BOO

9126

wnship 9 North

~~19 20 2~~

6 102 5 85

101 100

7 99 8 83

98 97

18 96 17 81

95 94

19 93 20 79

92 91

30 90 29 77

88 87

31 86 32 74

BOOK-A-213

1

912639

a

Township 9 North Range 12 West

19	20	22	23	24	25
6 102	5 85	4 73	3 59	2 45	1
101	100	84	72	58	43
7 99	8 83	9 71	10 57	11 42	12
98	97	82	70	55	41
18 96	17 87	16 69	15 54	14 39	13
95	94	80	67	53	38
19 93	20 79	21 66	22 52	23 36	24
92	91	78	65	50	35
30 90	29 77	28 63	27 49	26 34	25
88	87	76	62	48	32
31 86	32 74	33 60	34 46	35 31	36

2

BOOK

nship 10 North Ra

~~123 124 12~~

6 161 5 143 4

160 159 14

7 158 8 141

157 156 14

18 155 17 139 1

153 152 1

19 151 20 137

150 149 1

30 147 29 135

146 145 1

31 144 32 133

Meanders

BOOK-A-213

3

Township 10 North Range 11 West

~~123~~ ~~124~~ ~~126~~

6 161	5 143	4	3	2	1
160	159	142			
7 158	8 141	9	10	11	12
157	156	140			
18 155	17 139	16	15	14	13
153	152	138			
19 151	20 137	21	22	23	24
150	149	136			
30 147	29 135	28	27	26	25
146	145	134			
31 144	32 133	33	34	35	36

Meanders 163 & 164

2 4

BOOK-A

nship 10 North Rang

6 235-5 219 4

234 233 218

7 232 8 216 9

231 230 215

18 229 17 214 16

228 227 21

19 226 20 212 21

225 224 21

30 223 29 210 28

222 221 20

31 220 32 208 3

BOOK-A-213

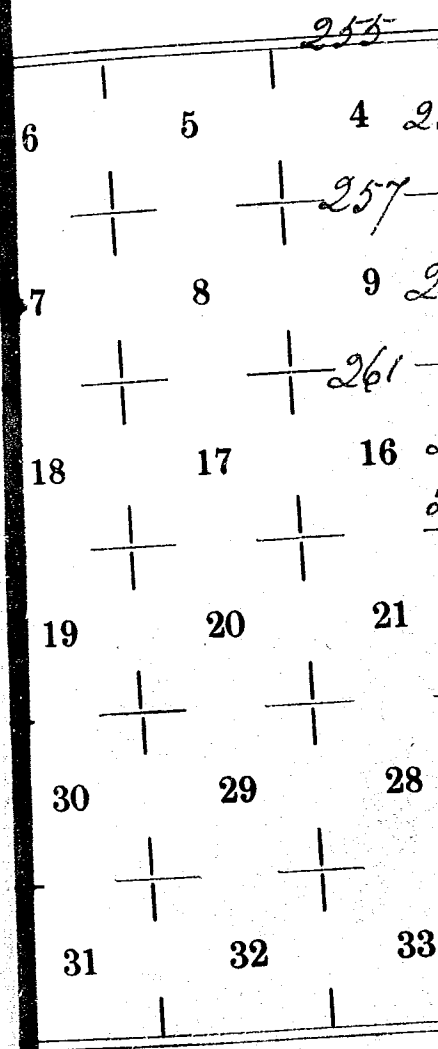
nship 10 North Range 12 West

6	235	5	219	4	207	3	195	2	182	1	
234		233		218		206		194		181	
7	232	8	216	9	205	10	193	11	180	12	
231		230		215		203		192		179	
18	229	17	214	16	202	15	191	14	178	13	
228		227		213		201		189		177	
19	226	20	212	21	200	22	188	23	176	24	
225		224		211		199		187		174	
30	223	29	210	28	198	27	186	26	173	25	
222		221		209		197		185		172	
31	220	32	208	33	196	34	184	35	171	36	

2 6

BOOK-A-

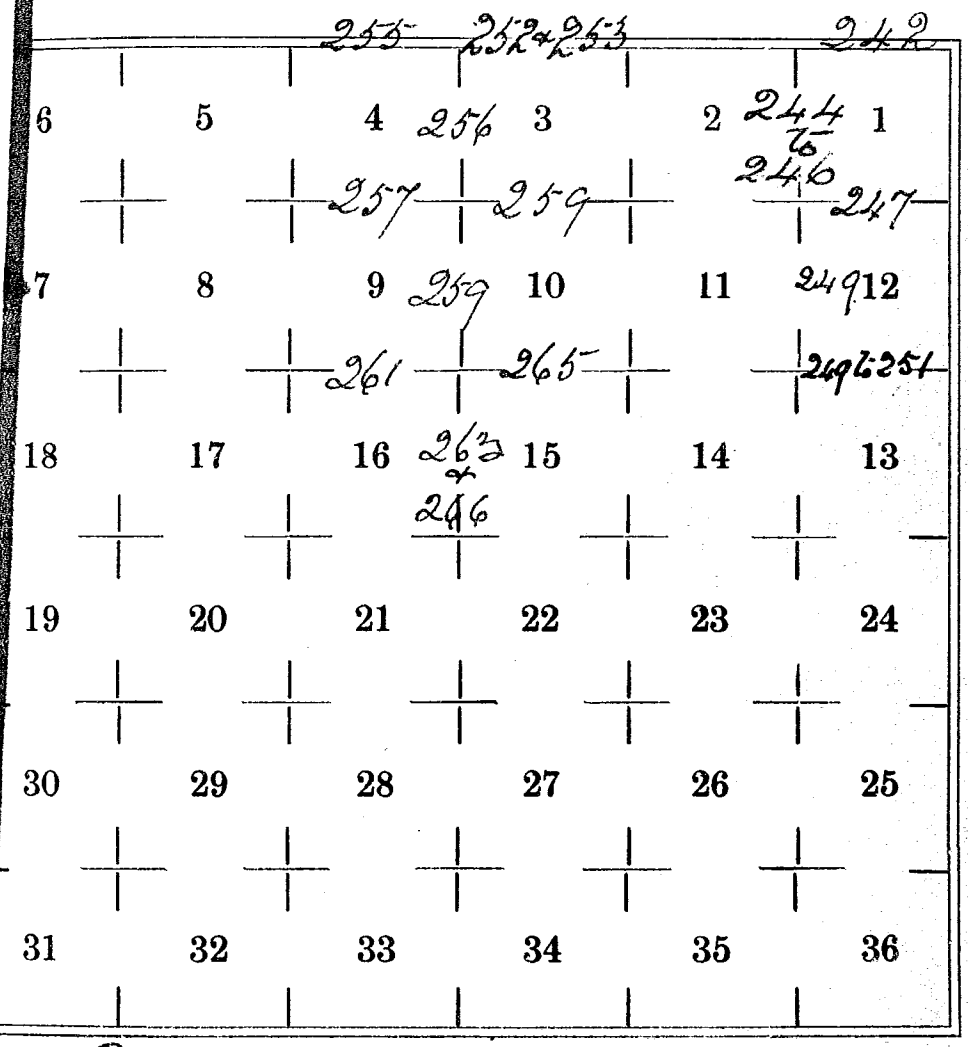
nship 11 North Range



Meanders p

BOOK-A-213

nship 11 North Range 10 West



Meanders pages 267 to 271

2 8

BOOK-A-2

ship 11 North Range

6 326 5 303 4

325 324 304

7 322 8 303 9

321 320 302

18 319 17 301 16

318 317 300

19 314 20 298 21

313 312 28

30 310 29 280 2

309 307 2

31 306 32 277

Meander

BOOK-A-213

ship 11 North Range 11 West

6	326	5	303	4	297	3	296	2		1	
325		324		304		292		295			
7	322	8	303	9	291	10	294	11		12	
321		320		302		290					
18	319	17	301	16	289	15		14		13	
318		317		300		287					
19	314	20	298	21	286	22		23		24	
313		312		281		285					
30	310	29	280	28	283	27		26		25	
309		307		279							
31	306	32	277	33		34		35		36	

Meanders Pages 329 + 330

2 10

BOOK-A-2

ship 13 North Range 1

6 377 5 374 4 365

413

411 410 372

7 409 8 375 9 364

394

407 406 393

18 405 17 391 16 36

404 403 390

19 401 20 389 21 3

400 399 391

30 398 29 370 28 3

397 396 368

31 395 32 367 33 3

BOOK-A-213

Township 13 North Range 10 West

6	377	5	374	4	365	3		2		1	
411	413	410		372							
7	409	8	375	9	364	10		11		12	
407		406	394	393							
18	405	17	391	16	362	15		14		13	
404		403		390							
19	401	20	389	21	360	22		23		24	
400		399		371							
30	398	29	370	28	359	27		26		25	
397		396		368							
31	395	32	367	33	357	34		35		36	

BOOK-A-2

ship 13 North, Range

6 456 5 4

58

7 459 8 9

460

18 461 17 16

9.463

19 464 20 21

8.465

30 466 29 28

7.467

31 468 32 33

BOOK-A-213

ship 13 North Range 11 West

6 456	5	4	3	2 479	1
58					494
7 459	8	9	10	11 478	12
460					493
18 461	17	16	15	14 476	13
9.463					492
19 464	20	21	22	23 473	24
8.465				475	490
30 466	29	28	27	26 476	25
7.467					471
31 468	32	33	34	35 469	36

2

14

BOOK-A-

hip 15 North Range

5 4

8 9

8 17 16

9 20 21

30 5-27 29 5-22 28

5-26 5-25 5-21

31 5-24 32 5-19 33

BOOK-A-213

hip 15 North Range 11 West

	5	4	3	2	1
	8	9	10	11	12
8	17	16	15	14	13
9	20	21	22	23	24
30 5-27	29 5-22	28 5-18	27 5-15	26 5-11	25
5-26	5-25	5-21	5-17	5-14	5-10
31 5-24	32 5-19	33 5-16	34 5-13	35 5-09	36

2

16

BOOK-A-213

T:

l by John H. Cam

ed by John R. B

l by Guy P. Norton

FIELD NO

F THE SURVE

North bou

OF

ip No. 9 North

No. 12 West

OF THE

SALT LAKE

IN

UTAH TERR

AS SURVEY

Wilkes and

U. S. Deput

Under his Contract A

ted June 2

rvey commenced S

mpleted

6

BOOK-A-213 JRK 16 17

T: .....

..... 188

d by John H. Campbe

ed by John R. Bowman

d by Guy P. Norton & John H. Campbe.

FIELD NOTES

F THE SURVEY OF THE

North boundary

OF

ip No. 9 North

No. 12 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Wickes and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

ted June 24 188 6

vey commenced Sept 15 1886

npleted " 15 1886

6

NAMES AND DUTIES OF ASSISTAN

Chas. S. Wilkes	Compass
Chas A. Prescott	Chainma
Wm W. Phelps	Chainma
Adolph Harris	Chainma
Andrew Smith	Chainma
Harry R. Jacobs	Axeman
Lewis A. Brigbaum	Axeman
J. Jake	Flagman

OOK-A-213

North 9

9 N. R. 12.

Survey
Sept. 15. 1886
"Abraham's
Theodolyte

I begin
Tps 9 & 10 N.
which is a
with 6 No
6 No
6 No
6 No
with pits 1
S. E. & W.
Thence
East on a
bet Secs

Set pine p
in the gro
marked 1/
dng pits 18
post 5 1/2 f

BOOK-A-213

North Boundary
of 9 N. R. 12 W. S. L. Mer.

Survey commenced Sept. 15. 1886, with an "Abraham's Improved Theodolyte"

I begin at the cor. to Tps 9 & 10 N. Rs 12 & 13 W. which is a stone marked with 6 Notches on N.
6 Notches on S.
6 Notches on E. and
6 Notches on W. Edges
with pits 18 x 18 x 12" on N. S. E. & W.

Thence I run East on a true line bet Secs. 6 & 31.

Va. 18° 10' E.

00 Set pine post 36 x 4 x 3", 18" in the ground for 1/4 sec. cor. marked 1/4 S. on N. face; dug pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. & raised a

North Boundary

T/p 9 N. R. 12 W.

Chs mound of Earth 1½ ft
3½ ft base around pos
80.00 Set pine post 36 × 4 × 3
with marked stone, 18
the ground for cor. to
5. 6. 31 & 32, marked —
T. 10 N. S 32 on N. E.
R. 12 W. S. 31 on N. W
T. 9 N. S. 5 on S. E.
and S. 6 on S. W. fac
with 1 Notch on W. and
5 notches on E. Edges;
pits 18 × 18 × 12" in Each
5½ ft dist.
raised a mound o
Earth 2 ft high 4½ ft
base around post.
Land level
Soil alkali — 4th N
Scattering greasewoo

East bet secs. 5 & 32.
Va. 18° 10 E.
40.00 Set pine post 48" × 3" × 3"

BOOK-A-213

North

T/p. 9 N. R.

24" in the
sec. cor. m
face; dug
E. & W. of p
raised a
1½ ft high
post.
Set pine
with m
the grou
4. 5. 32 &
T. 10 N.
R. 12 W.
T. 9 N.
and S.
with 2
4 notch
pits 18 ×
5½ ft di
of Earth
base a
Land
Soil a
Sagebr

BOOK-A-213

North Boundary
No. 9 N. R. 12 W

24" in the ground for 1/4 sec. cor. marked 1/4 S. on N face; dug pits 18×18×12" E. & W. of post. 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base around post.

Set pine post 36"×3"×3", with marked stem, 18" in the ground for cor. to secs 4. 5. 32 & 33. marked—
T. 10 N. — S. 33 on N. E.
R. 12 W. — S. 32 on N. W.
T. 9 N. — S. 4 on S. E.
and S. 5 on S. W. faces; with 2 notches on W. & 4 notches on E. Edges; dug pits 18×18×12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high, 4½ ft base around post.

Land level
Soil alkali — 4th rate
Sagebrush & greasewood.

North Boundary

T/p 9 N. R. 12 W.

Chs East bet Secs 4 & 5

Va. 18° 10' E.

40.00 Set pine post 36" x 3" x 3" in the ground for 1/4 sec marked 1/4 S. on N. fac Dug pits 18 x 18 x 12" E. & W. of 5 1/2 ft dist. & raised a mound Earth 1 1/2 ft high 3 1/2 ft ba around post.

80.00 Set pine post 36" x 3" x 3". wi marked stone. 18" in the gro for cor. to Secs 3.4.33 & 34 marked—

T. 10 N — S. 34 on N. E.
R. 12 W — S. 33 on N. W.
T. 9 N. — S. 3 on S. E.
and S. 4 on S. W. faces with 3 notches on W. and 3 notches on E. edges: Dug 18 x 18 x 12" in each sec, 5 1/2 dist, & raised a mound of Ea 2 ft high 4 1/2 ft base around pos

Land nearly level — Soil 3 th

Sage & greasewood.

BOOK-A-213

North B

T/p 9 N. R. 1

East bet Se

Va

Set pine po in the groun marked 1/4 S. pits 18 x 18 x 1 5 1/2 ft dist & raised a m 1 1/2 ft high 3 post.

Set pine po marked sto for cor. to marked—

T. 10 N —
R. 12 W —
T. 9 N. —
and S. 3
with 4 no
2 notches
pits 18 x 18
5 1/2 ft dist
of Earth 2
around p

Land nea
Sage & gre

North Boundary

T. 9 N. R. 12 W.

East bet. Secs. 3 & 34.

Va. 18° 10' E.

Set pine post 36" x 4" x 3", 18" in the ground for 1/4 sec. cor. Marked 1/4 S. on N. face; dug pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base around post.

Set pine post 36" x 4" x 3" with marked stone, 18" in the ground for cor. to Secs. 2, 3, 34 & 35. Marked —

T. 10 N — S. 35 on N. E.
R. 12 W — S. 34 on N. W.
T. 9 N. — S. 2 on S. E.

and S. 3 on S. W. faces: with 4 notches on W. and 2 notches on E. edges: dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high 4 1/2 ft base around post.

Land nearly level — Soil Slate
Sage & greasewood.

North Boundary

T/p 9 N. R. 12 W.

Chs	
	East bet secs: 2 & 35. Va. 18° 10' E.
40.00	Set limestone 20×12×10 in the ground for 1/4 sec. Marked 1/4 on N. face pits 18×18×12" E. & W. of 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft b alongside — At fort of Hogup mountains — Ascend gradually
80.00	Set Limestone 20×12×10 15 in ground for Cor. to Sec 1. 2. 35 & 36. Marked with 1 notch on E. & 5 notches on W. Edges; Dug pits 18×1 12" in Each sec. 5½ ft dist raised a mound of Earth 2 ft high 4½ ft base alongs Land mountainous Soil rocky — 4th rate Sagebrush 80 chs

BOOK-A-213

North B

T/p 9 N. R.

East bet. &
Va

Ascend gra
Set limeston
in ground f
marked 1/4
pits 18×18×
5½ ft. dist. &
1½ ft high 3
Top of Hogu
bis N. W. & S. E
Set sandston
in ground f
9 & 10 N. R. 11
1. 6. 31 & 36.
Marked wi
N. S. E & W.
18×18×12" o
raised a
2 ft high 4
Land m
Soil rac
Sagebr

BOOK-A-213

North Boundary

Tp 9 N. R. 12 W.

East bet. Secs 1 & 36.
Va. 18°10' E.
Ascend gradually—
Set limestone 30×4×12", 20" in ground for 1/4 sec. cor. marked 1/4 on N. face; dug pits 18×18×12" E. & W. of stone 5½ ft. dist. & raised a mound 1½ ft high 3½ ft base alongside.
Top of Hogup Mts — Range bro N. W. & S. E. — Low divide—
Set sandstone 24×14×12", 18" in ground for cor. to ~~Secs~~ Tps 9 & 10 N. Rs 11 & 12 ~~1, 6, 31 & 36~~, being the Tp cor. marked with 6 notches on N. S. E & W. edges; dug pits 18×18×12" in each ~~base~~ 6 ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside.
Land mountainous
Soil rocky — 4th rate
Sagebrush
Sept 15. 1886

BOOK-A-213

SURVEYOR GENERAL'S

Salt Lake City, Utah

General Descripti

The land along th
western portion of th
line is comparatively
level alkali bottom
thinly covered with
sagebrush & greasewo
Soil 3d rate.
That along the East
part is high rolling
rocky mountains, co
with a thin growth
sagebrush & some
bunch grass—
Soil 4th rate—

Edmund Wilke

Chas. S. Betts
U.S. Dep. Sur

The foregoing field notes
North Ba
ship No. 9 N
e Salt Lake Meridian.
mund Wilkes
er Contract No. 14
of June
Sept 1
mined, the necessary
de, the said field notes
hereby approved.
Will
U.

SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *188*7

The foregoing field notes of the ..... *survey of the*

North Boundary

nship No. 9 N *Range No.* 12 W

e Salt Lake Meridian. Executed by .....

mund Wilkes & Chas S. Betts

er Contract No. 140 *of the* 24th

of June *188*6*, in the month of*

Sept *188*6 *having been critically*

mined, the necessary corrections and explanations

de, the said field notes, and the surveys they describe

hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

2 28

BOOK-A-213

PORT:

d May 1

amined by John

nscribed by Jun

npared by Guy P.

FIELD

F THE SUR

Subdi

wnship No. 9 P

nge No. 12

O

SALT LAKE BA

UTAH

AS SU

Edmund Wil

U. S. Dep

Under his Conti

ated Jun

rvey Commenced

rvey Completed

0

39.

BOOK-A-213

PORT:

ed May 16th 1887.

amined by John H. Crumpe.

nscribed by Minnie V. Bowman

mpared by Guy P. Norton & John H. Crumpe.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

wnship No. 9 South

nge No. 12 West

OF THE

SALT LAKE BASE AND MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Edmund Wilkes & Chas. L. Betts

U. S. Deputy Surveyor,

Under his Contract No. 144

ated June 24th 1886.

urvey Commenced Sept 17 1886.

urvey Completed Sept 21 1886.

0

39.

NAMES AND DUTIES OF ASSISTANTS

Chas S. Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman.
Lewis A. Krigbaum	Axeman.
J. Jake	Flagman.

BOOK-A-213

Subdivisi
J. N. R. 12
Survey
Sept 17
an Abraha
ed Theodoti
I begin at
1, 2, 35 & 36
of Tp. being th
19x14x4-12 in
S.C. with 1 note
Thence
North bet
Va 18
Hollow
Hollow
Ridge bea
Ravine
Set Lime
8 ins in
hill elop
cor. Ma
Jace. D
N & S. of
& raised
ft high

BOOK-A-213

Subdivisions

9. N. R. 12 W.

Survey commenced Sept 17 1886. with an Abrahams Improved Theodolite

I begin at cor to Secs 1, 2, 35 & 36 on S boundary of Tp. being the 2d Standard Parl. N. which is a Sandstone 19x14x4-12 in in ground marked S.C. with 1 notch E & 5 notches on W edges.

Thence I run North bet Secs 35 & 36 Va 18° 10' E.

Hollow heads N.W.

Hollow heads West.

Ridge bears E & W.

Ravine heads West

Set Limestone 12x9x4 8 ins in ground (on side hill sloping S) for 1/4 Sec cor. Marked 1/4 on W face. Drig pits 18x18x12 N & S. of stone 5 1/2 ft. distant & raised a mound 1 1/2 ft high 3 1/2 ft base along

Subdivisions

Tp 9. N. R. 12 W.

Chs side.
45.00 Ridge bears E & W.
55.00 Hollow heads West
75.50 Top of ridge E & W.
77.00 Hollow heads West
80.00 Set Sandstone 13 x 9
8 ins in ground fo
cor to Secs 35, 36, 25
Marked 1 notch S & 1
East. Dug pits 18 x 1
in each Sec 5 1/2 f
distant & raised a
of earth 2 ft high 4
base along side.
Land rolling mou
Soil gravel 4th ra
Sage-brush.

East on a random
bet Secs 25 & 36.
Va 18° 10' E.
40.00 Set temp 1/4 Sec cor.
80.00 Intersect the East b

BOOK-A-213

bdivisions
9 N. R. 12 W
any of the
N of cor to
30 & 31, set b
this contr
Thence Ir
S 89° 50'
on a true
up hollow
Set Sandst
12 ins in gr
Sec. cor. Ma
face. Dug
E & W of 0 to 15 & rai
of earth 1
ft base a
The cor
35 & 36.
Land m
Soil stony
loam in
Sage brus
cedars.

bdivisions

9 N R. 12 W.

ary of the Tp 22 links
S of cor to Secs 25, 36,
30 & 31, set by me under
this contract

Thence Inun
S 89° 50' W.
on a true line ascending
up hollow
Set Sandstone 18 x 12 x 5.
12 ins in ground for 1/4
Sec. cor. Marked 1/4 on N
face. Dug pits 18 x 18 x 12
E & W of Otum 5 ft dist & raised a mound
of 1/2 earth 1 1/2 ft high 3 1/2
ft base alongside.
The cor to Secs 25, 26
35 & 36.
Land mountainous
Soil stony, gravel &
loam in spots. 2 & 3rd rate
Sage brush & scattering
cedars.

Subdivisions

Tp 9 N. R. 12 W.

Chs	North bet Secs 25 &
	Va 18° 10' E
3.50	Hollow heads W.
10.00	Ridge descends E.
19.50	Hollow heads W.
40.00	Set Limestone 12 x 8
	8 ins in ground
	hillside sloping So
	for ¼ Sec. cor., marked
	on W face. Dug pits
	x 12 N & S of stone 5½
	distant & raised a m
	of earth 1½ ft high
	ft base along side
44.00	Top of ridge bears
	sloping to the E. Hy
	point on line.
60.50	Foot of ridge bears E
66.00	Hollow heads W.
71.50	Top of ridge E & W.
80.00	Set Sandstone 13 x 9 x 5
	8 ins in ground for
	to Secs 23, 24, 25 & 26
	marked 2 notches S &
	notch E. Dug pits 18

BOOK-A-213

Subdivisions

9 N. R. 12 W.

x 12 in eac
distant & ra
of earth 2 f
base along
Land Ofli
Soil alkali
Sage-bru

East on
bet Secs
Va
Set temp
Intersect
of Tp 45
to Secs 2
set by
this co

Thence
S 89° 4
a tr
same
Set San

Subdivisions
9 G.R. 12 W.

x12 in each Sec 5½ ft
distant & raised a mound
of earth 2 ft high 4½ ft
base along side
Land rolling mountains
Soil alkali 4th rate
Sage-brush.

East on a random line
bet Secs 24 & 25
Va 18°10' E.
Set temp ¼ Sec cor.
Intersect East boundary
of Tp 45 links S of cor
to Secs 24, 25, 19 & 30.
set by me under
this contract

Thence I run
S 89°41 W
on a true line with
same Va. ascending
Set Sandstone 20x10x5

Subdivision
Tp 9 N. R. 12 W.

Chs	15 ins. in ground fo
	Sec cor. Marked 1/4
	N face. Dug pits 1
	12 E & W. of stone 5 1/2 ft dist
	& raised a mound
	earth 1 1/2 ft high 8 1/2
	base alongside
61.00	Hollow drains SE.
70.00	Ridge bears SE. & NW.
76.00	Hollow drains SE.
80.10	Cor to Secs 23, 24, 25
	26.
	Land mountainous
	Soil gravel, 3rd rate
	Sage brush.

North bet Secs 23 & 24
Va 18° 10' E.

1.50	Hollow heads NW & drains SE
6.00	Ridge bears NW & SE.
8.00	Hollow heads NW & d
	SE
17.00	Top of high ridge b

BOOK-A-213

divisions
R. 12 W.
E & W & des
Hollow head
Top of ridge
Set Flint s
hillside ris
8 ins in gr
Sec cor ma
W face. Dr
12 N & S. of stone 5 1/2
& raised a
earth 1 1/2 f
base along
Hollow hea
Ridge bear
Hollow he
Ridge be
Hollow he
Top of ridge
Foot of m
NW & SE.
Set Flint
8 ins in gr
to Secs 13,
3 notches
Dug pits

Divisions
R. 12 W.

E & W & descends E.
Hollow heads N W.
Top of ridge bears N W & S E
Set Flint stone 12 x 9 x 8 (on
hillside rising to the S)
8 in in ground for 1/4
Sec cor marked 1/4 on
W face. Dug pits 18 x 18 x
12 N & S of stone 5 1/2 ft distant
& raised a mound of
earth 1 1/2 ft high 3 1/2 ft
base along side.
Hollow heads W.
Ridge bears E & W
Hollow heads W.
Ridge bears E & W.
Hollow heads W.
Top of ridge bears N E & S W.
Foot of mountain bears
N W & S E.
Set Flint rock 13 x 10 x 6
8 ins in ground for cor
to Secs 13, 14, 23 & 24. marked
3 notches S & 1 notch E.
Dug pits 18 x 18 x 12, 5 1/2 ft

Subdivisions
Tp 9 N. R. 12 W.

Chs distant in each S
raised a mound of
2 ft high 4½ ft base
side.
Land rolling Mount
Soil gravel & alkali 4
Sage-brush.

East on a random
bet Secs 24 & 13.
Va 18° 10' E.
40.00 Set temp. ¼ Sec. cor.
80.20 Intersect the East bou
of Tp 46 links S of cor
Secs 24, 13 & 18 & 19 which
set by me under th
contract.
Thence I run
S 89° 40' W.
on a true line bet Sec
& 13 with same Va.
7.00 Wash in canon bet two
ranges of mountains

BOOK-A-213

Subdivisi
Tp 9 N. R. 12
N.W.
Road in ca
ranges of m
S.W. & S.E. as
Set Sandsto
in ground
N. face for
pits 18 x 18 x 1
distant & v
1½ ft high
earth & sto
The corner
& 24
Land roll
Soil mixe
loam 8"
Sage-brus

North be
Va 1
00 Enter ho
descendi
00 Hollow

Subdivisions

29 N. R. 12 W.

N.W.
Road in canon bet two ranges of mountains bears N.W. & S.E. ascend.
Set Sandstone 16x10x8" 12 in in ground marked ¼ on N. face for ¼ Sec cor. dug pits 18x18x12 E. & W. of stone 5½ ft distant & raised a mound 1½ ft high 3½ ft base of earth & stones alongside the corner to Sec's 13, 14, 23 & 24.
Land rolling mountainous
Soil mixed gravel rock & loam 3rd rate.
Sage-brush.

North bet Secs 13 & 14
Va 18° 10' E.
Enter hollow heading S. E. descending N. W.
Hollow heads S. E. & drains

Subdivisions

Tp 9 N. R. 12 W.

Chs	N. W.
23.00	Top of foot hills bears
26.50	Enter bench land en foot hills
40.00	Set Trachite 12x12x9 in ground (on bench for ¼ Sec cor Marked on W face dug pits 18 N & S of stone 5½ ft di & raised a mound of 1½ ft high 3½ ft base side. Descend gradu
61.00	Wagon road bears N W
69.50	Ditch runs N W. Ground descends gr wally.. Slightly m ing
80.00	Set Flint rock 13x12x6 in ground for cor to 11, 12, 13 & 14. Marked notches S & 1 notch E. pits 18x18x12 in each Sec 5½ ft distant & w a mound of earth & 2 ft high 4½ ft base

BOOK-A-213

Subdivisi

9 N. R. 12 W

alongside
Land rolli
Soil alkali
rate
Sage-brush

East on a
bet Secs 12
Va
Set temp
Intersect t
of Tp 27 li
to Secs 12, 1
Set by me
contract.
Thence I
S 89°48'
on a true
Va. Desce
across roll
Set Limes
in ground
marked

Subdivisions
4 R. R. 12 E.

alongside
Land rolling
Soil alkali & gravel 4th
rate
Sage-brush

East on a random line
bet Secs 7 & 18.
Da 18°10' E.
Set temp 1/4 Sec. cor.
Intersect the E. boundary
of Tp 27 links S of cor
to Secs 12, 13, 7 & 18.
Set by me under this
contract.
Thence I run
S 89°48' W
on a true line with same
Da. Descend gradually
across rolling bench land
Set Limestone 19x12x4 13 in
in ground for 1/4 Sec cor
marked 1/4 on N face

Subdivisions
Tp 9 N. R. 12 W.

Chs	Dug pits 18x18x12 E & ft distant & raised mound of earth 1½ 3½ ft base along ed
80.00	The cor to Secs 11, 12, 14.
	Land rolling
	Soil gravel 3rd rate
	Sage brush
	North bet Secs 11 & 1 Va 18° 10' E.
17.50	Com. of Sink & bench
25.00	Hollow or sink bea E & W.
40.00	Set Conglomerate 8x 6 in in ground (on for ¼ Sec cor marked on W face Dug pits 18x12 N & S. 3 stones 5½ ft dist & raised a mound earth 1½ ft high 3 base along side

BOOK A-213

Subdivis
9 N. R. 12 W

Hollow he
Hollow he
Hollow h
Hollow h
Set Lime
8 in in g
to Secs 1.
& notches
Dug pits
distant
raised a
earth 2 f
base. alo
Land ro
Soil gra
4th rate
Sage-br

East
line be

0.00 Set te

Subdivisions
9 S. R. 12 W.

Hollow heads S&E.
Hollow heads S&E.
Hollow heads E
Hollow heads E.
Set Limestone 12x8x6"
8 in in ground for cor
to Secs 1, 2, 11 & 12 marked
& notches S & 1 notch E.
Dug pits 18x18x12, 5½ ft
distant in each Sec &
raised a mound of
cap 2 ft high & 1½ ft
base. along side
Land rolling
Soil gravel & very stony
4th rate.
Sage-brush

East on a random
line bet Secs 12 & 1
Da 18° 10' E.
0.00 Set temp ¼ Sec cor.

Subdivisions
Tp 9 N. R. 12 W.

Chs	
19.90	Intersect the East bou[illegible] of Tp 45 links S of co[illegible] to Secs 1, 12, 6 & 7 set by me under this contract
	Thence Inn S 89° 41' E W on a true line with [illegible] Va. Along low ridge E
39.95	Set Sandstone 20x12x6 in in ground mark ¼ on N face for ¼ S cor. Dug pits 18x18x12 E & W. of stone 5½ ft distant & raised a mound [illegible] earth & stones 1½ ft [illegible] 3½ ft base alongside
19.90	The cor to Secs 1, 2, [illegible] & 12.
	Land rolling Mount[illegible] Soil rocky with some loam 3rd rate Sage brush.

Subdivis[illegible]
9 N R. 12 W.

North on [illegible] line bet S[illegible] Va 1[illegible]
Set temp [illegible]
Intersect [illegible] of Tp 20 [illegible] cor to Se[illegible] set by [illegible] contract
Thence [illegible] S 0°.09 [illegible] on a tr[illegible] Secs 1 & 2 [illegible] Va
80 Set Trac[illegible] in grou[illegible] cor ma[illegible] Dug pi[illegible] of stone [illegible] & raised [illegible] earth & [illegible] 3½ ft ba[illegible]
80 Hollow [illegible]
80 Ridge be[illegible]
80 The cor [illegible]

Subdivisions
9 N R. 12 W.

North on a random
line bet Secs 1 & 2.
Va 18° 10' E.
Set temp 1/4 Sec cor,
Intersect North boundary
of Tp 20 links West of
cor to Secs 1, 2, 35 & 36,
set by me under this
contract
Thence Num
S 0°. 09' E.
on a true line bet
Secs 1 & 2 with same
Va
80 Set Tracklite 12 x 8 x 8 8 ins
in ground for 1/4 Sec
cor marked 1/4 on W face
Dug pits 18 x 18 x 12 E & S
of stone 5 1/2 ft distant
& raised a mound of
earth & stones 1 1/2 ft high
8 1/2 ft base along side.
80 Follow leads W & E.
80 Ridge bears E & W.
80 The cor to Secs 1, 2, 11 & 12

Subdivisions
Tp 9 N. R 12 W.

Chs	Land rolling Soil gravel & alkali rate Sage-brush.
	I begin at cor to Sec 2, 3, 34 & 35 on South being the 12th Standard Parl Mer ary to Tp. which Limestone marked SE E & 4 notches West edge Thence I run North bet Secs 34 & 35 Va 18° 10' E.
6.00	Hollow heads SW. - 10 to Peak SW.
11.00	Ridge descends E. then along South side of on slope
31.00	Bottom of canyon hea S & drains NW.
33.00	Ridge E & W.
40.00	Set Limestone 18 x 10 x 1 10 in in ground for

BOOK-A-213

Subdivisio
9 N R. 12
Sec cor m
face D
12 5½ ft
of stone &
mound
3½ ft base
along si
Canon
W.
Top of ridg
Hollow
Ridge be
Hollow
Top of
Set Lim
8 in in
to Sec's
ed 1 not
E D
each
& raise
earth &
4½ ft
Land
Soil g

Subdivisions
of N R. 12 W.

Sec cor marked 1/4 on W face D ug pits 18x18x12 5 1/2 ft distant N & S of stone & raised a mound 1 1/2 ft high 3 1/2 ft base of earth & stones along side
Canon heads E & drains W.
Top of ridge E & W.
Hollow drains W
Ridge bears E & W
Hollow drains W.
Top of ridge N W. & E.
Set Limestone 12x12x4 8 in in ground for cor to Sec's 34, 35, 26 & 27 marked 1 notch S & 2 notches E D ug pits 18x18x12 in each Sec 5 1/2 ft distant & raised a mound of earth & stones 2 ft high 4 1/2 ft base along side
Land rolling
Soil gravel & alkali

Subdivisions
Tp 9 N. R. 12 W

Chs	rate
	Sage brush.
	East on a random b
	bet Secs 26 & 35
	Va 18° 10' E.
	Run up ridge at hea
	of Hollow
40.00	Set temp ¼ Sec. cor
79.80	Intersect ~~North a~~
	South line 20 links W
	cor to Secs 25, 26, 35 & 3
	Thence I run
	N 89° 51' W
	on a true line bet S
	26 & 35 with same Va
38.00	Top of main ridge
39.90	Set Trachite 16 x 12 x 8 -
	in ground for ¼ Sec
	cor marked ¼ on W
	face Dug pits 18 x 18
	E & W of stone 5½ ft d
	taut & raised a mo

BOOK-A-213

Subdivisi
9 N. R. 12 W.

1½ ft high
along sid
The cor to
& 35.
Land rol
Soil sand
4th rate.
Sage brus

North be
Va
Hollow
Ridge
Hollow
Ridge S
Forks of
West
Set Thi
in gro
cor ma
Dug p
stone 5
raised

Subdivisions
9 N. R. 12 W.

1½ ft high 3½ ft base
alongside.
The cor to Secs 26, 27, 34
& 35.
Land rolling
Soil sand, gravel, & alkali
4th rate.
Sage brush.

North bet Secs 26 & 27.
Va 18° 10' E.
Hollow heads E.
Ridge N W & S E.
Hollow heads E.
Ridge S W.
Forks of Hollow draining
West
Set Flint rock 14 x 8 x 6 - 8 in
in ground for ¼ Sec
cor marked ¼ on W face
Dug pits 18 x 18 x 12 N & S of
stone 5½ ft distant &
raised a mound 1½ ft

Subdivisions
Tp 9 N. R. 12 W.

Chs	high 3½ ft base alo[illegible]
	on ridge descending
47.00	Hollow heads E.
60.00	Ridge E & W.
75.00	Hollow heads E.
80.00	Set Conglomerate 24x[illegible]
	18 ins in ground for
	to Secs 22, 23, 26 & 27 [illegible]
	ed 2 notches E & 2 notc[illegible]
	S. Dug pits 18x18x12 [illegible]
	each Sec 5½ ft dist[illegible]
	& raised a mound [illegible]
	earth 2 ft high 4½ ft
	base along side
	Ridge E & W.
	Land rolling mounta[illegible]
	Soil gravel & loam 8"
	Sage brush 80 chs.
	East on a random [illegible]
	bet Secs 23 & 26.
	Va. 18° 10' E.
40.00	Set temp ¼ Sec cor.

BOOK-A-213

[illegible]bdivisio[illegible]
9 N. R. 12 W.

Intersect [illegible]
18 links N [illegible]
23, 24, 25 & [illegible]
Thence [illegible]
N 89° 52' [illegible]
on a tru[illegible]
23 & 26 with [illegible]
Set Limes[illegible]
18 in in [illegible]
Sec cor [illegible]
N face. D[illegible]
E & W of st[illegible]
& raised [illegible]
1½ ft hig[illegible]
along [illegible]
deep holl[illegible]
50 Top of hi[illegible]
90 The col [illegible]
& 27
Land [illegible]
Soil [illegible]
Sage bru[illegible]

BOOK-A-213

ubdivisions
9 N. R. 12 W.

Intersect N & S line at
18 links N of cor to Secs
23, 24, 25 & 26
Thence I run
N 89° 52' W
on a true line bet Secs
23 & 26 with same Va.
Set Limestone 24 x 20 x 20
18 in in ground for 1/4
Sec cor marked 1/4 on
N face. Dug pits 18 x 18 x 12
E & W of stone 5 1/2 ft distant
& raised a mound of earth
1 1/2 ft high 3 1/2 ft base
along side. Stone set in
deep hollow draining E.
Top of high main ridge
The cor to Secs 22, 23, 26
& 27
Land rolling mountains
Soil rocky 3rd rate
Sage brush.

Subdivision

Tp 9 N. R. 12 W.

Clis	North bet Secs 22 & 23
	Va 18° 10' E.
3.50	Hollow drains W
24.00	Ridge E & W.
40.00	Set Limestone 16x10x8
	10 in in ground for
	Sec cor marked 1/4 on
	W face Dug pits 18x18
	N & S. of stone 5 1/2 ft distant &
	raised a mound of ea
	1 1/2 ft high 3 1/2 ft base
	alongside. (In hollow.)
52.00	High rocky ridge
64.00	Hollow drains W.
70.00	Ridge N W & S E.
80.00	Set Conglomerate 14x6
	(on N slope of ridge) 8
	in ground for cor to
	Secs 14, 15, 22 & 23. ma
	8 notches S & 2 notches
	Dug pits 18x18x12 in ea
	Sec & 5 1/2 ft distant &
	raised a mound of
	earth & stones 2 ft hi
	4 1/2 ft base alongside

BOOK-A-213

bdivision

N R. 12 W.

Land roll

Soil rocky

Sage-brush

East on

bet Secs 1

Va

Set temp

Intersect

N of cor

24.

Thence

N 89° 53'

on a tru

14 & 23 wi

Foot of

Low ra

Hollow

Set Lim

10 in in

Sec cor

N face

E & W. of

Subdivision
N R. 12 W.

Land rolling
Soil rocky 4th rate
Sage-brush

East on a random line
bet Secs 14 & 23.
Va. 18° 10'
Set temp 1/4 Sec cor
Intersect N & S line 16 links
N of cor to Secs 13. 14. 23 &
24.
Thence I run
N 89° 33' W
on a true line bet Secs
14 & 23 with same Va.
Foot of mountains N W & S E.
Low raise
Hollow drains N.
Set Limestone 14 x 10 x 12
10 in in ground for 1/4
Sec cor Marked 1/4 on
N face Dug pits 18 x 18 x 12
E & W of stone 3 1/2 ft distant &

Subdivision
Tp 9 N. R. 12. W.

Chs	raised a mound 1½ high 3½ ft base along
48.00	Ridge N & S.
55.00	Hollow drains N.
56.00	Ridge N & S.
65.00	Hollow drains N.
74.00	Ridge bears N & S.
76.25	Hollow drains N
79.85	The cor to Secs 14, 15, 2 23
	Land rolling
	Soil Gravel & alkali 4 rate
	Sage-brush.
	Sept 17. 1886
	Sept 18 1886
	North bet Secs 14 & 15
	Va 18° 10' E.
10.00	Leave Mountains cut bench
40.00	Set Sandstone 16 x 12 x 10 in in ground for Sec cor marked ¼ on W face. Dug pits 18 x 18

BOOK A-213

Subdivis
9. N. R. 12 W
N & S of stor
raised a m
3½ ft base a
Gradual de
Set Sandst
in in gro
to Secs 10, 1
ed 4 notche
E. Dug p
each Sec
& raised a
earth & st
4½ ft base
Land roll
Soil grave
3rd rate.
Sage bru
grass.

East o
line bet
Va 18
Along

Subdivisions
J. G. R. 12 W.

N & S of stone 5½ ft distant & raised a mound of earth 1½ ft 3½ ft base alongside
Gradual descent N.
Set Sandstone 22x6x8, 15 in in ground for cor to Secs 10, 11, 14 & 15 marked 4 notches S & 2 notches E. Dug pits 18x18x12 in each Sec 5½ ft distant & raised a mound of earth & stones 2 ft high 4½ ft base along side.
Land rolling
Soil gravel some loam 3rd rate
Sage brush & Little bunch grass.

East on a random line bet Secs 11 & 14.
Va 18° 10' E.
Along N slope.

Subdivisions

Tp 9 N. R. 12 W.

Chs	
40.00	Set temp 1/4 Sec cor
80.20	Intersect N & S line at
	Sinks N of cor to Secs
	12, 13 & 14.
	Thence I run
	N 89° 54' West
	on a true line bet
	11 & 14 with same Va.
35.00	Wash drains NW.
40.10	Set Sandstone 14x10x8
	in ground for 1/4 Sec
	marked 1/4 on N face.
	Pits 18x18x12 E & W of
	5 1/2 ft distant & raised
	mound of earth 1 1/2
	high 3 1/2 ft base along
57.00	Road NW & SE.
80.20	The cor to Secs 10, 11,
	15.
	Land rolling
	Soil mixed gravels
	3rd rate
	Sage-brush.

BOOK-A-213

Subdiv

Tp 9 N. R

North bet

Va 18

Foot of glo

Road NE &

Wash drai

Set Sand

in in gr

Sec cor

W face D

N & S of sto

& raised a

1 1/2 ft high

along si

Set Sand

18 in in

cor to Se

marked

2 notches

18x18x12

ft distan

mound

2 ft hig

along s

Land

Soil Gr

Subdivision
T. 9 S. R. 12 W.

North bet Sec 10 & 11
Va 18°10' E.
Foot of slope
Road N E & S W.
Wash drains N. W.
Set Sandstone 14x10x4"-8
in in ground for 1/4
Sec. cor. marked 1/4 on
W face Dug pits 18x18x12
N & S of stone 3 1/2 ft distant
& raised a mound of earth
1 1/2 ft high 3 1/2 ft base
alongside
Set Sandstone 24x12x8"
18 in in ground for
cor to Secs 2, 3, 10 & 11
Marked 3 notches S &
2 notches E. Dug pits
18x18x12 in each Sec 4 1/2
ft distant & raised a
mound of earth & stones
2 ft high 4 1/2 ft base
alongside.
Land rolling mountains
Soil Gravel some loam

Subdivisions
Tp 9 N. R. 12 W.

Chs	& rocky 3rd rate Sage & brush.
	East on a random bet Secs 2 & 11. Va 18°10' E.
40.00	Set temp 1/4 Sec cor.
80.30	Intersect N & S line [illegible] N of cor to Secs 1, 2, 11, & Thence I run N 89° & 8' W on a true line bet Se[illegible] 2 & 11 with same Va.
40.15	Set Sandstone 12 x 8 x 6 in in ground for [illegible] cor. marked 1/4 on N [illegible] Dug pits 18 x 18 x 12 E & [illegible] stone 5 1/2 ft distant & [illegible] ed a mound of ear[illegible] 1 1/2 ft high 3 1/2 ft base along side.
59.25	Road N & S.
80.30	The cor to Secs 2, 3, 10

BOOK-A-213

Subdivi[illegible]
Tp 9 N R. [illegible]
Land [illegible]
Soil rock. [illegible]
3rd rate
Sage brush
North on [illegible]
line bet Se[illegible]
Va 18[illegible]
Set temp [illegible]
Intersect [illegible]
to Tp 50 [illegible]
2, 3, 34 & 35
Thence I [illegible]
S 0° 27' E
on a true [illegible]
same Va.
Set Sandstone [illegible]
ground for [illegible]
1/4 on W face [illegible]
N & S of stone [illegible]
& raised a [illegible]
high 3 1/2 ft [illegible]
The cor [illegible]

Subdivision
Tp 9 N R. 12 W.

Land rolling bench
Soil rock. sand & gravel
3rd rate
Sage brush.

North on a random
line bet Secs 2 & 3.
Va 18° 10' E.
Set temp 1/4 Sec. cor.
Intersect N boundary
to Tp 55 links E of cor to Secs
2, 3, 34 & 35
Thence I run
So° 27' W
on a true line bet Secs 2 & 3 with
equal ba.
Set Sandstone 24x14x6-18 in in
ground for 1/4 Sec cor marked
1/4 on N face Dug pits 18x18x12
N & S of stone 3 1/2 ft distant
I raised a mound of earth 1 1/2 ft
high 3 1/2 ft base along side
the cor to Secs 2, 3, 10 &

Subdivisions
Tp 9 N. R. 12 W.

Chs	
	1/
	Land nearly level
	Soil 3rd rate
	Sage brush.
	I begin at cor to Se[illegible]
	3, 4, 33 & 34 on S bou[illegible]
	line, of being the 2d Standard Paral. [illegible] which is a [illegible]
	marked 3 notches E[illegible]
	notches W with mound op[illegible]
	Thence I run
	North bet Secs 33 & 8[illegible]
	Va 18° 10' E
1.50	Top of ridge bears E[illegible]
7.00	Hollow heads E.
10.00	Top of ridge bears E[illegible]
	Ground undulating
	sloping gradually to
35.00	Hollow heads E.
40.00	Set conglomerate 18x1[illegible]
	12 in in ground (on p[illegible]
	of small ridge bearing

Subdivis[illegible]
Tp 9 N. R[illegible]

for 1/4 Sec. c[illegible]
on W face.
18x12 N & S [illegible]
distant & [illegible]
mound o[illegible]
ft high [illegible]
along sid[illegible]
Top of rid[illegible]
Hollow h[illegible]
Top of ri[illegible]
Hollow h[illegible]
Top of ri[illegible]
Hollow h[illegible]
Top of ri[illegible]
Set Cong[illegible]
x 9. [illegible]
[illegible]
S & 3 not[illegible]
hollow [illegible]
cor to S[illegible]
Dug pi[illegible]
each S[illegible]
& raised [illegible]
earth & [illegible]
& 4 1/2 ft [illegible]

Subdivisions
Tp 9 N. R. 12 W.

for 1/4 Sec. cor. marked 1/4 on W face. Dug pits 18x18x12 N & S of stone 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
Top of ridge bears E & W.
Hollow heads E.
Top of ridge bears E & W.
Hollow heads E.
Top of ridge bears E & W.
Hollow heads NE
Top of ridge E & W.
Set Conglomerate 14x12 x9. 8 in in ground [illegible] marked 1 notch S & 3 notches E. (In hollow heading E) for cor to Secs 27, 28, 33 & 34
Dug pits 18x18x12 in each Sec 5 1/2 ft distant & raised a mound of earth & stones 2 ft high & 4 1/2 ft base alongside

Subdivisions
Tp 9 N. R. 12 W.

Chs	Land rolling mou[illegible] Soil rocky, gravel & loam spots. 3rd rate Sage-brush
	East on a random line bet Secs 27 & 34 Va 18°10' E. Line runs up hollow heading E.
40.00	Set temp 1/4 Sec cor. Ground rises gradua[illegible] to mountains on E.
80.40	Intersect N & S line [illegible] links N of cor to Sec 26, 27, 34 & 35. Thence I run N 89°52' W on a true line bet Sec 27 & 34 with same Va.
8.00	Ridge trans N.W. & S.E.
23.00	Enter [illegible] drain W.
40.20	Set Lava rock 13 x 8 x 4 in ground for 1/4 Sec cor. marked 1/4 on N

BOOK-A-21

Subdivi[illegible]
Tp 9 N R. 1[illegible]

Dug pits [illegible] of stone 5 1/2 [illegible] raised a [illegible] ft high [illegible] along side [illegible] The cor to [illegible] 33 & 34
Land rol[illegible]
Soil Grav[illegible]
Sage-bru[illegible]

North be[illegible]
Va [illegible]
Top of ri[illegible]
Sloping [illegible]
Hollow [illegible]
Top of [illegible]
Hollow [illegible]
Top of ri[illegible]
Hollow [illegible]
Ridge be[illegible]
Small [illegible]
Ridge [illegible]

Subdivisions
T 9 S R. 12 W

Dug pits 18x18x12 E & W
of above 5½ distant &
raised a mound 1½
ft high 3½ ft base
along side.
The cor to Secs 27, 28,
33 & 34
Land rolling mountains
Soil Gravel & rocky 3rd rate
Sage-brush.

North bet Secs 27 & 28
Va 18° 10' E.
Top of ridge bears E & W
Sloping to W.
Hollow heads E.
Top of ridge bears E & W.
Hollow heads E.
Top of ridge bears N W & S E.
Hollow heads S E
Ridge bears N W & S E.
Small hollow heads E.
Ridge bears N W &

Subdivisions
Tp 9 N R. 12 W.

Ch's	SE.
27.00	Hollow heads SE.
34.00	Ridge bears E & W.
40.00	Set Conglomerate 14
	6 (in hollow heading
	8 in in ground fo
	Sec cor. marked 1/4
	W face. Dug pits 18x
	N & S of stone 5½ ft d
	& raised a mound of
	1½ ft high 3½ ft base
	alongside.
42.50	Top of ridge bears N
44.00	Foot of ridge. Comm
	inner bench slightly
	undulating
49.50	Dry ditch drains to
	Inner bench slopes v
	gradually to W.
80.00	Set Lava rock 14x8x6-8
	in ground for cor t
	Secs 21, 22, 27 & 28. ma
	2 notches S & 3 notches
	Dug pits 18x18x12 in
	each Sec 5½ ft dista

BOOK-A-21

Subdivis
Tp 9 N. R. 1

& raised a
earth & sto
4½ ft base
Land roll
Soil gravel
Sage brus

East on
bet Secs 2
Va 18
Ground
to E.
Set temp
Intersect
links N
22, 23, 28
Thence
N 89° 51'
on a tr
22 & 27 wi
descends Ridg
Set Thus
in grou
bench) fo

Subdivisions
Tp 9 N. R. 12 W.

& raised a mound of
earth & stones 2 ft high
4½ ft base along side
Land rolling
Soil gravel 3rd rate
Sage brush.

East on a random line
bet Secs 22 & 27.
Va 18° 10' E.
Ground rises gradually
to E.
Set temp ¼ Sec cor.
Intersect N & S line 20
links N of cor to Secs
22, 23, 26 & 27.
Thence I min
N 89° 51' W
on a true line bet Secs
22 & 27 with same Va.
descends Ridge bears E & W.
Set Stone wck 10 x 6 x 4 6 in
in ground (on high
bench) for ¼ Sec cor

Subdivisions
Tp 9 N. R. 12 W.

marked 1/4 on N fa
Dug pits 18x18x12
of stone 6 1/2 ft dist
& raised a mound
ft high 3 1/2 ft base al
side
6000 Ledge high bench
80.10 The cor to Secs 21, 22
& 28.
Land rolling
Soil gravel 3rd
Sage brush.

North bet Secs 21 &
Va 18° 10' E.
Inner bench rises g
nally to W.
16.50 Ledge of rocks 46 ft to
35.00 Dry ditch drains W.
40.00 Set Limestone 12x10x
8 in in ground for
Sec cor marked 1/4 on
W face. Dug pits 18x18
N & S 5 1/2 ft distant f

BOOK-A-213

Subdivis
Tp 9 N. R.

stone & m
of earth 1
ft base alo
Stone set
Dry ditch
Set Lime
in in gr
to Secs 13
marked
3 notches
18x18x12 i
ft distan
mound
2 ft high
side
Land r
Soil 3rd
Sage bu

East o
line bet

Rise g

Subdivisions
T. 9 S. R. 12 W.

stone & raised a mound
of earth 1½ ft high 3½
ft base alongside
Stone set on mine bench
Dry ditch drains West
Set Limestone 12x9x8-8
in in ground for cor-
to Secs 15, 16, 22 & 21
Marked 3 notches S &
3 notches E. Dug pits
18x18x12 in each Sec 5½
ft distant & raised a
mound of earth & stone
2 ft high 4½ ft base along
side
Land rolling
Soil 3rd rate gravel.
Sage-brush.

East on a random
line bet Secs 22 & 15.
Da 18° 10' E.
Rise gradually

Subdivision
Tp 9 N. R. 12 W.

Chs	
40.00	Set temp 1/4 Sec cor.
80.00	Intersect E & S line 8
	links N of cor to Sec
	14, 15, 22 & 23.
	Thence Inn
	N 89° 45' W
	on a true line bet Sec
	22 & 15 with same Va
- 16.00	Leave mountains
40.00	Set Slate stone 18x8x8
	ins. in ground for 1/4
	Sec cor marked 1/4 on
	N face Dug pits 18x
	12 E & W of stone 5 1/2 ft
	distant & raised a
	mound of earth 1 1/2
	high 3 1/2 ft base along
45.00	Top of foot hills NE & S.
50.00	Commence foot hills NE
80.00	The cor to Secs 15, 16, 21
	22
	Land rolling
	Soil gravel & some alkal
	3rd rate
	Sage-brush

BOOK-A-213

Subdivisi
Tp 9 N. R.

North bet
Va
Ground e
to N & W.
Hollow hea
Commen
SW & E.
Road runs
Set Lines
8 in in g
bench) for
ed 1/4 on
18x18x12 N
from stor
mound
ft base. a
Top of ben
Commen
Set Thin
in in g
to Secs 9
ed 3 notc
S. Dug
each Sec
& raised

Subdivisions
T. 9 N. R. 12 W.

North bet Secs 15 & 16
Va 18° 15' E.
Ground slopes gradually
to N & W.
Hollow heads E.
Commence lower bench
SW & E.
Road runs SW & E.
Set Limestone 12 x 8 x 5-
8 in in ground (on lower
bench) for 1/4 Sec cor mark
ed 1/4 on N face. Dig pits
18 x 18 x 12 N & S 5 1/2 ft distant
from stone & raised a
mound 1 1/2 ft high 3 1/2
ft base. alongside
Top of bench ridge NE & SW.
Commence bottom
Set Flint rock 19 x 5 x 4-13
in in ground for cor
to Secs 9, 10, 15 & 16 mark
ed 3 notches E & 4 notches
S. Dig pits 18 x 18 x 12 in
each Sec 5 1/2 ft distant
& raised a mound of.

Subdivisions

Tp 9 N R. 12 W.

Chs	earth & stones 2 ft h
	4½ ft base alongsid
	Stone set on bottom
	Land rolling
	Soil gravel & loam in
	spots 3rd rate
	Sage-brush & some bu
	grass.
	East on a random li
	bet Secs 10 & 15
	Va 18° 10' E.
	Gradual rise
40.00	Set temp ¼ Sec. cor.
79.80	Intersect N & S line 4
	links N of cor to Secs
	10, 11, 14 & 15
	Thence Imm
	N 89° 42' W
	on a true line bet Secs
	10 & 15 with same Va.
19.00	A road N E & S W
39.90	Set Flint rock 12 x 5 x 4

BOOK-A-213

Subdivisio

9 N R 1

8 in in g
Sec cor m
face. D
E & W of
tant & va
1½ ft hig
along
30 Top of
0 Commen
at bottom
The cor to
16
Land
Soil 3rd
Sage-bru

North
Va
00 Set Lin
in gro
for ¼
¼ on
18 x 18 x 12

BOOK-A-213

Subdivisions
9 N R 12 W.

8 in in ground for 1/4
Sec cor marked 1/4 on N
face. Dug pits 18x18x12
E & W of stone 8 1/2 ft dis-
tant & raised a mound
1 1/2 ft high 3 1/2 ft base
along side
30 Top of ridge NE & SW.
10 Commencement of bench
at bottom of ridge NE & SW
The cor to Secs 9, 10, 15 &
16
Land rolling
Soil 3rd rate
Sage-brush

North bet Secs 9 & 10
Va 18° 10' E.
50 Set Limestone 14x8x4-8 in
in ground (on bottoms)
for 1/4 Sec. cor. marked
1/4 on W face. Dug pits
18x18x12 N & S of stone X

Subdivisions
Tp 9 N — R 12 W.

Chs	5½ ft distant & raise a mound 1½ ft high ft base along side.
80.00	Set Sandstone 16x12x1 12 in in ground for to Sec's 3, 4, 9 & 10. mar 3 notches E & 5 notches Dug pits 18x18x12 in each Sec 5½ ft dista & raised a mound of e 2 ft high 4½ foot base a side.
	Land rolling
	Soil gravel 3rd rate
	Sage-brush some gra
	East on a random h bet Secs 3 & 10
	Va 18° 10' E.
40.00	Set temp ¼ Sec cor
79.70	Intersect N & S line links N of cor to Sec 2, 3, 10 & 11

BOOK-A-213

Subdivisio
9 N. R. 12

	Thence I
	N 89° 56' W
	on a true
	3 & 10 with
5	Set Sands
	in grou
	cor mark
	Dug pits
	of stone
	raised a
	high 3½ f
70	The cor
	Land ne
	Soil 3rd ra
	Sage-brus
	North
	line bet
00	Set temp
05	Intersec
	line 47 lin
	3, 4, 33 & 3

Subdivisions

9 N. R. 12 W.

Thence Tyur
N 89° 56' W
on a true line bet Secs
3 & 10 with same Va,
Set Sandstone 12 x 6 x 4 - 8 in
in ground for 1/4 Sec
cor marked 1/4 on N face
Dug pits 18 x 18 x 12 E & W
of stone 5 1/2 ft distant &
raised a mound 1 1/2 ft
high 3 1/2 ft base alongside
The cor to Secs 3, 4, 9 & 10
Land nearly level
Soil 3rd rate gravel
Sage-brush.

North on a random
line bet Secs 3 & 4.
Va 18° 10' E.
Set temp 1/4 Sec cor
Intersect N boundary
line 47 links E of cor to Secs
3, 4, 33 & 34 set by one

Subdivisions
Tp 9 N R. 12 W.

Chs	under this contract
	Thence I run
	So° 20' E on a tru
	line bet Secs 3 & 4 with ea
39.05	Set Sandstone 18 x 14 x 10 12 in grou
	Sec cor marked ¼ on W
	Dug pits 18 x 18 x 12 N & S
	5½ ft distant & raised a
	mound 1½ ft high 3½ f
	base along side
79.05	The cor to Secs 3, 4, 9 &
	Land nearly level
	Soil 3rd rate
	Sage-brush
	Sept 18. 188

Sept 20. 1886. Standard
I begin at cor. to Secs
4, 5, 32 & 33 on South bo
ary of Tp which is a Limeston
18 x 18 x 7-10 in in ground marked
with 2 notches on W & 4 notches E
Thence I run
North bet Secs 32 & 33.
Va 18° 10' E.
-15.00 Leave bench E.W.
40.00 Set Shut rock 12 x 7 x 6.8

BOOK-A-213

bdivision
9 N R 12 W
in ground
marked ¼
pits 18 x 18 x 1
5½ ft distant
1½ ft high
side
Set Conglo
8 in in gr
to Secs 28,
marked
notches E.
18 x 12 in
ft distan
mound
2 ft high
alongsi
Land
Soil 3rd
Sage-bru

East
line be
Va

Subdivisions
9 N R 12 W.

in ground for 1/4 Sec cor
marked 1/4 on W face. Dug
pits 18x18x12 N & S of stone
5 1/2 ft distant & raised a mound of earth
1 1/2 ft high 3 1/2 ft base along
side
Set Conglomerate 14x10x8
8 in in ground for cor
to Secs 28, 29, 32 & 33
marked 1 notch S & 4
notches E. Dug pits 18x
18x12 in each Sec 5 1/2
ft distant & raised a
mound of stones
2 ft high 4 1/2 ft base
alongside.
Land nearly level
Soil 3rd rate
Sage brush.

East on a random
line bet Secs 28 & 33
Va 18° 10' E.

Subdivisions
Tp. 9 N. R. 12 W.

Chs	
40.00	Set temp 1/4 Sec. cor.
80.16	Intersect N & S line a[illegible]
	Corner to Secs 27. 28, [illegible]
	+84
	Thence I run West.
	on a true line bet S[illegible]
	28 & 33 with same Va.
25.00	Cave Bench
40.08	Set Sandstone 16x10x5-8
	in ground for 1/4 Sec
	marked 1/4 on N face
	Dug pits 18x18x12 E & W
	stone 5 1/2 ft distant &
	raised a mound of ea[illegible]
	1 1/2 ft high 3 1/2 ft base a[illegible]
	side
67.00	Top of bench N & S.
71.00	Foot of bench N & S.
80.16	The cor to Secs 28, 29, 3[illegible]
	33
	Land rolling
	Soil gravel & rocky 3rd [illegible]
	Sage-brush.

BOOK-A-213

Subdivisio[illegible]
[illegible] 9 N. R. [illegible]

North bet [illegible]
Va[illegible]
Wash dra[illegible]
Wash dra[illegible]
Set Lime[illegible]
in ground
marked 1/[illegible]
Dug pits
stone 5 1/2
raised a
high 3 1/2
Wash dr[illegible]
Set Lime
12 in in
cor to
29 Marp[illegible]
4 notche[illegible]
18x18x12
ft dista[illegible]
mound
2 ft hig[illegible]
along [illegible]
Land r[illegible]
Soil 3rd
Sage-br[illegible]

BOOK-A-213

Subdivisions
2 S. R. 12 W.

North bet Secs 28 & 29
Va 18° 10' E.
Wash drains W.
Wash drains W.
Set Limestone 12x6x6 - 8in
in ground for 1/4 Sec cor
marked 1/4 on W face
Dug pits 18x18x12 N & S of
stone 5 1/2 ft distant &
raised a mound 1 1/2 ft
high, 3 1/2 ft base alongside
Wash, drains W.
Set Limestone 16x10x6
12in in ground for
cor to Secs 20, 21, 28 &
29. Scribed 3 notches S &
4 notches E. Dug pits
18x18x12 in each Sec 5 1/2
ft distant & raised a
mound 3 ft earth & stones
2 ft high 4 1/2 ft base
alongside
Land rolling
Soil 3rd rate
Sage-brush.

Subdivisions
Tp. 9 N. R. 12 W.

Ch's	East on a random bet Secs 21 & 28. Va 18° 10' E.
40.00	Set temp ¼ Sec cor.
80.00	Intersect N & S line the corner to Sec's 21, 2[illegible] 28.
	Thence I run West on a true line bet [illegible] 21 & 28 with same Va.
40.00	Set Sandstone 12 x 8 x 6 in ground for ¼ Sec. [illegible] marked ¼ on N face Dug pits 18 x 18 x 12 E & [illegible] of Stone 5½ ft distant raised a mound of earth 1½ [illegible] high 3½ ft base along Stone set on bench.
50.00	Foot of bench N & S.
61.00	To wagon road to Om[illegible] N & S.
80.00	The cor to Secs 20, 21, 2[illegible] 27
	Land rolling.

BOOK-A-213

bdivisions
Tp. 9 N. R. 12

Soil gravel
Sage-brush

North bet
Va
Set Sands
in in gro
cor mark
face Dug
N & S of sto
& raised a
earth 1½ [illegible]
base along
Set Sandst
in ground
16, 17, 20 & 21
S & 4 notch
18 x 18 x 12 in
distant & [illegible]
of earth & st
ft base alo
Land ne
Soil Gra
3rd rate.

Subdivisions
Tp 9. N. R. 12 W.

Soil gravel & rocky 3rd rate
Sage-brush.

North bet Secs 20 & 21
Va 18° 10' E.
Set Sandstone 14x8x7-8
in in ground for 1/4 Sec
cor marked 1/4 on W
face. Dug pits 18x18x12
N & S of stone 5 1/2 ft distant
& raised a mound of
earth 1 1/2 ft high 3 1/2 ft
base along side.
Set Sandstone 14x8x5-8 in
in ground for cor. to Secs
16, 17, 20 & 21. Marked 3 notches
S & 4 notches E. Dug pits
18x18x12 in each Sec 5 1/2 ft
distant & raised a mound
of earth & stones 2 ft high 4 1/2
ft base along side
Land nearly level
Soil Gravel & loam in spots
3rd rate.

Subdivisions

Tp 9. N. R. 12 W.

Chs	Sage-brush & Bunch
	East on a random bet Secs 16 & 21 Va 18° 10' E.
40.00	Set temp ¼ Sec cor.
80.22	Intersect N & S line a corner [illegible] to Secs 21 & 22
	Thence I run West
	on a true line bet Se 16 & 21 with same Va
33.00	Bench N & S.
37.50	Road runs N & S. Foot of
40.11	Set Limestone 14 x 7 x 10 in in ground for Sec cor marked ¼ on face. Dug pits 18 x 18 x 1 W of stone 5½ ft dista & raised a mound of 1½ ft high 3½ ft base al
80.22	The cor to Secs 16. 17

BOOK A 213

Subdivisio

Tp 9 N. R.

21

Land rolli

Soil gravel

Sage brush

North bet

Va 18°

Set Red 2 a

8 in in g

cor marke

Dug pits 18

stone 5½ f

raised a

½ ft high

Stone set a

hills N E &

Through

Set Sand

8 in in g

to Secs 8.

4 notches

Dug pits

Sec 5½ ft

Subdivisions
Tp 9 S. R. 12 E.

21
Land rolling
Sil. gravel 3rd rate
Sage brush.

North bet Secs 16 & 17
Va 18° 10' E
Set Redsandstone 12x6x6
8 in in ground for 1/4 Sec
cor marked 1/4 on ft. Sec
(1) Dig pits 18x18x12 N & S of
stone 5 1/2 ft distant &
raised a mound of earth
1 1/2 ft high 3 1/2 ft base.
Stone set at edge of sand
hills NE & SW.
Through Sand hills
Set Sandstone 12x6x6
8 in in ground for cor
to Secs 8, 9, 16 & 17 marked
4 notches S & 4 notches E.
Dig pits 18x18x12 in each
Set 5 1/2 ft distant & raised

Subdivisions
T. 9 S. R. 12 W.

This a mound of earth
2 ft high 4½ ft base a
side.
Land rolling
Soil 4th rate. Sand
Sage-brush

East on a random
bet Secs 9 & 16.
Va 18° 10' E.
40.00 Set temp ¼ Sec cor.
60.38 Intersect N & S line
of cor to Secs 9, 10, 15
Thence S mm
S 89° 53' W
on a true line bet Se
9 & 16 with same Va.
40.19 Set Sandstone 12x8x6
in in ground for
Sec cor marked ¼ on
face. Dug pits 18x18x1
E & W of stone 3½ ft d
& raised a mound 2 ft

BOOK-A-213

Subdivisions

Tp 9 N. R. 12 W.

high 4½ ft base alongside
The cor to Secs 8, 9, 16 & 17
Land nearly level
Soil 3rd rate
Sage brush.

North bet Secs 8 & 9
Va 18° 10' E.
Leave bench enter Flats
NE & SW.
Set Limestone 12 x 5 x 4
8 in in ground for ¼
Sec cor marked ¼ on
W face Dug pits 18 x 18 x 12 N &
S of stone 5½ ft distant
& raised a mound of
earth & rocks 1½ ft high
3½ ft base alongside
Set Trachite 18 x 10 x 8 - 12
in in ground for cor to
Secs 4, 5, 8 & 9 marked 5
notches S & 4 notches E.
Dug pits 18 x 18 x 12 in each

Subdivisions
Tp 9 N R 12 W.

Chs Sec 5½ ft distant & p
a mound of earth &
2 ft high 4½ ft base
alongside.
Land rolling
Soil alkali 4th rate
Sagebrush & Shadsc

East on a random
bet Secs 4 & 9.
Va 18° 10' E.
40.00 Set temp ¼ Sec. cor.
80.10 Intersect N & S line 12
N of cor to Secs 3, 4, 9 &
Thence I run
N 89° 55' W
on a true line bet Secs
9 with same Va.
40.05 Set Sandstone 12 x 8 x 6
in in ground for
Sec cor marked ¼ on
face Dug pits 18 x 18 x 12
W of stone 5½ ft dist

BOOK-A-213

Subdivision
Tp 9 N R. 12 W

& raised a
earth 1½ ft
base along
To bench
The cor to
9
Land roll
Soil alkal
rate
Sagebrush

North bet
line bet
Va
Set temp
Intersect
Tp 20 link
4, 5, 32 & 33.
This contr
Thence I
a true line
Set Lime
8 in in g

Subdivisions
Tp 9 N R. 12 W.

& raised a mound of earth 1½ ft high 3½ ft base alongside.
To bench
The cor to Secs 4, 5, 8 & 9
Land rolling
Soil alkali & gravel 4th rate
Sagebrush.

North bet a random line bet Secs 4 & 5.
Va 18°10' E.
Set temp ¼ Sec. cor.
Intersect N boundary to Tp 20 links E of cor to Secs 4, 5, 32 & 33. set by me under this contract.
Thence Trim S0°.09 E on a true line bet Secs 4 & 5 with same Va
Set Limestone 12 x 10 x 6
8 in in ground for ¼

Subdivisions
Tp 9 N. R. 12 W.

Chs Sec cor marked 1/4 on
face. Dug pits 18x18x1
& S of stone 5 1/2 ft dist
& raised a mound of ear
ft high 3 1/2 ft base al
79.25 The cor to Secs 4, 5, 8.
Land nearly level
Soil gravel 4th rate
Sage brush.
Sept 20. 188

Sept 21. 1886
I begin at Standard cor to Sec
31, 32, ~~[illegible]~~ on S bound
of Tp. which is a Limestone
8 in in ground marked S
1 notch on W & 5 notches on E
Thence I run
North bet Secs 31 & 32
Va 18° 10' E.
40.00 Set Limestone 12x5x
in ground for 1/4 Sec
marked 1/4 on W face.
pits 18x18x12 N & S of stone
5 1/2 ft distant & raised

BOOK-A-213

Subdivisions
Tp. 9. N. R.

mound of ear
ft base alo
Set Limeso
in in grou
Secs 29, 30,
1 notch S &
Dug pits 1
Sec 5 1/2 ft
a mound
2 ft high
alongside
Land n
Soil alka
4th rate
Sage brush

East on a
bet Secs 2
Va
Set temp.
Intersect
links North
28, 29, 32

Subdivisions
Sp. G. R. 12 W.

mound of earth 1½ ft high 3½
ft base alongside
Set limestone 17x10x8-10
in in ground for cor to
Secs 29, 30, 31 & 32. Marked
1 notch S & 3 notches E.
Dig pits 18x18x12 in each
Set 3½ ft distant & raised
a mound of earth & rocks
2 ft high 4½ ft base
alongside
Land nearly level
Soil alkali & sand
4th rate
Sage brush.

East on a random line
bet Secs 29 & 32
Va 18° 10' E.
Set temp ¼ Sec cor
Intersect N & S line 14
links North of cor to Secs
28, 29, 32 & 33.

 Subdivisions

Tp 9 N. R. 12 W.

Chs	Thence I run
	N 89° 54' W
	on a true line bet
	29 & 32 with same Va.
39.95	Set Limestone 12 x 8 x 6
	in ground for 1/4 Sec
	marked 1/4 on N fac
	Dug pits 18 x 18 x 12 E
	of stone 5 1/2 ft distan
	raised a mound
	1 1/2 ft high 3 1/2 ft bas
	alongside
50.00	Foot of bench N & S deci
79.90	The cor to Secs 29. 8
	& 32.
	Land rolling
	Soil Alkali 4th Va
	Sage-brush.
	West on a random li
	bet Secs 30 & 31
	Va 18° 10' E.
40.00	Set temp 1/4 Sec cor

BOOK-A-213

Subdivisio

Tp 9 N. R. 12

Intersect W
cor to Secs 25. 30.
Thin rock 16 x 19 x
marked 1 notch
Thence I
on a true
30 & 31 with
Set Sandsto
in ground
marked 1/4
Dug pits
of stone 5
raised a
high 3 1/2
Stone Set
The cor to
& 32.
Land sl
Soil Sand
Sage-brus

Subdivisions
E. 9 N. R. 12 W.

Intersect W boundary at
cor to Secs 25, 30, 31 & 36 which is a
Thin rock 16x10x10-12 in in ground
marked 1 notch S & 5 notches N.
Thence I run E
on a true line bet Secs
30 & 31 with same Va.
Set Sandstone 14x8x3-8 in
in ground for 1/4 Sec cor
marked 1/4 on N face.
Dug pits 18x18x12 E & W
of Stone 5 1/2 ft distant &
raised a mound of earth 1 1/2 ft
high 3 1/2 ft base alongside
Stone Set at foot of bench
The cor to Secs 29, 30, 31
& 32.
Land slightly rolling
Soil Sandy 4th rate
Sage-brush.

Subdivisions

Tp 9 N. R. 12 W.

Clis	North bet Secs 29 &
	Va 18° 10' E.
40.00	Set Limestone 14 x 6 x
	10 in in ground
	Sec cor marked ¼ on
	W face Dug pits 18 x 1
	N & S of stone 5½ ft di
	& raised a mound of earth ½
	high 3½ ft base along
80.00	Set Limestone 16 x 8 x
	10 in in ground for
	to Secs 19, 20, 29 & 30. Ma
	2 notches S & 5 notches
	Dug pits 18 x 18 x 12 in
	Sec 5½ ft distant & rai
	a mound of earth & r
	2 ft high 4½ ft base
	alongside.
	Land nearly level
	Soil Sand & alkali
	Sage-brush.

BOOK-A-2

Subdivision

Tp 9 N R 12

East on a

bet Secs 2

Va 1

Set temp

Intersect

links N o

20, 21, 28 &

Thence S

N 89° 54'

on a true

& 29 with

Set Limes

in ground

marked

pits 18 x 18

5½ ft dis

mound of

3½ ft bas

The cor

30.

Land n

Soil Gr

spots 3

Sage-br

Subdivisions
T 9 N R 12 W.

East on a random line
bet Secs 20 & 29,
Va 18° 10' E
Set temp ¼ Sec cor.
Intersect W & S line 15
links N of cor to Secs
20, 21, 28 & 29.
Thence Again
N 89° 54' W
on a true line bet Secs 20
& 29 with same Va.
Set Limestone 14 x 8 x 5 - 10 in
in ground for ¼ Sec cor
marked ¼ on N face. Dug
pits 18 x 18 x 12 E & W of stone
5½ ft distant & erected a
mound of earth 1½ ft high
3½ ft base alongside
The cor to Secs 19, 20, 29 &
30.
Land nearly level
Soil Gravel with loam in
spots 3rd rate
Sage-brush.

Subdivisions

Tp 9 N. R. 12 W.

Chs	West on a random bet Secs 19 & 30.
	Va 18° 10' E.
40.00	Set temp ¼ Sec cor
80.04	Intersect W boundary Tp 30 links N of cor to Secs 19. 24 & 30 which is a Limestone 14x12x marked with 2 notches on S & 40 on north edges with mound & pits. Thence Trun N on a true line bet Secs 19 & 30 with same Va.
40.04	Set Limestone 14x12x8 in in ground for ¼ cor marked ¼ on N. Dug pits 18x18x12 E & stone 5½ ft distant & a mound of earth 1½ high 3½ ft base along
80.04	Bench N & S
80.04	The cor to Secs 19. 20. 2 & 30
	Land nearly level
	Soil alkali 4th rate
	Sage brush.

BOOK-A-2

Subdivisions

Tp 9 N. R. 1

North bet

Va 18

Set Sand

10 in in g

Sec cor

W face. D

N & S of sto

& raised a

high 3½ f

Rolling

Set Sand

in in gr

Secs 17, 18,

3 notches

Dug pits

Sec 5½ ft

mound

4½ ft ba

End of

Land n

Soil sa

Sage br

BOOK-A-213

Subdivisions
T. 9 S. R. 12 E.

South bet Secs 19 & 20
Va 18° 10' E.
Set Sandstone 14x10x3
10 in in ground for 1/4
Sec cor marked 1/4 on
W face. Dug pits 18x18x12
W & S of stone 5 1/2 ft distant
raised a mound 1 1/2 ft
high 3 1/2 ft base along side
Rolling sandhills
Set Sandstone 18x10x7-12
in in ground for cor to
Secs 17, 18, 19 & 20 marked
3 notches S & 5 notches E
Dug pits 18x18x12 in each
Sec 5 1/2 ft distant raised a
mound of rocks 2 ft high
4 1/2 ft base along side
E end of Sandhills
Sand rolling
Soil very dry 3rd rate
Sage brush.

Subdivisions

Tp 9 N. R. 12 W.

Ch's	East on a random line bet Secs 17 & 20 Va 18° 10' E.
40.00	Set temp 1/4 Sec cor.
80.00	Intersect N & S line links N of cor. Secs 16, 17, 20
	Thence I run N 89° 44' W.
	on a true line bet 17 & 20 with same Va.
40.00	Set Sandstone 12x10x4 in ground for 1/4 Sec cor marked 1/4 on N face. Pits 18x18x12 E & W of etc 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 base alongside
50.00	Through Sand hills
75.00	Wash drains N W.
80.00	The cor to Secs 17, 18, 19
	Land rolling
	Soil Sandy 3rd rate
	Sage brush

BOOK-A-21

Subdivis

Tp 9 N R 1

West on a
bet Secs
Va 18
Set temp
of bench
Intersect
25 lks N of co
13 & 24 which
marked with
N edges with regg
The
on a tr
18 & 19 with
26 Set Sand
in ground
marked
pits 18x18
5 1/2 ft d
a mou
high 3 1/2
50 Bench
26 The cor
Land
Soil San
3rd rate
Sage

Subdivisions

Tp 9 N R 12 W.

Weston a random line bet Secs 18 & 19
Va 18° 10' E
Set temp 1/4 Sec cor at foot of bench N & S.
Intersect W boundary to Tp 25 lks N of cor to Secs 18, 19, 13 & 24 which is a Limestone 15 x 9 x 5 marked with 3 notches on E & 3 notches on N edges with regulation mound & pits. Thence I run N 82° 49' E on a true line bet Secs 18 & 19 with same Va.
26 Set Sandstone 12 x 10 x 3-8 in in ground for 1/4 Sec cor marked 1/4 on N face Dug pits 18 x 18 x 12 E & W of stone 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside Bench N E & S.
26 The cor to Secs 17, 18, 19 & 20
Land rolling
Soil Sandy with some gravel
3rd rate
Sage brush

Subdivisions
Tp 9 N. R. 12 W.

Chs	North bet Secs 18 & 17
	Va 18° 10' E.
1.00	Wash drains W.
40.00	Set Sandstone 18 x 10 x 6
	in in ground for 1/4
	cor marked 1/4 on W fa
	Dug pits 18 x 18 x 12 N &
	stone 5 1/2 ft distant & ra
	a mound of earth 1 1/2 ft high 3
	base alongside
60.00	Leave bench NE & SW.
80.00	Set Sandstone 20 x 10 x
	15 in in ground for
	to Secs 7, 8, 17 & 18 mark
	4 notches S & 5 notches E
	Dug pits 18 x 18 x 12 in
	each Sec 5 1/2 ft distan
	raised a mound of
	earth & rocks 2 ft hig
	4 1/2 ft base alongside
	Land rolling
	Soil 4th rate
	Sage brush.

BOOK-A-213

Subdivisions
9 N. R. 12 W

	East on a
	bet Secs 8
	Va 18
0	Set temp
	Intersect
	links N of co
	17
	Thence
	N 89° 39' W
	on a tru
	8 & 17 with
9	Set Sands
	in grou
	marked
	Dug pit
	of stone
	raised a
	high 3 1/2 &
	Stone Set
18	The cor
	18
	Land
	Soil sa
	Sage bru

BOOK-A-213

Subdivisions
9 N. R. 12 W.

East on a random line
bet Secs 8 & 17.
Va 18° 10' E.
10 Set temp 1/4 Sec cor.
Intersect N & S line 50
links N of cor to Secs 8, 9, 16 &
17
Thence Sum
N 89° 39' W
on a true line bet Secs
8 & 17 with same Va.
9 Set Sandstone 12 x 10 x 3-8 in
in ground for 1/4 Sec cor
marked 1/4 on N face
Dug pits 18 x 18 x 12 E & W
of stone 5 1/2 ft distant &
raised a mound of earth 1 1/2 ft
high 3 1/2 ft base alongside
Stone set on bench
18 The cor to Secs 7, 18, 17 &
18
Land rolling
Soil sandy 4th rate
Sage brush.

Subdivisions
Tp. 9 N R. 12 W.

Chs	West on a random bet Secs 7 & 18 Va 18° 10' E
40.00	Set temp 1/4 Sec. cor.
80.30	Intersect W boundary at cor to Secs 7.18 & 13 which is a volcanic rock 12x[illegible] Marked with 4 notches on [illegible] notches on N edges with regulation mound & pits. Thence [illegible] on a true line bet [illegible] 7 & 18. with same Va.
40.30	Set Sandstone 12x8x4 in ground for 1/4 Sec cor marked 1/4 on N face pits 18x18x12 E & W of stone 5 1/2 ft distant & raised mound 1 1/2 ft high 8 ft base along side
80.30	The cor to Secs 7.8.17 & Land nearly level Soil 3rd rate Sage brush.

BOOK-A-213

Subdivisi[illegible]
Tp 9 N R. 12 [illegible]

North bet[illegible]
Va [illegible]
Set Sands[illegible]
in in gro[illegible]
cor mark[illegible]
Dug pits [illegible]
stone 5 1/2 [illegible]
a mound [illegible]
ft base a[illegible]
Set Lime[illegible]
8 in in g[illegible]
to Secs 5[illegible]
5 notches [illegible]
Dug pits [illegible]
Sec 5 1/2 ft [illegible]
a mound [illegible]
ft high [illegible]
along sid[illegible]
Land [illegible]
Soil [illegible]
Sage br[illegible]

BOOK-A-213

Subdivisions
T2 S4 R.12 W.

North bet Secs 7 & 8.
Va 18° 10' E.
Set Sandstone 15x8x6-10
in in ground for 1/4 Sec
cor Marked 1/4 on W face
Dug pits 18x18x12 N & S
stone 3 1/2 ft distant & raised
a mound of earth 1/2 ft high 3 1/2
ft base alongside
Set Limestone 14x10x5
8 in in Ground for cor
to Secs 5, 6, 7 & 8 marked
5 notches S & 5 notches E.
Dug pits 18x18x12 in each
Set 3 1/2 ft distant & raised
a mound of rocks 2
ft high 4 1/2 ft base.
alongside
Land nearly level
Soil Gravel 3rd rate
Sage brush

Subdivisions

Tp 9 N. R. 12 W

Chs	East on a random line bet Secs 5 & 8.
	Va 18° 10' E.
40.00	Set temp 1/4 Sec cor.
79.80	Intersect N & S line 2 N of cor to Secs 4, 5, 8
	Thence Imm
	N 89° 50' W
	on a true line bet Secs 5 & 8 with same Va.
39.90	Set Limestone 12 x 7 x 5 in in ground for 1/4 cor marked 1/4 on N. face Dug pits 18 x 18 x 12 E & W stone ~~5 1/2 ft~~ distant & raised a mound 1 1/2 ft high 8 1/2 ft base. alongside
79.80	The cor to Secs 5, 6, 7 & 8
	Land rolling
	Soil Sandy 4th rate
	Sage brush

BOOK-A-213

Subdivisions

Tp 9 N. R. 12

	West on a r bet Secs 6 &
	Va 18
	Set temp 1/4
	Intersect N 15 lks N of cor which is volc with 5 notch with regulation on N. edges
	on a true with same
	Set Sands in ground marked pits 18 x 18 x 1 ft distant 1 1/2 ft high
	The cor to Land r
	Soil 4th
	Sage bru

Subdivisions
T 9 N R. 12 W.

West on a random line
bet Secs 6 & 7
Va 18° 10' E
Set temp 1/4 Sec. cor.
Intersect W boundary to Tp
15 lks N of cor to Secs 6, 7, 1 & 1, 2 &
which is volcanic rock 18 x 9 x 9 marked
with 5 notches on S & 1 notch
on N. edges with regulation of mound & pits Thence Temp N 89° 54' E
on a true line bet Secs 6 & 7
with same Va.
Set Sandstone 12 x 5 x 5 - 8 in
in ground for 1/4 Sec cor
marked 1/4 on N face Dug
pits 18 x 18 x 12 E & W of stone 5 1/2
ft distant & raised a mound of earth
1 1/2 ft high 3 1/2 ft base along side
The cor to Secs 5, 6, 7 & 8
Land nearly level
Soil 4th rate
Sage brush.

Subdivisions

Tp 9 N. R. 12 W.

Chs	North on a random bet Secs 5 & 6
	Va 18° 10' E.
40.00	Set temp ¼ Sec cor
79.50	Intersect N boundary 37 links E of cor to Secs 5, 6, 7 Set by me under this contr Thence Turn S 0° 16' E on a true line bet Secs with same Va.
39.50	Set Limestone 14 x 8 x 7 in ground for ¼ Sec c marked ¼ on W face. D pits 18 x 18 x 12 N & S of stone 5½ ft distant & raised mound 1½ ft high 3½ f base alongside
79.50	Cor to Secs 5, 6, 7 & 8
	Land nearly level
	Soil 4th rate
	Sage brush.
	Sept 21. 188

BOOK-A-213

Tp 9 N. R. 12

General D

This Town
in the N
in the S
The level
tains a g
the S E or
portion
There is
timber
Sage brus
parts of
The lan
for herd
the wint
climate

Tp 9 N. R. 12 W.

General Description

This Township is level in the N.W. & mountainous in the S.E.
The level portion contains a great deal of alkali the S.E. or mountainous portion is generally loam
There is no water or timber on the Township
Sage brush grows on all parts of the Township
The land is now used for herding sheep in the winter months, the climate being mild.

Edmund Mikes

Chas. S. Betts
M.S. Dep. Sur.

BOOK-A-213

SURVEYOR GENERA

Salt Lake City, Ut

The foregoing field no

Subdivisi

ship No. 9 N

e Salt Lake Meridia

Second Wil

er Contract No. 1

of June

September

mined, the necessar

le, the said field no

hereby approved.

Wi

SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *1887*

The foregoing field notes of the ..... *survey of the*
Subdivisions

ship No. 9 N *Range No.* 12 W.
e Salt Lake Meridian. Executed by
Samuel Wilkes & C. S. Betts
er Contract No. 140 *of the* 24th
of June *1886, in the month of*
September *1886, having been critically*
mined, the necessary corrections and explanations
de, the said field notes, and the surveys they describe
hereby approved.

William G. Bouman
U. S. Surveyor General for Utah.

BOOK-A-213

ORT:

ined by John H.

cribed by Jennie

ared by Guy D. Hort

FIELD

OF THE SUR

West bo

nship No. 10

ge No. 11

SALT LAK

UTAH T

AS SU

mund Welke

U. S. D

Under his Contra

ated June

rvey commenced

rvey completed

BOOK-A-213

107

ORT:

188

ined by John H. Crumpe.

scribed by Jennie V. Bowman,

ared by Guy D. Horton & John H. Crumpe

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

wnship No. 10 North

nge No. 11 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

mund Helkes & Chas S. Betts

U. S. Deputy Surveyor,s

Under his Contract No. 140

ated June 24th 1886

urvey commenced Sept 28 1886

urvey completed " 28 1886

1. 7

NAMES AND DUTIES OF ASSISTAN

Chas S. Wilkes	Compas
Chas A. Prescott	Chainm
Wm W. Phelps	Chainm
Adolph Harris	Chainm
Andrew Smith	Chainm
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

West T

Tp. 10 N. R. 11

Survey

Sept 28, 188

Abraham's

Theodolyte

I begin a

9 & 10 N. Rs

me under th

Thence

North. on

bet. said

V

Set tempy

mile corners

80 chs. - On th

Intersect the

Tp. 56 lks E

10 & 11 N. Rs

is a stone 1

with 6 not

The fom cor

regulation

Then

S. 0°-24' E. o

along the

BOOK-A-213

West Boundary
No. 10 N. R. 11 W. S. L. Mer

Survey commenced
Sept. 28, 1886. with an
Abraham's Improved
Theodolyte
I begin at cor. to Tps.
9 & 10 N. Rs 11 & 12 W. set by
me under this contract.
Thence I run
North. on a random line
bet. said Tps.
Va. 18° 10' E.
Set temp. half-mile &
mile corners at each 40 &
80 chs. - On the 6th mile at
intersect the N. boundary of
Tp. 56 Lks E. of cor. to Tps.
10 & 11 N. Rs 11 & 12 W. which
is a stone 14 x 8 x 6", Marked
with 6 notches on each of
the four corners, with
regulation mound, & pits.
Thence I run
S. 0° 24' E. on a true line
along the W. boundary of

West Boundary
T/o 10 N. R. 11 W.

chs	
	sec. 6.
	with same Va.
	Over nearly level gro
38,20	Set pine post 3 ft long
	square, with marked
	12" in the ground. for 1/4
	Cor. marked 1/4 s. on W. f
	dug pits 18 + 18 + 12" N.
	post. 5 1/2 ft dist. + raised
	mound of Earth 1 1/2 ft
	3 1/2 ft base around post.
60.00	Leave flat – Enter bu
78,20	Set Conglomerate stone
	16 + 8 + 6", 12" in the ground
	for Cor. to secs. 1. 6. 7 + 12
	marked with 1 notch
	N. + 5 notches on S. Edge
	dug pits 18 + 18 + 12" in Ea
	sec. 5 1/2 ft dist. + raised
	mound of Earth 2 ft h
	4 1/2 ft base alongside.
	Land. level + rolling bu
	Soil. sandy – 3 rate
	sage + greasewood

BOOK-A-21

West B
T/o 10 N. R.

S. 0° 04' E. o
along W. bo
on bench
18 + 13 + 8", 1
for 1/4 sec. co
W. face; on
N. + S. of sto
raised a m
high. 3 1/2 ft.
Foot of Mo
Over broken
Set Congl
10 + 8", 12" i
to secs. 7. 1
with 2 n
notches o
18 + 18 + 12" in
+ raised a
2 ft high. 4 1/
Land. ro
Soil. sa
S

BOOK-A-213

West Boundary
No 10 N. R. 11 W.

S. 0° 04' E. on a true line
along W. boundary of Sec. 7.
Va. 18° 10' E.
on bench - set limestone
18 x 13 x 8", 10" in the ground
for 1/4 sec. cor. marked 1/4 on
W. face; dug pits 18 x 18 x 12"
N. & S. of stone; 5 1/2 ft dist. and
raised a mound of Earth 1 1/2 ft
high. 3 1/2 ft base alongside.
Foot of Mounts - leave bench -
Over broken & ascending ground.
Set Conglomerate stone 18 x
10 x 8", 12" in the ground for cor.
to Secs. 7, 12, 13 & 18, marked
with 2 notches on N. & 4
notches on S. Edges; dug pits
18 x 18 x 12" in Each sec. 5 1/2 ft dist.
& raised a mound of Earth
2 ft high. 4 1/2 ft base alongside.
Land. rolling & ascending
Soil. sandy & gravelly - 3rd rate.
Sagebrush

West Boundary

Tp. 10 N. R. 11 W.

chs	
	S. 0°04' E. on a true line
	Along W. boundary of sec.
	Va. 18°10' E.
	Up mountain side
20.00	N. brow of mts
25.00	Ravine. drains N. W.
29.00	Ridge. bs W.-breaks off at 5
33.00	Ravine. drains S. W.
36.50	Ridge. descends S. W.
39.00	Ravine. drains S. W.
40.00	Set conglomerate stone
	18×12×8. 10 in the ground
	for 1/4 sec. cor. marked 1/4
	W. face; dug pits 18×18×1
	N. & S. of stone. 5½ ft dist.
	raised a mound of Earth
	high. 3½ ft base alongside
47.50	Ridge. descends S. W.
59.00	Ravine. drains S. W.
80.00	Set limestone 13×8×6. 10
	the ground for Cor. to sec
	13. 18. 19 & 24. Marked with
	3 notches on N. & S. Edge
	dug pits 18×18×12 in Each

BOOK-A-213

West B

Tp. 10 N. R.

5½ ft dist. &
of Earth 2
base alo
Land. ro
Soil. San
3d &

S. 0°04' E.
Along W. b

00 On W. slop
limestone
ground, fo
1/4 on W. fa
N. & S. of st
raised a
high. 3½ ft
Descend
00 At foot of
bearing
12×10×5
Cor. to s

West Boundary
Tp. 10 N. R. 11 W.

5½ ft dist. & raised a mound
of Earth 2 ft high. 4½ ft
base alongside.
Land, rolling mountains
Soil, sandy & rocky—
3rd & 4th rate
Sagebrush

S. 0° 04' E. on a true line
Along W. boundary of Sec. 19.
(Va. 18° 10' E.
00 On W. slope of hills, set
limestone 15 x 8 x 5", 10" in the
ground, for 1/4 sec. cor. marked
1/4 on W. face; dug pits 18 x 18 x 12
N. & S. of stone, 5½ ft dist. and
raised a mound of Earth 1½ ft
high. 3½ ft base alongside.
Descend from high ground.
00 At foot of mounts on East,
bearing N. W. — set limestone
12 x 10 x 5", 8" in the ground for
Cor. to Secs. 19, 24, 25 & 30.

West Boundary

T/p 10 N. R. 11 W.

chs	marked with 4 notches N. & 2 notches on S. Ed. Dug pits 18×18×12" in Ea. sec. 5½ ft dist. & raised mound of Earth 2 ft hi. 4½ ft base alongside. Land, rolling, broken & roc. Soil, gravelly & rocky. 4th rate Sagebrush.
	S. 0° 04' E. on a true line along W. boundary of sec. 3 Va. 18° 10' E.
	over rolling bench,
40.00	Set limestone 18×13×4" in the ground for ¼ sec. Marked ¼ on W. face: dug pits 18×18×12" N. & S. of sto. 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.
50.00	Leave bench

BOOK A-213

West B

T/p. 10 N. R

On ridge, o
Set Conglom
×6", 12" in
to secs. 25
with 5 not
on S. Edges;
in Each se
raised a m
2 ft high. 4½
Land, rol
Soil, gra
3d
Sa

S. 0° 04' E.
Along W. b

Cañon, h
Ridge, d
Cañon, h
Set limest
the ground
Marked ¼

West Boundary
No. 10 N. R. 11 W.

On ridge, descending E.
Set Conglomerate Stone 16x12
x6", 12" in the ground, for cor.
to secs. 25, 30, 31 & 36, marked
with 5 notches on N. & 1 notch
on S. edges; dug pits 18x18x12"
in each sec. 5½ ft dist. and
raised a mound of earth
2 ft high, 4½ ft base alongside
Land, rolling
Soil, gravelly & stony—
3rd & 4th rate
Sagebrush.

S. 8° 04' E. on a true line
Along W. boundary of sec. 31.
Va. 18° 10' E.

Cañon, heads W.
Ridge, descends E.
Cañon, heads W.
Set limestone 20x10x8", 16" in
the ground, for 1/4 sec. cor.
Marked 1/4 on W. face; dug pits

West Boundary

T/p 10 N. R. 11 W.

chs	18×18×12 N. & S. of Stone, dist. & raised a mound Earth 1½ ft high. 3½ ft base alongside.
60.00	Ridge, descends E.
80.00	The cor. to Tps. 9 & 10 N. 11 & 12 W.
	Land, mountainous & bro
	Soil, gravelly & rocky - 3
	Sagebrush
	September 28

General Descriptio

This line is through the rough & rocky Hogup Mountains. Exc the northern 1¾ miles, which is flat & ascendin bench. In the mounta sage is rather sparse save in the intervales,

BOOK-A-213

West B

T/p 10 N. R.

where it is
& also som
The bench
are well co
sage & gr

Edu

Ch

West Boundary

T/p 10 N. R. 11 W.

where it is abundant & also some bunch-grass. The bench & flat lands are well covered with sage & greasewood.

Edmund Wilkes

Chas. S. Betts
U.S. Dep. Surv.

BOOK-A-213

SURVEYOR GENERAL'

Salt Lake City, Uta

The foregoing field note

West Boun

nship No. 10 N

he Salt Lake Meridian.

mund Wilke

der Contract No. 1H

y of June

Sept.

mined, the necessary

de, the said field note

e hereby approved.

Wells

U.

SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 1887

The foregoing field notes of the ..... *survey of the*

West Boundary

nship No. 10 N *Range No.* 11 W

he Salt Lake Meridian. Executed by

rund Wilkes & Chas S. Betts

der Contract No. 140 *of the* 24th

of June *1886, in the month of*

Sept. *1886, having been critically*

mined, the necessary corrections and explanations

de, the said field notes, and the surveys they describe

e hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-213

ORT:

ined by John H. C

scribed by Kate Bo

ared by Guy P. Hor

FIELD N

OF THE SURV

North

OF

nship No. 10 N

ge No. 11 We

OF T

SALT LAKE

I

UTAH TE

AS SURV

Wilkes and C

U. S. Dep

Under his Contract

ated June

rvey commenced

rvey completed

2. 5

BOOK-A-213

121

ORT: .....

..... 188

ined by John H. Campbe.

cribed by Kate Bowman.

pared by Guy D. Norton & John H. Campbe.

FIELD NOTES

OF THE SURVEY OF THE

North boundary

wnship No. 10 North

nge No, 11 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Wieres & C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

ated June 24th 1886

rvey commenced Oct 2 1886

rvey completed Oct 2 1886

2.

5

NAMES AND DUTIES OF ASSISTAN

Chas S. Wilkes	Compass
Chas A. Prescott	Chainma
Wm W. Phelps	Chainma
Adolphe Harris	Chainma
Andrew Smith	Chainma
Harry R. Jacobs	Axeman
Lewis A Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

North B

T/o 10 N. R. 11

Survey c

Oct. 2 188

Pike & Son's

solar atta

I begin

Cor. to Tps. 1

W. which is

marked wit

each of the

with regul

pits.

Thence

East. on a

N. boundar

Over alka

Road, bea

set flint s

in the gro

marked 1/4

pits 18 x 18

5½ ft dist.

of earth

base al

BOOK-A-213

North Boundary
T's 10 & 11 N. R. 11 W. S. L. Mer.

Survey commenced Oct. 2 1886, with a Pike & Son's Transit, Gurley solar attachment.

I begin at the established Cor. to T's. 10 & 11 N. Rs 11 & 12 W. which is a stone 14 x 8 x 6" marked with 6 notches on each of the four corners, with regulation mound & pits.

Thence I run East on a true line along N. boundary of Sec. 6.

Va. 17° 35' E.

Over alkali flat

00 Road, leans N. & S.

00 Set flint stone 13 x 10 x 4". 8" in the ground for 1/4 sec. cor. marked 1/4 on N. face; dug pits 18 x 18 x 12" E. & W. of stone. 5 1/2 ft disk, & raised a mound of earth 1 1/2 ft high, 3 1/2 ft base alongside.

North Boundary

T/p 10 N-R. 11 W.

Chs	
80.00	Set Trachyte stone 14×1[illegible] 10" in the ground. for c[illegible] secs. 5.6.31 & 32. Marked 1 notch on W. & 5 notch E. edges; dug pits 18×1[illegible] in each sec. 5½ ft dist. raised a mound of ea[illegible] 2 ft high. 4½ ft base along Land. Alkali flat Soil - sandy & alkali - 3d rate Sparse sage & greasewo[illegible]
	East. along N. boundary of sec. 5. Va. 17° 35' E.
12.00	Foot of high ridge. bis N. ascend 15°
20.00	Edge of narrow plateau
23.00	Foot of steep ascent
31.00	Enter small plateau
40.00	Set limestone 12×10×4" in the ground. for 1/4 sec.

BOOK-A-213

North

T/p. 10 N-[illegible]

marked 1/[illegible] pits 18×18 5½ ft dist. & Earth 1½ base al[illegible]

50 On spur of ascend a[illegible]

50 Top of ri[illegible] across t[illegible] ledge of r[illegible]

50 ground [illegible]

00 "

50 cross gu[illegible]

00 Set pine [illegible] square. [illegible] 12" in the [illegible] secs. 4. 5. [illegible] T. 11 N- R. 11 W. T. 10 N. S. 32 [illegible] 2 notch[illegible] on E. ed[illegible] 12" in Ea[illegible]

North Boundary

T/p. 10 N. R. 11 W.

marked 1/4 on N. face; dug pits 18 x 18 x 12" E. & W. of stone, 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside. - ascend steeply.

50 On spur of ridge sloping N.W. ascend along N. side of ridge.

50 Top of ridge. N. E. & S. W. across top of ridge - high ledge of rocks on N.

50 ground descends E. & S.

00 " " steeply to E.

50 cross gully. drains S. E.

00 Set pine post 3 ft long. 3 x 4" square. with marked stone. 12" in the ground, for cor. to secs. 4. 5. 32 & 33. marked

T. 11 N. S. 33 on N. E.

R. 11 W. S. 4 on S. E.

T. 10 N. S. 5 on S. W. and

S. 32 on N. W. faces. with 2 notches on W. & 4 notches on E. edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. &

North Boundary
Tp. 10 N. R. 11 W.

chs raised a mound of Ea
2 ft high, 4½ ft base aro
post.
Land. Mountainous
Soil. gravelly & rocky-
3rd 4th rate
Spare sagebrush

East. along N. bound
of sec. 4.
Va. 17° 35' E.

4.00 cross gully, drains S.
descending steeply to E.
10.00 Foot of mountain ridg
Enter sage flat
20.00 Enter low alkali flat.
30.00 At margin of Great S
Lake. Set a limestone
14 + 10 + 4 in. 10 in the gro
for meander cor. to frac
onal secs. 4 + 33. Mon
M. C. on E. face; dug
3 ft square, 12 in deep 8

North
Tp 10 N. R.

W. of stone
mound o
4½ ft base
Land. side
Soil. grave
3rd
6

General

The lan
boundary
is alkali
with sag
On mount
& some b
On E. sid
a flat c
The alka
Lake is

BOOK-A-213

North Boundary
T/p 10 N-R. 11 W.

W. of stone, & raised a
Mound of Earth 2 ft high
4½ ft base alongside
Land, sidehill & level
Soil, gravelly, sandy & alkali
3rd & 4th rate
Oct 2. 1886

General Description

The land along this boundary west of Mountain is alkali flat thinly covered with sagebrush & greasewood. On Mountain ridge sagebrush & some bunch-grass is found. On E. side of Mt there is a flat covered with sage. The alkali flat next the Lake is bare of vegitation.

Edmund Wickes

Chas. S. Betts
U.S. Dept Surs

BOOK-A-213

SURVEYOR GENERAL

Salt Lake City, Uta

The foregoing field not

North-Eo

nship No. 10. N

he Salt Lake Meridian

Wilkes &

der Contract No. 14

y of June

Oct

amined, the necessary

ade, the said field not

e hereby approved.

Will

U

SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *188*7

The foregoing field notes of the ..... *survey of the*

North-Boundary

nship No. 10 N *Range No.* 11 W.

he Salt Lake Meridian. Executed by .....

Wilkes & C. S. Betts

der Contract No. 140 *of the* 24th

y of June *1886, in the month of*

Oct *1886, having been critically*

amined, the necessary corrections and explanations

ade, the said field notes, and the surveys they describe

e hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-213

ORT:

ined by John H. C

cribed by Jennie

ared by Guy P. H

FIELD

F THE SUR

Subdivi

Mean

C

nship No. 10 N

ge No, 11 W

OF.

SALT LAKE

UTAH T

AS SUR

und Wilkes

U. S. Dep

Under his Contract

ted June 2

rvey commenced

rvey completed

BOOK-A-213 2 131

ORT:

188

ined by John H. Campe

scribed by Jennie V. Bowman.

ared by Guy P. Norton Ed John H. Campe

FIELD NOTES

F THE SURVEY OF THE

Subdivisions Ed

Meanders

OF

nship No. 10 North

ge No. 11 West

OF THE

SALT LAKE MERIDIAN.

IN

UTAH TERRITORY,

AS SURVEYED BY

und Wilkes & C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

ted June 24th 1886

rvey commenced Oct 2 1886

rvey completed " 4 1886

19

NAMES AND DUTIES OF ASSISTAN

Chas S. Wilkes	Compass
Chas A. Prescott	Chainm
Wm H. Philips	Chainm
Adolph Harris	Chainm
Andrew Smith	Chainm
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Subdi

Tp 10 N R. 1

Surve

Oct 2 188

Abraham

Theodolyte

This Tp. b

on the East

at the mos

being the c

on S. bound

by me mad

Thence

North. bet

Over. near

Road. bea

Set sandst

in the grou

Marked 1/4

pits 18×18×

5½ ft dist.

of Earth

base alo

Set sand

in the gro

Subdivisions

Tp 10 N. R. 11 W. S. L. Mer.

Survey commenced
Oct 2 1886. with an
Abraham's Improved
Theodolite.
This Tp. being fractional
on the East side, I begin
at the most Easterly cor.
being the cor. to Secs. 32 & 33
on S. boundary of Tp. - set
by me under this Contract.
Thence I run
North bet. Secs. 32 & 33.
Va. 18° 10' E.
Over nearly level ground
5 Road, bears N. W. & S. E.
0 Set sandstone 14 x 10 x 6". 8"
in the ground for 1/4 Sec. Cor.
Marked 1/4 on N. face; dug
pits 18 x 18 x 12" N. & S. of stone,
5½ ft dist. & raised a mound
of Earth 1½ ft high 3½ ft
base alongside.
0 Set sandstone 20 x 14 x 4". 14"
in the ground. for Cor. to Secs.

Subds

T/o 10 N. R. 11 W.

chs	28. 29. 32 & 33. Marked 1 Notch on S. & 4 Notch E. edges; dug pits 18 & 1[illegible] in each sec. 5½ ft dist. [illegible] raised a mound of [illegible] 2 ft high 4½ ft base along [illegible] Land. nearly level Soil. sandy - 2" & 3" [illegible] Sage & greasewood
	As the line bet. secs. 2[illegible] is fractional I run East. on a true line bet. secs. 28 & 33. Va. 18° 10' E.
20.00	Enter alkali flat
29.30	At shore of Great Salt [illegible] Set cedar post 4 ft long. [illegible] square. with marked sto[illegible] 12" in the ground. for meander cor. fractional secs. 28 & 33. Marked M.C. and T. 10 N. on E.

BOOK-A-213

Subd[illegible]

T/o 10 N. R. [illegible]

R. 11 W. S[illegible]
S. 33 on S. [illegible]
3 ft square. 1[illegible]
of post. & ra[illegible]
Earth. 2 ft hig[illegible]
around po[illegible]
Land. lev[illegible]
Soil. sand[illegible]
3" & 4" [illegible]
greasewood

From cor[illegible]
North. bet. [illegible]
Va[illegible]
Set sands[illegible]
in the grou[illegible]
marked ¼[illegible]
pits 18 & 18[illegible]
5½ ft dist. [illegible]
of Earth [illegible]
base a[illegible]
Set sands[illegible]
in the grou[illegible]

BOOK-A-213

Tables

T. 10 N. R. 11 W.

R. 11 W. S. 28 on N. and S. 33 on S. faces; dug pit 3 ft square, 12" deep, 8 lks W. of post, & raised a mound of earth, 2 ft high 4½ ft base around post.
Land. Level
Soil. Sandy & alkali-
saturate
greasewood & bare flat

From cor to secs. 28, 29, 32 & 33
North, bet. secs. 28 & 29.
Va. 18° 10' E.
Set sandstone 18 x 8 x 6", 12" in the ground, for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone. 5½ ft dist. & raised a mound of earth 1½ ft high 3½ ft base alongside.
Set sandstone 18 x 16 x 4", 12" in the ground, for cor. to secs.

Subds

Tp. 10 N. R. 11 W.

chs	20, 21, 28 & 29. marked w 2 notches on S. 4 notch E. edges; dug pits 18 x 18 x in each sec. 5½ ft dist. & a mound of earth 2 ft 4½ ft base alongside - Spring. brs N. 48° E. - 8 chs Land. nearly level Soil. sandy - 3 rate Sage & greasewood
	As the line bet. secs. 21 & is fractional. I run East. on a true line bet. secs. 21 & 28. Va. 18° 10' E.
8.00	Enter alkali flat.
18.50	At Lake margin - Set C post 4 ft long. 5" square with marked stone, 12" in ground, for meander cor. to fractio secs. 21 & 28 - marked M.C. T. 10 N. on E.

BOOK-A-213

Sub

Tp. 10 N. R.

R. 11 W. S
S. 28 on S.
3 ft square.
of post. & r
of Earth 2 ft
around po
Land. l
Soil. san
greasewo

From cor. to
North. bet.
(
Set sandstone
in the ground
marked 1/4
18 x 18 x 12" S
dist. & rais
1½ ft high. 3½
Set sandst
in the grou
16, 17, 20 & 2
3 notches o

BOOK-A-213

Subs

Tp. 10 N - R. 11 W.

R. 11 W. S. 21 on N. and S. 28 on S. faces; dug pit 3 ft square. 12" deep. 8 lks W. of post. & raised a mound of Earth 2 ft high. 4½ ft base around post.
Land. level
Soil. sandy & alkali - 3 & 4th rate
greasewood & bare flat

From Cor. to Secs. 20. 21. 28 & 29
North. bet. secs. 20 & 21.
Va. 18° 10 E.
Set sandstone 16 x 12 x 6". 12" in the ground. for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.
Set sandstone 20 x 14 x 6". 14" in the ground. for Cor. to Secs. 16, 17, 20 & 21. Marked with 3 notches on S. & 4 notches on

Subds

T/p 10 N - R. 11 W.

chs	E. Edges: Dug pits 18×18×12 each sec. 5½ ft dist. & rais mound of Earth 2 ft hig 4½ ft base alongside. Spring. bes S. 23° - W. 2.50 chs Land. level Soil. Sandy - 3" rate Sage & greasewood
	As the line bet. Secs 16 & 21 is fractional, I run East. on a true line bet. secs. 16 & 21. Va. 18° 10' E.
20.00	Enter alkali flat.
40.00	At Lake margin Set sand 14×12×12. 10" in the ground 1/4 sec. cor. & meander cor. fractional secs. 16 & 21. marked 1/4 on N. & M.C. E. faces: dug pit 3 ft sq 12" deep. 8 lks W. of stone raised a mound of Earth

BOOK-A-213

Sub

T/p. 10 N - R.

2 ft high. 4½ f
Land - level
Soil. Sandy
3" & 4 th
Greasewood

From Cor. to
North. bet
(V.

Leave grea
Set sandstone
in the ground
marked 1/4 on
18×18×12 N.
& raised a m
high. 3½ ft b
From which
N. 51° E. abo
Set limestone
the ground.
9. 16 & 17.
Notches on
pits 18×18×

BOOK-A-213

Subs

T/p. 10 N. R. 11 W

2 ft high. 4½ ft base alongside
Land - Level
Soil. Sandy & alkali
3rd 4th rate
Greasewood. & bare flat.

From Cor. to Secs. 16, 17, 20 & 21.
North. bet. Secs. 16 & 17.
Va. 18° 10' E.

0 Leave greasewood - into alkali flat
0 Set sandstone 14 x 10 x 5", 8" in
in the ground. for 1/4 Sec. Cor.
Marked 1/4 on W. face; dug pits
18 x 18 x 12" N. & S. of stone, 5½ ft dist.
& raised a mound of Earth 1½ ft
high. 3½ ft base alongside -
From which a large Spring bears
N. 51° E. about 35 chs dist.
0 Set limestone 24 x 8 x 6", 18" in
the ground. for Cor. to Secs. 8.
9. 16 & 17. Marked with 4
Notches on S. & E. sides: dug
pits 18 x 18 x 12" in Each Sec.

Sub^ds

T/p. 10 N - R. 11 W.

Chs 5½ ft dist. & raised a mo
of Earth 2 ft high 4½
base alongside.
Land, level - bare alkali
Soil - alkali - 4th ra

As the line bet. secs. 9 & 1
is fractional, I run
East. on a true line
bet. secs. 9 & 16.
Va. 18° 10' E.

40.00 Set sandstone 16 x 8 x 6
in the ground for ¼ sec.
marked ¼ on N. face;
pits 18 x 18 x 12 E. & W. of
5½ ft dist. & raised a mou
of Earth 1½ ft high 3
base alongside.

45.00 At Lake margin. Set
Trachyte stone 14 x 10 x 4
in the ground for Meand
Cor. to fractional secs.
marked M.C. on E. fa

BOOK-A-213

Sub^ds

T/p. 10 N - R. 1

dug pit 3 ft
8 lks W. of
mound of E
4½ ft base a
Land, level -
Soil. Alka

From Cor. to
North. bet
V

Set sandstone
the ground. f
¼ on W. fa
N. & S. of stone
a mound of
3½ ft base a
Salt spring
Set sandstone
in the grou
4, 5, 8 & 9. M
on S. & 4 N
dug pits 18
5½ ft dist. &

BOOK-A-213

Subs

Sp. 10 N. R. 11 W.

dug pit 3 ft square, 12" deep 8 chs N. of stone, & raised a mound of Earth 2 ft high 4½ ft base alongside.
Land. level - bare alkali flat.
Soil. Alkali - 4th rate.

From Cor. to secs. 8, 9, 16 & 17.
North. bet. secs. 8 & 9.
Da. 18° 10' E.
Set sandstone 16 x 10 x 8", 18" in the ground for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist & raised a mound of Earth 1½ ft high 3½ ft base alongside.
Salt Spring 20 chs W.
Set sandstone 20 x 12 x 5", 14" in the ground for Cor. to secs. 4, 5, 8 & 9. Marked with 5 notches on S. & 4 notches on E. edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of

Subds

Tp. 10 N - R. 11 W.

chs	Earth 2 ft high 4½ ft alongside. Land. level - bare alkali Soil. alkali - 4th rate Greenwood 5 chs W.
	As the line bet. secs. 4 & 9 is fractional I run East. on a true line bet. secs. 4 & 9. Va. 18° 10' E. Over alkali flat
20.00	At Lake margin, set sands 16 x 10 x 4". 12" in the ground for meander cor. to frac. secs. 4 & 9. Marked M. E. face: dug pit 3 ft sq. 12" deep. 8 lks W. of stone raised a mound of Earth 2 ft high. 4½ ft base alongside Land. level - bare alkali fl. Soil. alkali - 4th rate

BOOK-A-213

Subds

Tp. 10 N - R.

From cor. North. on bet. secs. W.

Set temp'y

Intersect N. 10 lks E. of Thence S. 0° 04' E. on bet. secs. with

Along E. s. Hollow - dr. Top of rid. Descend al. Enter grea. N.E. & S.W.

Set sands in the grou. marked ¼ pits 18 x 1 5½ ft dist. of Earth base al.

BOOK-A-213

Subs

T. No. 10 N. - R. 11 W.

From cor. to secs. 4.5.8 & 9.
North on a random line
bet. secs. 4 & 5.
Va. 18° 10' E.
0 Set temp'y 1/4 sec. cor.
0 Intersect N. boundary of Tp.
10 lks E. of cor. to secs. 4.5.32 & 33.
Thence S 2 rm
S. 0° 04' E. on a true line
bet. secs. 4 & 5.
With same Va.
Along E. side hills
0 Hollow - drains E.
0 Top of ridge, descends E.
Descend along E. slope
00 Enter greasewood flat, bears
N.E. & S.W.
00 Set sandstone 16 x 14 x 3", 10"
in the ground for 1/4 sec. cor.
marked 1/4 on W. face; dug
pits 18 x 18 x 12" on N. & S. of stone.
5 1/2 ft disk. & raised a mound
of earth 1 1/2 ft high, 3 1/2 ft
base alongside.

Subds

Tp. 10 N-R-11 W.

Chs	
70.00	Leave greasewood - Ent alkali flat.
80.00	The cor. to secs. 4. 5. 8 & Land. broken 20 chs. level Soil, gravelly & alkali - 3d & 4th rate. Oct 2 1886

Oct. 4. 1886.
Commence at cor. to 5. 6. 31 & 32. on S. bound of Tp. set by us under the contract - Thence I run North. bet. secs. 31 & 32 Va. 18° 10' E. along bench sloping E.

40.00	Set sandstone 14 x 10 x 5", 8" the ground. for 1/4 sec. cor. Marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of earth 1½ ft high 3½ ft base alongside.

BOOK-A-21

Sub

Tp. 10 N-

00	Wash - d
00	Set sands in the grou 29. 30. 31 & 1 notch o E. edges; d each sec. mound of base al Land. r Soil. sa Sa

East. o bet. s

00	Set ten
00	Intersect of cor. to Th N. 89° 54' bet. o wi

Subs

Tp. 10 N - R. 11 W.

00 Mark - drains E.
00 Set sandstone 24 x 16 x 10", 18
in the ground, for Cor. to Secs.
29. 30. 31 & 32. marked with
1 notch on S. & 5 notches on
E. edges; dug pits 18 x 18 x 12" in
each sec. 5½ ft dist. & raised a
mound of Earth 2 ft high 4½ ft
base alongside.
Land. rolling
Soil, sandy - 3rd rate
Sagebrush

East on a random line
bet. Secs. 29 & 32.
Va. 18° 10' E.
00 Set temp'y 1/4 Sec. Cor.
00 Intersect N. & S. line 14 Chs N
of Cor. to Secs. 28. 29. 32 & 33.
Thence I run
N. 89° 54' W. on a true line
bet. Secs. 29 & 32.
with some Va.

Subds

T/o. 10 N. R. 11 W.

chs	Over greasewood flat
15.00	Road. bes N.W. & S.E. Leave
40.00	Set sandstone 14×11×6". 8
	the ground. for 1/4 sec. cor.
	marked 1/4 on N. face; dug
	18×18×12" E. & W. of stone 5
	dist. & raised a mound of
	Earth 1½ ft high 3½ ft base
	alongside.
[illegible]	~~Leave flat ascend~~
80.00	The cor. to secs. 29. 30. 31
	Land. level 15 chs - mountainous 6
	Soil. sandy & gravelly - 3 rate
	Sage & greasewood

West. on a random line
bet. secs. 30 & 31.
Va. 18°10' E.

40.00	Set temp'y 1/4 sec. cor.
80.00	Intersect W. boundary of T
	12 lks N. of cor. to secs 25. 30. 31
	Set by us under this Contract
	Thence I run

BOOK-A-2

Subd

T/o. 10 N. R.

N. 89°55' E. o
bet. Secs
with s
Over broke
00 Set sandst
in the grou
Marked 1/
pits 18×18×
5½ ft dist. &
of Earth
base al
Descend
00 The cor. to
Land. roll
Soil. sa
So

North. b

1.50	Wash - d
50	Wash -
00	Wash
1.50	Wash

No. 10 N. R. 11 W.

N. 89°55' E. on a true line
bet. Secs. 30 & 31,
With same Va.
Over broken ground
00 Set sandstone 14 x 10 x 7in, 8in
in the ground. for 1/4 Sec. Cor.
Marked 1/4 on N. face; Dig
pits 18 x 18 x 12in E. & W. of stone.
5 1/2 ft dist. & raised a mound
of earth 1 1/2 ft high. 3 1/2 ft
base alongside.
Descend 4°
00 The Cor. to Secs. 29, 30, 31 & 32.
Land. rolling & mountainous
Soil, sandy & gravelly — 3rd rate
Sagebrush

North, bet. Secs. 29 & 30.
Va. 18°10' E.
1.50 Wash — drains E.
50 Wash — " S. E.
00 Wash " S. E.
1.50 Wash " S. E.

Subds

T/o. 10. N-R. 11 W.

Chs	
37.50	Wash drains S.E.
40.00	Set limestone 18×10×6. in the ground. for 1/4 sec. marked 1/4 on W. face: dug pits 18×18×12 N. & S. of st 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside
61.00	Ascend E. slope of bench
80.00	On top of bench. set sand 20×10×8. 14" in the ground for cor. to secs. 19. 20. 29 & marked with 2 notches on 5 notches on E. Edges: dug 18×18×12 in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base alongside.
	Land. rolling & broken
	Soil. sandy & gravelly - 3
	Sagebrush

BOOK A-21

Sub

T/o. 10 N-

East. on
bet. sec
W
.00 Set temp
.90 Intersect N
Cor. to secs. 2
~~[illegible]~~
Then
N. 89°54' W
bet. s
with
.00 Road. bes
bench - l
ascend
.95 On bench
14×12. 12
1/4 sec. cor.
face: dug
W. of stone
a mound
3½ ft base
.00 Foot of
.90 The cor.
Land. r

BOOK A-213

Subds

T/o. 10 N. R. 11 W.

East. on a random line
bet. secs. 20 & 29.
Va. 18° 10' E.

.00 Set temp'y 1/4 sec. cor.
.90 Intersect N. & S. line 14 lks N. of
Cor. to secs. 20. 21. 28 & 29 ~~set by me~~ —
~~during this contract~~.
Thence I run
N. 89° 54' W. on a true line
bet. secs. 20 & 29.
with same Va
.00 Road. bes N. & S. — Foot of lower
bench — leave greenwood flat.
ascend
.95 On bench — Set sandstone 20 x
14 x 12". 12" in the ground for
1/4 sec. cor. Marked 1/4 on N.
face; dug pits 18 x 18 x 12" E. &
W. of stone. 5½ ft dist. & raised
a mound of Earth 1½ ft high
3½ ft base alongside.
.00 Foot of upper bench
.90 The Cor. to secs. 19. 20. 29 & 30.
Land. rolling.

Subds

Tp. 10 N. R. 11 W.

Chs	
	Soil, sandy & gravelly - 3 ft
	Sage & greasewood
	West. on a random line
	bet. secs. 19 & 30.
	Va. 18° 10' E.
40.00	Set temp'y 1/4 sec. cor.
80.00	Intersect W. boundary of T
	at cor. to secs. 24, 25, 19 & 3
	set by us under this contra
	Thence I run
	East. on a true line
	bet. secs. 19 & 30.
	With same Va.
	ascend mountain ridge
18.00	Top of ridge. brs N.W. & S.E.
23.00	E. brow of ridge - descend
40.00	On bench. set sandstone 1
	12 x 6", 10" in the ground f
	1/4 sec. cor. marked 1/4 on
	face; dug pits 18 x 18 x 12"
	E. & W. of stone 5 1/2 ft dist.
	raised a mound of Earth

BOOK-A-2

Su

Tp. 10 N

Chs	
	1 1/2 ft high
	across
.00	The cor.
	Land. m
	Soil. sa
	3
	S
	North.
.00	Foot of
.00	Pt of
.00	Descend
.00	ascend
.00	Descend
.00	Set lime
	in the g
	marked
	pits 18 x
	5 1/2 ft dis
	of Earth
	along
8.50	Wash -

Subds

Tp. 10 N. R. 11 W.

	1½ ft high. 3½ ft base alongside.
	Across bench. Sloping E.
.00	The Cor. to Secs. 19. 20. 29 & 30.
	Land. Mountainous & nearly level
	Soil. Sandy. gravelly & rocky-
	3d & 4th rate
	Sagebrush

North. bet. Secs. 19 & 20
Va. 18° 10' E

.00	Foot of rocky cliff
.00	Pt of Do — bes N.W.
.00	Descend Do — — N.W.
4.00	Ascend rocky cliff bes N.E.
.00	Descend Do — — N.W.
.00	Set limestone 24 × 10 × 8. 18 in the ground for ¼ sec. cor. Marked ¼ on W. face: dug pits 18 × 18 × 12 N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside.
8.50	Wash-drains E.

Subs

No. 10 N. R. 11 W.

Chs	
67.50	Wash - drains E.
80.00	Set sandstone 16 x 12 x 4 in the ground for Cor. to sec. 17. 18. 19 & 20. Marked with 3 notches on S. & 5 notches on E. Edges; dug pits 18 x 12" in each sec. 5½ ft div. & raised a mound of Earth 2 ft high 4½ ft base alongside.
	Land. rolling. broken & hilly
	Soil. sandy. gravelly & rocky
	3rd rate
	Sagebrush.

East on a random line
bet. Secs. 17 & 20.
Va. 18° 10' E.

40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line 24 th. N. of Cor. to Secs. 16. 17. 20 & 21.
	Thence I run
	N. 89° 50' W.

BOOK-A-213

Subds

T/o. 10 N - R. 11 W.

On a true line
bet. secs. 17 & 20.
with same Va.
Over greasewood flat
2.00 Road. bes N. & S. - Foot of lower bench
0.00 On bench - Set sandstone 18 x
10 x 6". 12" in the ground. for 1/4
sec. cor. marked 1/4 on N. face;
dug pits 18 x 18 x 12" E. & W. of
stone 5 1/2 ft dist. & raised a mound
of Earth 1 1/2 ft high 3 1/2 ft
base alongside.
0.00 Foot of high bench
0.00 The Cor. to secs. 17. 18. 19 & 20.
Land. bench & level
Soil. sandy & gravelly - 3d rate
Sage & greasewood

West. on a random line
bet. secs. 18 & 19.
Va. 18° 10' E.
0.00 Set temp'y 1/4 sec. cor.
9.80 Intersect W. boundary of T/o.

Subns

No. 10 N. R. 11 W.

Chs	30 lks N. of cor. to secs. 13,
	& 24. set by us under the
	Contract. Thence I m
	N. 89° 47' E. on a true line
	bet secs. 18 & 19.
	With same Va
	Over rolling ground
39.80	Set sandstone 14 x 10 x 6"
	in the ground. for 1/4 sec. co
	marked 1/4 on N. face: d
	pits 18 x 18 x 12" E. & W. of sto
	5 1/2 ft dist. & raised a mound
	of Earth 1 1/2 ft high. 3
	base alongside.
65.00	Top of bench. brs N. & S. E.
79.80	The Cor. to secs. 17. 18. 19
	Land. rolling bench
	Soil. sandy & gravelly
	3d rate.
	Sagebrush

BOOK-A-213

Subns

No. 10 N. R.

North. bet
Va
Mark. ora
Set sands
in the grou
marked 1/4
pits 18 x 18 x
5 1/2 ft dist. &
of Earth
base al
On Edge of
bears N.
sandstone
the grou
7. 8. 17 & 18
4 notches
On E. Edge
12" in Each
raised a
2 ft high. 4
Land. ra
Soil. San
Sa

BOOK-A-213

Sub Ds

Tp. 10 N. R. 11 W.

North. bet. Secs. 17 & 18.
Va. 18° 10' E.
Mark. drains E.
Set sandstone 15 x 12 x 10", 8" in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone. 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside
On Edge of middle bench bears N.W. & S.E. - Set sandstone 18 x 14 x 10", 12" in the ground for Cor. to Secs. 7, 8, 17 & 18. Marked with 4 notches on S. & 5 notches on E. Edges; dug pits 18 x 18 x 12" in each Sec. 5½ ft dist. & raised a mound of Earth 2 ft high. 4½ ft base alongside
Land rolling bench
Soil, sandy & gravelly
Sagebrush

Subs

T/p. 10 N - R. 11 W.

Chs	
	East on a random line bet. secs. 8 & 17. Va. 18° 10' E
40.00	Set temp'y 1/4 sec. cor.
80.18	Intersect N. & S. ~~boundary~~ line Cor. to secs. 8. 9. 16 & 17. Thence I run West on a true line bet secs. 8 & 17. with same Va
7.00	Leave Alkali flat Enter Greasewood
40.09	Set flint stone 14 x 10 x 6". 8 in the ground. for 1/4 sec. cor. Marked 1/4 on N. face: on pits 18 x 18 x 12" E. & W. of stone 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside - leave green
42.60	Road. bes N. W. & S. E.
51.00	Edge of lower bench - ascend
61.00	Edge of upper bench - ascend
80.18	The Cor. to secs. 7. 8. 17 & 18 Land. rolling bench & flat

BOOK-A-21

Sub

T/p. 10 N -

Soil. sand
3" r
Sage & g

West. on a
bet. sec
V
Set temp
Intersect W
15 lks N. of
13 & 18 - set
Contract -
N. 89° 54' E.
bet. sec
With
Over rolli
Set Lands
the ground
Marked 1/4
pits 18 x 18 x
5 1/2 ft dist.
of Earth
base a

Subs

Tp. 10 N. R. 11 W.

Soil, sandy & gravelly
3rd rate
Sage & greasewood

West. on a random line
bet. Secs. 7 & 18.
Va. 18° 10' E.
Set temp'y 1/4 sec. cor.
Intersect N. boundary of Tp.
15 lks N. of cor. to Secs. 7, 12,
13 & 18 - set by us under this
contract - Thence I run
N. 89° 54' E. on a true line
bet. Secs. 7 & 18.
With same Va.
over rolling bench. dse N.
Set sandstone 15 x 10 x 6". 8" in
the ground. for 1/4 sec. cor.
Marked 1/4 on N. face; dug
pits 18 x 18 x 12" E. & W. of stone,
3 1/2 ft dist. & raised a mound
of Earth 1 1/2 ft high. 3 1/2 ft
lence alongside

Subs

Tp. 10 N. R. 11 W.

Chs	
79.50	The cor. to Secs. 7. 8. 17
	Land. rolling bench
	Soil. sandy & gravelly
	3 rate
	Sagebrush
	North. bet. Secs. 7 & 8.
	Va. 18° 10' E
	Over descending bench
40.00	Set sandstone 20 x 14 x 8"
	in the ground for 1/4 Sec. cor.
	Marked 1/4 on N. face; dig
	pits 18 x 18 x 12" N. & S. of stone
	5½ ft disk. & raised a mound
	of earth 1½ ft high &
	base alongside
62.00	Road. bus N. W. & S. E.
80.00	On Edge of bench -
	Sandstone 20 x 10 x 8"
	in the ground for cor. to
	5. 6. 7 & 8. Marked with
	5 notches on S. & E. Edge
	Dig pits 18 x 18 x 12" in Each

Subs

Tp. 10 N. R.

	Sec. 5½ ft d
	mound of E
	base alo
	Land. rolling
	Soil sand
	Sag
	East. on
	bet. Sec
	S
00	Set temp
24	Intersect
	of cor. to
	Flum
	N. 89° 56' W
	bet. S
	N
00	Leave alk
12	Set sand
	The grou
	Marked
	pits 18 x 1
	5½ ft dist.

BOOK-A-213

Subs

Tp. 10. N-R. 11 W.

Sec. 5½ ft dist. & raised a
mound of Earth 2 ft high 4½ ft
base along side
Land rolling - descending N.E.
Soil sandy - 3rd rate
Sagebrush

East on a random line
bet. Secs. 5 & 8.
Va. 18° 10' E.
00 Set temp'y 1/4 Sec. Cor.
24 Intersect N.&S. line 10 lks N.
of cor. to Secs. 4. 5. 8 & 9.
Thence I run
N. 89° 56' W. on a true line
bet. Secs. 5 & 8.
With Same Va.
00 Leave alkali flat - Enter greenwood
12 Set Sandstone 14 x 6 x 6", 8" in
the ground for 1/4 Sec. Cor.
Marked 1/4 on N. face; dug
pits 18 x 18 x 12" E. & W. of stone
5½ ft dist. & raised a mound

Subds

T/p. 10 N - R. 11 W.

Chs	
	Of Earth 1½ ft high & base alongside
70.00	Foot of bench - leave greasewood flat - asc
80.24	The Cor. to Secs. 5, 6, 7 &
	Land. mostly level
	Soil. sandy. & alkali - 3 & 4th rate
	Sage & greasewood

West. on a random line bet. Secs. 6 & 7.
Va. 18° 10' E.

40.00	Set temp'y 1/4 Sec. Cor.
79.60	Intersect W. boundary of 10 lks N. of Cor. to Secs. 1, 6, Set by ns under this contract
	Thence I run
	N. 89° 56' E. on a true line bet. Secs. 6 & 7.
	With same Va
	Over greasewood flat
39.60	Set sandstone 14 x 8 x 6", 10 the ground, for 1/4 Sec. Cor

BOOK-A-21

Sub

T/p. 10 N -

marked 1/4
pits 18 x 18 x
5½ ft dist.
of earth
base al
inter bench
30 Road. be
60 The Cor.
Land. fla
Soil. sa
Sage &

North. on
bet. Se
Va
00 Set temp
05 Intersect
at cor. to
by ns mi
Thence
South. o
bet. S
Over mi
rising

Subds

Tp. 10 N-R. 11 W.

marked 1/4 on N. face; dug pits 18 x 18 x 12 E. & W. of stone 5½ ft dist. & raised a mound of earth 1½ ft high. 3½ ft base alongside - Leave flat
inter bench - ascend
30 Road. bears N.W. & S.E.
60 The cor. to Secs. 5. 6. 7 & 8.
Land, flat & undulating bench
Soil. Sandy - 3° rate
Sage & greasewood

North. on a random line
bet. Secs. 5 & 6.
Va. 18° 10' E.
00 Set temp. 1/4 sec. cor.
05 Intersect N. boundary of Tp.
at cor. to secs 5. 6. 31 & 32. - set
by us under this contract.
Thence I run
South. on a true line
bet. Secs. 5 & 6.
Over undulating & gradually
rising ground.

Subds

T/p. 10 N. R. 11 W.

chs 39.05	Set sandstone 20×10×8 in the ground for 1/4 sec. c marked 1/4 on W. face; du pits 18×18×12 N. & S. of sto 5½ ft dist. & raised a mound of earth 1½ ft high 3½ f base alongside
79.05	The cor. to secs. 5. 6. 7 & 8. Land. undulating - sloping Soil. Sandy - 3rd rate Sage & greasewood

BOOK-A-213

Meanders of
Great Salt
T/p. 10 N. R.

Begin a
fractional
S. boundary
under th
Thence

N. 15° 20' W.
to mean
tional se

Thence
N. 15° 20' W.
N. 4° 30' W
to mean
ional se

Thence
North
N. 28° 15
to mea
Secs. 1

Thence
N. 13° 4

BOOK-A-213

Meanders of Westerly side of Great Salt Lake in Tp. 10 N. R. 11 W. S.L. Mer.

Begin at meander Cor. to fractional Secs. 4 & 33, on S. boundary of Tp. - set by us under this contract.

Thence in Sec. 33.

Va. 18°10' E.

N. 15°20' W. 82.95 chains to meander cor. to fractional Secs. 28 & 33.

Thence in Sec. 28.

N. 15°20' W. 23.50 chains

N. 4°30' W. 57.42 "

to meander cor. to fractional Secs. 21 & 28.

Thence in Sec. 21.

North 40.00 chs

N. 28°15' E. 45.41 "

to meander cor. to frac. Secs. 16 & 21.

Thence in Sec. 16.

N. 13°40' E. 38.07 chs

Meanders

T/p 10 N - R. 11 W.

N. 5° 22' W. 43.18 Chai
To meander Cor. to frac
Secs. 9 & 16.

Thence in Sec. 9.
N. 17° 21' W. 83.80 Chs
To meander Cor. to frac
Secs. 4 & 9.

Thence in Sec. 4.
N. 2° 15' E. 33.50 Chas
N. 10° 35 E. 47.33 "
To meander Cor. to frac
Secs. 4 & 33. on North
boundary of T/p. - set by
under this contract.

This meander line is
along the soft alkali
bottom at the margin
of Lake.

Oct. 4. 1886.

BOOK-A-213

Sub-

T/p. 10 N-

General

This fr
contains
bench. &
The South
mountain
running
the north
side thr
of grease
alkali
No tim
Spring
Secs. 16
pure wa
for sto
Spring

BOOK-A-213

Subds

165

Tp. 10 N - R. 11 W.

General Description

This fractional Tp. contains Mountainous, bench, & flat lands. The Southwestern portion Mountainous, and Secs. 4 & 5 running into the hills on the north - On the East side there is a wide area of greasewood and bare alkali flat -

No timber -

Springs are found in Secs. 16, 20, & 21. - not pure water, but usable for stock - and a salt spring in Sec. 8. -

Edmund Wilkes

Chas. S. Betts
U.S. Dept. Surv.

BOOK-A-213

S. SURVEYOR GENERAL

Salt Lake City, Ut

The foregoing field not

Subdivi

Meanders

wnship No. 10 N

the Salt Lake Meridian

Edmund Wilk

der Contract No. 14

y of June

Oct

amined, the necessary

ade, the said field notes

e hereby approved.

Willi

U.

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *1887*

The foregoing field notes of the ..... *survey of the* Subdivisions and Meanders.

wnship No. 10 N *Range No.* 11 W.

the Salt Lake Meridian. Executed by Edmund Wilkes & G. B. Betts

der Contract No. 140 *of the* 24th

y of June *1886, in the month of* Oct *1886 having been critically*

amined, the necessary corrections and explanations

ade, the said field notes, and the surveys they describe

e hereby approved.

William G. Brunson

U. S. Surveyor General for Utah.

BOOK-A-213

EPORT:

ed May 17th

amined by John (

anscribed by Jenni

mpared by Guy P. N

FIELD

OF THE SUR

Subdi

ownship No. 10

ange No. 12

SALT LAK

UTAH

AS SU

E. Wilkes

U. S. D

Under his Contra

Dated June

Survey commenced

Survey completed

24.

BOOK-A-213

22 169

EPORT:

led May 17th 1887

amined by John H. Campe.

anscribed by Jennie V. Bowman.

mpared by Guy P. Horton and John H. Campe.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

ownship No. 10 North

ange No. 12 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes and C. S. Betts

U. S. Deputy Surveyors

Under his Contract No. 140

Dated June 24th 1886

Survey commenced Sept 29 1886

Survey completed Oct 1 1886

24

34

NAMES AND DUTIES OF ASSISTANTS

Chas S Wilkes	Compass
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A Krigbaum	Axeman
J. Jake	Flagman

Subdivisions
Tp 10 N R. 12 W.

Survey commenced Sept 29 th 1886. with an Abrahams Improved Theodolite

I begin at cor to Secs 1, 2, 35 & 36 on S boundary of Tp. set by me under this contract

Thence Jun
North bet Secs 35 & 36
Da 18° 10' E
Gradually ascending
30 Ridge descends W.
00 Wash drains W.
00 Set Sandstone 16x10x5-8 in ground for 1/4 Sec cor marked 1/4 on W face Dug pits 18x18x12 N & S of stone 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base along side

Subdivisions
Tp 10 N. R. 12 W.

Chs	
41.00	Ridge descends W.
73.10	Wash drains W.
80.00	Set Limestone 15x18x8 in ground for cor 25, 26, 35 & 36. Marked notch S & 1 notch E. pits 18x18x12 in each 5½ ft distant & raised mound of earth 2 high 4½ ft base along Land rolling Soil rocky 4th rate Sage brush

East on a random bet Secs 25 & 36
Va 18° 10' E.

40.00	Set temp ¼ Sec cor
80.10	Intersect the E bound 14 chs N of cor to Secs 25, 30, 36 which was set by under this contract

Subdivis
Tp 10 N. R.

Thence Im
on a true
26 & 36 with
Set Sandst
in in gro
cor marke
Dug pits 1
stone 5½ ft a
mound of earth 1
ft base at
Tp of Ho
N W & S E
The cor to
& 36
Land m
Soil rocky
Sage bru

North fe
Va 1
00 Set Lim
10 in in
Sec cor W

Subdivisions

Tp 10 N. R. 12 W.

Thence Jann N 89° 54' W
on a true line bet Secs
25 & 36 with same Va.
Set Sandstone 20x12x8-12
in in ground for 1/4 Sec
cor marked 1/4 on N face
Dug pits 18x18x12 E & W of
stone 5½ ft distant & raised a
mound of earth 1½ ft high 3½
ft base alongside.
Top of Hogup Mountains
N W & S E.
The cor to Secs 25, 26, 35
& 36
Land Mountainous
Soil rocky 4th rate
Sage brush 80 chs.

North bet Secs 25 & 26
Va 18° 10' E.
Set Limestone 15x10x8
10 in in ground for 1/4
Sec cor marked 1/4 on W

 Subdivisions

Tp 10 N R. 12 W.

Chs Face Dug pits 18x18x1
S. & 5½ ft distant fr
stone & raised a mound
of earth 1½ ft high
ft base along side
80.00 Set Sandstone 18x12x
12 in in ground fo
cor to Secs 23, 24, 25
marked 2 notches S &
notch E. Dug pit
18x18x12 in each Sec
5½ ft distant & raised
mound of earth & rock
2 ft high 4½ ft base
along side.
Land rolling
Soil rocky 4th rate
Sage brush 80 chs.

East on a random
line bet Secs 24 & 25
& a 18° 10' E.
40.00 Set temp ¼ Sec cor

BOOK-A-213

Subdivisi

Tp 10 N. 0

Intersect
at corner
30 & 19. set
this cou
Thence
on a tru
24 & 25 w
Set Lime
15 in m
¼ Sec cor
N face D
E & W
& raised a
1½ ft hig
along sid
Main
Mountain
The cor
& 26
Land ro
Soil rock
Sage bru

Subdivisions

Tp 10 N. R. 12 W.

Intersect E. boundary at corner to Secs 24, 25, 30 & 19. set by one under this contract.

Thence I run west on a true line bet Secs 24 & 25 with same Va

Set Limestone 20 x 12 x 6 15 in in ground for 1/4 sec cor marked 1/4 on N face Dug pits 18 x 18 x 12 E & W. stone 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base along side.

Main ridge of Hogup Mountains N W & S E.

The cor to Secs 23, 24, 25 & 26

Land rolling

Soil rocky 4th rate

Sage brush 80 lbs.

 Subdivisions

Tp. 10 N. R. 12 W.

Ch's	North bet Secs 23 &
	Va 18° 10' E.
	Ascend gradually
40.00	Set Limestone 16 x 10
	10 in in ground for
	Sec cor marked 1/4 on
	face Dug pits 18 x 18 x
	N & S of stone 5 1/2 ft d
	& raised a mound
	earth 1 1/2 ft high 3
	base alongside
50.00	Commence descend
55.00	To level bench
80.00	Set pine post 30 x 3 x 3
	in in ground for cor
	Secs 23, 24, 13 & 14 mar
	3 notches S & 1 notch
	also S 14 N W face S 13 N
	S 23 S W face S 24 S E face
	T. 10. N. R 12 W. Dug p
	18 x 18 x 12 in each Sec
	ft distant & raised
	mound of earth &
	2 ft high 4 1/2 ft bas
	around post

Subdivi

Tp 10 N. R

Land rol

Soil rocky

Sage-brus

East on

line bet

Va

Set temp

Intersect

line at

18 & 19 set

this cor

Thence

on a tr

13 & 24 w

Ridge N

Set Sand

15 in in

Sec cor

N face

x 12 E &

distant

of earth

Subdivisions
Tp 10 N. R. 12 W.

Land rolling
Soil rocky 4th rate
Sage-brush 80 chs.

East on a random
line bet Secs 13 & 24.
Va 18° 10' E.
Set temp ¼ Sec cor.
Intersect E boundary
line at cor to Secs 13, 24
18 & 19 set by me under
this contract.
Thence Trun west
on a true line bet Secs
13 & 24 with same Va.
Ridge N W & SE.
Set Sandstone 20x12x8
15 in in ground for ¼
Sec cor marked ¼ on
N face. Dug pits 18x18
x12. E & W of stone 5½ ft
distant & raised a mound
of earth 1½ ft high 3½

Subdivisions

Tp 10 N. R. 12 W.

Chs	
	ft base along side
30.00	Foot of Descent
80.18	The cor to Secs 13, 24, 14
	Land rolling
	Soil rocky 4th rate
	Sage brush 80.18 chs.

North bet Secs 13 + 14
Va 18°10' E.

34.00	Foot of Ridge
40.00	Set Limestone 15×8×3 in in ground for 1/4 cor. Marked 1/4 on W f Dug pits 18×18×12 N + S stone 3½ ft distant + a mound of earth 1½ high 3½ ft base along
49.00	Top of ridge N W + S E.
80.00	On gradual descent Set Limestone 14×10× 8 in in ground for to Secs 11, 12, 13 + 14 Mar

BOOK-A-21

Subdivi

Tp 10 N.

4 notches
Dug pits
Sec 3½ ft
a mound
2 ft high
side.
Land r
Soil roc
Sage bru

East on
bet Secs
V
Set temp
Intersec
line 37 ch
18 + 7 set
this cor
Thence
on a t
12 + 13 cor
Set Sa
15 in n

Subdivision

Tp 10 N. R. 12 W.

4 notches S. & 1 notch E.
Dug pits 18x18x12 in each
Sec 5½ ft distant & raised
a mound of earth & rocks
2 ft high 4½ ft base along-
side.
Land rolling
Soil rocky 4th rate
Sage brush 80 chs.

East on a random line
bet Secs 12 & 13.
Va 18° 10' E.
10 Set temp ¼ Sec. cor.
20 Intersect E boundary
line 37 lks N of cor to Secs 12, 13
18 & 7 set by me under
this contract
Thence I run N 89° 44' W
on a true line bet Secs
12 & 13 with same Va.
10 Set Sandstone 20x12x8 in
15 in in ground for ¼

Subdivisions

Tp 10 N.R. 12 W.

Sec cor marked 1/4 on
N. face. Dug pits 18x
E & W of stone 5 1/2 ft dist
& raised a mound of
1 1/2 ft high 3 1/2 ft base along
80.20 The cor to Secs 12, 13, 1
Land rolling
Soil rocky 4th rate
Sage-brush 80.20 chs.

North bet Secs 11 & 1
Va 18° 10' E.
40.00 Set Limestone 14x10x5
in in ground for 1/4
cor. marked 1/4 on W
Dug pits 18x18x12 N & S
stone 5 1/2 ft distant & w
a mound 1 1/2 ft high 3
ft base alongside
80.00 Set Quartzite 16x10x6
10 in in ground for
to Secs 11, 12, 1 & 2. mar
5 notches S & 1 notch E

BOOK-A-213

Subdivi

Tp 10 N.

Dug pits 1
Sec 5 1/2 ft
a mound
2 ft high
alongside
Land al
Soil 4th r
Sage bur

East on
bet Secs
Va
Set temp
Intersect
50 lks N of
& 7. set
this co
Thence
on a tr
1 & 12 wit
Set pine
in gro
marked

BOOK-A-213

Subdivisions
T. 15 S. R. 12 E.

Dug pits 18x18x12 in each
Sec 5½ ft distant & raised
a mound of earth & rocks
2 ft high 4½ ft base
alongside
Land almost level
Soil 4th rate rocky
Sage brush & rocks.

East on a random line
bet Secs 1 & 12.
Va. 18° 10' E.
Set temp ¼ Sec cor.
Intersect E boundary
50 lks N of cor to Secs 1, 12, 6
& 7, set by me under
this contract
Thence S mm S 89° 39' W
on a true line bet Secs
1 & 12 with same Va.
Set pine post 3x3x3 - 20 in
in ground for ¼ Sec. cor.
marked ¼S on N face.

Subdivisions
Tp 10 N. R 12 W.

Chs	Dug pits 18x18x12 E. of post 5½ ft distant raised a mound of earth 1½ ft high 3½ ft base around post
80.00	The cor to Secs 11, 12, 2
	Land almost level
	Soil rocky 4th rate
	Sage brush 80 chs
	North on a random line bet Secs 1 & 2
	Va 18° 10' E
40.00	Set temp ¼ Sec cor.
78.10	Intersect N boundary Tp 45 lks E of cor to Secs 2, 35 & 36 which is a Limestone 14x12x5=10 in in gr
	Marked with 5 notches with regulation mound & pits
	W & 1 notch on E edges
[illegible]	Thence Trav S 0° 19' E on true line bet
[illegible]	1 & 2 with same Va [illegible]
15.50	Wash drains N E.

BOOK-A-21

Subdivisi
Tp 10 N R

	Set pine post
0	with mar
	in groun
	marked ¼
	pits 18x18x
	5½ ft dist
	mound
	high 3½
	post.
10	Wash dra
10	The cor
	12
	Land
	Soil roc
	Sage bu

Subdivision
T. 10 S. R. 12 E.

0 Set pipe post 8 ft x 3 x 4
0 with marked stone 12 in
in ground for 1/4 Sec cor
marked 1/4 Sec Grace. Dug
pits 18 x 18 x 12 N & S of post
3 1/2 ft distant & raised a
mound of earth 1 1/2 ft
high 3 1/2 ft base around
post.
0 Wash drains N.E.
10 The cor to Secs 1. 2. 11 &
12.

Land rolling
Soil rocky 4th rate
Sage brush

 Subdivisions

Tp 10 N. R. 12 W.

Chs	I begin at cor to Secs 2. 3. 34 & 35 on South boundary to Tp set by me under this contract
	Thence I run North bet Secs 34 & 35 Va 18°-10' E.
16.10	Road bears N.W.
40.00	Set Flintrock 18x12x8-10 in ground for 1/4 Sec. Marked 1/4 on W face Dug pits 18x18x12 N & Sof stone 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base. along side
80.00	Set Limestone 16x10x8-10 in in ground for to Secs 26. 27. 34 & 35 marked 1 notch S & 2 notch E. edges Dug pits 18x18x

BOOK-A-213

Subdiv

Tp 10 N R

in each
& raised
& rocks 2
base alon
Land
Soil rock
Sage bd

East on
bet Secs
Va
Set temp
Intersect
N of cor
& 36
Thence
on a tr
26 & 35
Road be
Hogup
Set pi
stone 12 in
cor. Na

Subdivisions

Tp 10 N R. 12 W.

in each Sec 5½ ft distant
& raised a mound of earth
& rocks 2 ft high & ½ ft
base alongside.
Land nearly level
Soil rocky 4th rate
Sage brush 80 chs.

East on a random line
bet Secs 26 & 35
Va 18° 10' E.
Set temp ¼ Sec cor.
Intersect N & S. line 27 lks
N of cor to Secs 25, 26, 35
& 36
Thence Imm N 89° 48' W
on a true line bet Secs
26 & 35 with same Va.
Road bears N & S at foot of
Hogup Mountains
Set pine post 3 ft × 4 in × 4 in marked
stone 12 in in ground for ¼ Sec
cor. Marked 1/4 s on N face

Subdivisions
Tp 10 N R. 12 W.

Chs	Dug pits 18x18x12 E & W of post 5½ ft distant & raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	The cor to Secs 26, 27, 34 & 35.
	Land rolling
	Soil rocky 4th rate
	Sage brush 80 chs.
	North bet Secs 26 & 27
	Va 18° 18' E.
40.00	Set Limestone 16x8x5 - 1[illegible] in in ground for ¼ [illegible] cor marked ¼ on W face
	Dug pits 18x18x12 N & S of stone 5½ ft distant & raised a mound of earth 1½ ft high 3½ ft base alongside
51.10	Wash drains West
80.00	Set Conglomerate 20x12[illegible] 15" in in ground for cor to Secs 22, 23, 26 & 27 mark[illegible]

BOOK-A-21

Subdi[illegible]
Tp 10 N [illegible]

[illegible]	2 notches
	Dug pits
	Sec 5½ ft
	a mound
	2 ft high
	side.
	Land ro[illegible]
	Soil rocky
	Sage bru[illegible]
	East on
	bet Secs
	Va [illegible]
[illegible].00	Set temp[illegible]
[illegible].00	Intersect
	N of cor
	& 26
	Thence [illegible]
	on a tr[illegible]
	28 & 26 w[illegible]
[illegible].50	Road bea[illegible]
	Hogup [illegible]
[illegible].00	Set pin[illegible]
	mark[illegible]

Subdivisions
Tp 10 S R. 12 W.

2 notches S & 2 notches E.
Dug pits 18x18x12" in each
Sec 5½ ft distant & raised
a mound of earth & rocks
2 ft high 4½ ft base along
side.
Land rolling
Soil rocky 4th rate
Sage brush.

East on a random line
bet Secs 25 & 26
Ga 18° 10' E.
Set temp ¼ Sec cor.
Intersect N & S line 23 links
N of cor to Secs 23, 24, 25
& 26.
Thence S on N 89° 50' W
on a true line bet Secs
25 & 26 with same Ga.
Road bears N & S at foot of
Hogup Mountains.
Set pine post 3 ft x 4 x 4" with
marked stone

Subdivisions
Tp 10 N R. 12 W

Chs	12 in in ground for
	Sec cor marked 1/4 S on
	face Dug pits 18x18x12
	& W of post 5 1/2 ft distant
	raised a mound of earth 1/2
	high 3 1/2 ft base around
	the post.
80.00	The cor to Secs 22, 23, 2
	27
	Land Bench lands
	Soil Loam 1st rate
	Sage brush 80 chs
	North bet Secs 22 & 23
	Va 18° 10' E.
40.00	Set Conglomerate 20x18x
	15 in in ground for 1/4
	Sec cor marked 1/4 on W
	face Dug pits 18x18x12
	S of stone 5 1/2 ft distant & raised
	mound of earth 1/2 ft high 3 1/2
	base alongside
53.00	Foot of low ridge

BOOK-A-213

Subdivisi
Tp. 10 N. 1

	Top of ridge
	Foot of ridg
	Commen
	slope North
	Set Conglo
	12 in in gr
	of slope) fo
	22 & 23.
	S & 2 notch
	18x18x12 in
	distant &
	2 ft high
	Land ro
	Soil rocky
	Sage brush
	grass 80
	East on
	bet Secs 1
	Va
00	Set temp
20	Intersect

Subdivision
Tp. 10 N. R. 12 W.

Top of ridge E & W.
Foot of ridge on bench
Commence gradual
slope North.
Set Conglomerate 18x12x4"
12 in in ground (at bottom
of slope) for cor to Secs 14, 15
22 & 23. Unpaked 3 notches
S. & 2 notches E. Dug pits
18x18x12 in each Sec. 5½ ft
distant & raised a earth mound
2 ft high 4½ ft base alongside
Land rolling
Soil rocky 4th rate
Sage brush & a little bunch
grass. 80 chs.

East on a random line
bet Secs 14 & 23
Va 18° 10' E
Set temp ¼ Sec. cor.
Intersect N & S line 25 links

Subdivisions
Tp 10 N. R. 12 W.

Chs	N. of cor to Secs 13, 28 & 24
	Thence I run N 89° 49' W on a true line bet Secs 14 & 23 with same Va.
	Descending Westward grad
40.10	Set pine post 36 x 4 x 4. 18 in ground for 1/4 Sec cor marked 1/4 S on N face
	Dug pits 18 x 18 x 12 E & W of post 5 1/2 ft distant & rai a mound of earth 1 1/2 ft high 3 1/2 ft base around post
65.00	Foot of descent commence ascending
80.20	The cor to Secs 14, 15, 22 & 23.
	Land rolling
	Soil rocky 4th rate
	Sagebrush 80.20 chs.

BOOK-A-213

Subdivisio
Tp 10 N R

Chs	North bet Va
00	Set pine p ed stone 12 in in gr marked 1/4 pits 18 x 18 x 5 1/2 ft dist mound high 3 1/2 f
00	Set Lines in ground 10, 11, 14 & 1 S & 2 notch 18 x 18 x 12 ft distan of earth & 4 1/2 ft ba Land ro Soil gra Sage bru

Subdivisions

Tp 10 N R. 12 W.

North bet Secs 14 & 15 -
Va 18° 10' E.

Set pine post 3 ft x 4" x 3" with marked stones 2 in in ground for 1/4 Sec cor marked 1/4 S on W. face; Dug pits 18 x 18 x 12 N & S of post 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post

Set Limestone 15 x 8 x 6 - 10 in in ground for cor to Secs 10, 11, 14 & 15. Marked 4 notches S & 2 notches E. Edges: Dug pits 18 x 18 x 12 in each Sec 5 1/2 ft distant & raised a mound of earth & rocks 2 ft high 4 1/2 ft base, along side

Land rolling

Soil gravel 4th rate

Sage brush 80 chs.

Subdivisions
Tp 10 N. R. 12 W.

Chs	East on a random bet Secs 11 & 14
	Va 18° 10' E.
40.00	Set temp 1/4 Sec cor.
80.30	Intersect N & S line 30 lin N of cor to Secs 11 13 & 14
	Thence Trav N 89° 47' on a true line bet Secs 11 & 14 with same Va.
40.15	Set pine post 3 ft x 8" x 4" with stone 12 in in ground for 1/4 Sec cor
	Marked 1/4 S. on N. side
	Dug pits 18 x 18 x 12 E & W. of post 5 1/2 ft distant & ra a mound of earth 1 1/2 ft high 3 1/2 ft base around post
80.30	The cor to Secs 10, 11, 14 & 15
	Land rolling
	Soil gravel 4 ft rate.
	Sage brush 80.30 chs.

BOOK-A-213

Subdivis
Tp 10 N

Chs	North bet
	Va
30	Begin to
25	To foot of
00	Set pine p
	stone 12 in in grou
	marked
	Dug pits
	post 5 1/2 f
	a mound
	high 3 1/2 f
0.80	Ridge bea
00	Set Lime
	in in gr
	Secs 2, 3,
	5 notches
	Dug pits
	Sec 5 1/2 f
	a mound
	2 ft high
	Land r
	Soil gr
	Sage bru

Subdivisions
Tp 10 N R 12 W.

chs	North bet Secs 10 & 11
	Va 18° 10' E
50	Begin to rise North
25	To foot of low ridge
00	Set pine post 3 ft x 3 x 4" with marked stone 12 in in ground for 1/4 Sec cor marked 1/4 S. on W face
	Dug pits 18 x 18 x 12 N & S of post 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post
0.80	Ridge bears E & W.
.00	Set Limestone 18 x 12 x 6" - 12 in in ground for cor to Secs 2, 3, 10 & 11. Marked 5 notches S & 2 notches E
	Dug pits 18 x 18 x 12 in each Sec 5 1/2 ft distant & raised a mound of earth & rocks 2 ft high 4 1/2 ft base along side
	Land rolling
	Soil gravel 4th rate
	Sage brush 80 chs.

Subdivisions

Tp 10 N R. 12 W.

Chs	East on a random line bet Secs 2 & 11
	Va 18° 10' E
40.00	Set temp 1/4 Sec cor
80.12	Intersect N & S line 40 lin N of corner to Secs 1, 2, 11 & 12
	Thence I run N 89° 42' W on a true line bet Secs 2 & 11 with same Va.
40.06	Set pine post 36 x 8 x 4 with stone 12 in in ground for 1/4 Sec cor marked 1/4 S on N face
	Dug pits 18 x 18 x 12 E & W 3 ft distant & raised a mound 1 1/2 ft high 3 1/2 ft bury around post - Foot of Hogup Mountains
80.12	The cor to Secs 2, 3, 10 & 11
	Land rolling
	Soil loam & gravel 3rd rate
	Sage brush 80.12 chs.

BOOK-A-213

Subdivi

Tp 10 N. R.

North on
line bet
Va
Over leve
Set temp
Intersect
of Tp. 40
to Secs
is a Lin
10 in in g
Marked
on W. & S
edges.
mound
Thence
S 0° 17'
on a tr
2 & 8 with
Set a p
18 in in
Sec cor
W face:
N & S of
& raise a
high

Subdivisions
Tp 10 N. R. 12 W

North on a random
line bet Secs 2 & 3
Va 18° 10' E.
Over level ground.
00 Set temp 1/4 Sec cor.
00 Intersect North boundary
of Tp. 40 links E. of cor.
to Secs 2, 3, 34 & 35 which
is a Limestone 14x12x5
10 in in ground ~~with~~
Marked with 4 notches
on W. & 2 notches on End
edges. with regulation
mound & pits
Thence I run
S 0° 17' E.
on a true line bet Secs
2 & 3 with same Va
00 Set a pine post 36x4x3"
18 in in ground for 1/4
Sec cor marked 1/4 S. on
W face; Dug pits 18x18x12
N. & S. of post 5 1/2 ft distant
& raised a mound of earth 1 1/2 ft
high 3 1/2 ft base around

Subdivisions
Tp 10 N R 12 W.

Chs	
	post
18.00	The cor to Secs 2, 3, 10
	Land level
	Soil Gravel & loam 2
	rate
	Sage brush 7.8. chs.
	Sept 29 1886.
	Sept 30 1886.
	I begin on S. bound
	line at cor to Secs 3
	33 & 34. set by me m
	this contract &
	run North bet Secs. 3
	& a 18° 10' E.
40.00	Set pine post 3 ft x 3 x 4 with
	stone 12 in in ground for 1/4 Sec
	Marked 1/4 S. on W. fac
	Dug pits 18 x 18 x 12 N. &
	post 5 1/2 ft distant &
	raised a mound of earth
	high 3 1/2 ft base round
80.00	Set Limestone 18 x 12 x 4
	in. in ground for
	to Secs. 27, 28, 33 & 34

Subdivi
Tp 10 N.

Marked 1 &
E: Edges: Dug pi
each Sec. 5
& raised a
earth & roc
4 1/2 ft base
Land le
Soil Alkal
Sage brus

East on
line bet
& a 1
Set temp
Intersect
N. of con
27, 34 & 35.
Thence
on a tru
27 & 34 wi
Road bear
Set pine
marked stone 12

Subdivisions

Tp 10 N. R. 12 W.

Marked 1 notch S. & 8 notches E. Edges: Dug pits 18x18x12 in each Sec. 5½ ft distant. & raised a mound of earth & rocks 2 ft high 4½ ft base alongside Land level
Soil Alkali 4th rate
Sage brush 80 chs.

East on a random line bet Secs 34 & 27
Va. 18° 10' E.
Set temp ¼ Sec cor.
Intersect N. & S. line 10 links N. of corner to Secs. 26, 27, 34 & 35.
Thence Imm N 89° 56' W on a true line bet Secs 27 & 34 with gains Va.
Road bears N.W. & S.E.
Set pine post 3 ft x 4" x 3" with marked stone 12 in in ground. for

Subdivisions
Tp 10 N. R. 12 W.

Chs	1/4 Sec. cor. marked 1/4 on N. face; Dug pits 18x12" E. & W. of port. 3 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post
80.00	The cor to Secs 27, 28 & 34.
	Land level
	Soil. Little Alkali 4th
	Sage-brush.
	North bet Secs 27 & 28
	Va 18° 10' E.
40.00	Set pine post 36x4x3 marked stone 12 in in ground for 1/4 cor. marked 1/4 S. on N. Dug pits 18x18x12 N. & S. port. 5 1/2 ft distant & raised a mound of earth 1 1/2 high 3 1/2 ft base around
80.00	Set Conglomerate 18x4"-12" in in ground

Subdivi
Tp 10 N

for cor. t
& 28. Mar
S. & 3 not
18x18x12 n
ft distan
mound
2 ft high
Land
Soil. Son
4th rate
Sage bru

East on
bet Secs
Va
00 Set tem
00 Intersec
N of cor
28, 26 & 2
Thence
on a t
22 & 27 w
00 Set pi
with

Subdivisions
Tp 10 N R. 12 W.

for cor. to Secs. 21, 22, 27 & 28. Marked 2 notches S. & 3 notches E. Dug pits 18x18x12 in each Sec. 5½ ft distant & raised a mound of earth & rocks 2 ft high 4½ ft base along side
Land nearly level
Soil. Some gravel & alkali 4th rate
Sage brush.

East on a random line bet Secs 22 & 27
Va 18° 10' E.
00 Set temp ¼ Sec cor.
00 Intersect N & S line 30 links N of corner to Secs 22, 23, 26 & 27
Thence Imm N 89° 47' W on a true line bet Secs 22 & 27 with same Va.
00 Set pine post 36x4x3" with marked stone

Subdivisions

Tp. 10 N. – R. 12 W.

Chs	12 in in ground for Sec cor marked 1/4 on N face; Dug pits 18x12 E. & W. of port 5 1/2 ft distant & raised a mo 1 1/2 ft high 8 1/2 ft base around
56.00	Road bears N.W. & S.E.
80.00	The cor to Secs 21, 22, & 28.
	Land nearly level
	Soil alkali & some gra
	4th rate
	Sage brush.
	North bet Secs 21 & 22
	Va 18° 10' E.
40.00	Set pine post 3 ft x 3 x 4 with marked
	12 in in ground for Sec. cor. marked 1/4 on W face; Dug pits 18x12 N. & S. of port 5 1/2 ft distant & raised a mo

Subdivi

Tp 10 N

	1 1/2 ft high
	Road bea
	Set Lime
	12 in in g
	cor. to Sec.
	marked
	notches
	18x12 in
	distant &
	2 ft high
	Land nea
	Soil som
	4th rate
	Sage bru
	East on
	line bet
	Va
00	Set temp
30	Intersec
	at com
	22 & 28. D
	Thence

Subdivisions
Tp 10 N R 12 W.

1½ ft high. 3½ ft base ground post
Road bears N W & S E.
Set Limestone 18 x 12 x 4.
12 in in ground for
cor. to Sec. 2. 15, 16, 21 & 22.
Marked 3 notches S. & 3
notches E. edges Dug pits 18 x
18 x 12 in each Sec. 5½ ft
distant. & raised a mound of earth
2 ft high 4½ ft base alongside
Land nearly level
Soil some gravel & alkali
4th rate
Sage brush

East on a random
line bet Secs 15 & 22.
Va 18° 10' E.
Set temp ¼ Sec cor.
Intersect N & S line
at corner to Secs 14, 15
22 & 23. Low ridge
Thence Imm West

Subdivisions.

Tp. 10 N. R. 12 W.

Ch's on a true line bet Secs
15 & 22. with same Va
40.15 Set pine post 3 ft x 4" x 3 with mark
on a ridge
in ground for 1/4 Sec
marked 1/4 S. on N. face
Dug pits 18 x 18 x 12" E. &
port. 5 1/2 ft distant &
raised a mound of earth 1 1/2 f
high 3 1/2 ft base around
80.30 The cor. to Secs. 15, 16,
22.
Land rolling
Soil gravel 4th rate
Sage brush.

North bet Secs 15 & 1
Va 18° 10' E.
40.00 Set Sandstone 12 x 6 x 4
in in ground for 1/4
cor. Marked 1/4 on W.
Dug pits 18 x 18 x 12" N. & S.
stone. 5 1/2 ft distant
raised a mound of earth 1 1/2

Subdiv
Tp 10 N
high 3 1/2 f
On West
ridge.
Low ri
Water d
Mountai
Set Lim
12 in in
to Secs.
ed 4 not
E. Dug
each Se
& raised
earth &
4 1/2 ft b
Land
Soil gr
Sage bru

East o
line be
Set ter

BOOK-A-213

Subdivisions
Tp 10 N. R 12 W.

high 3½ ft base. alongside
On West slope of low
ridge.
Low ridge N. & S.
Water drains E.
Mountains E. Foot.
Set Limestone 18x10x6"
12 in in ground for cor.
to Secs. 9, 10, 15 & 16. marked
4 notches S. & 3 notches
E. Dug pits 18x18x12" in
each Sec. 5½ ft distant.
& raised a mound of
earth & rocks 2 ft high
4½ ft base alongside
Land rolling
Soil gravel 4th rate
Sagebrush.

Cast on a random
line bet Secs 10 & 15
Va 18° 10' E.
Set temp ¼ Sec. cor.

Subdivisions

Tp 10 N. R. 12 W.

Chs	
80.00	Intersect N. & S. line
	links N of cor to Sec
	11, 14 & 15
	Thence I run N 89°44'
	on a true line bet S
	10 & 15. with same Va.
21.00	Top of ridge sloping
40.00	Set pine post 3 ft 3" x 4" with mu
	stone 12 in in ground (on ri
	for ¼ Sec. cor. marked
	S. on N. face: Dug pi
	18 x 18 x 12" E. & W. of post
	5½ ft distant & raise
	a mound of earth 1½ ft. high
	3½ ft base around post
46.00	Foot of ridge
80.00	The cor to Secs 9, 10, 15
	16.
	Land rolling
	Soil gravel 4th rate
	Sage brush

Subdivi

Tp. 10

Chs	
	North bet
	Va.
00	Top of rid
	runs N. E. &
00	Set Sands
	in ground
	marked
	pits 18 x 18
	& ½ ft di
	mound of ea
	base alon
	Water dr
00	Top of rai
	Small w
	Water dr
00	Set Lines
	in ground
	3, 4, 9 & 10.
	S. & 3 notch
	18 x 18 x 12" w
	distant. &
	2 ft high
	Land. r
	Soil grav
	Sage bru

Subdivisions

Tp. 10 N. R. 12 W.

North bet Secs 9 & 10.
Va. 18° 10' E.

Top of ridge a round valley runs N.E. & S.W.

Set Sandstone 18x9x6-12 in in ground for 1/4 Sec cor. Marked 1/4 on W. face. Dug pits 18x18x12 N. & S. of stone 8 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside

Water drains West.

Top of raise. descend to small round valley

Water drains S.

Set Limestone 18x6x4" 12 in in ground for cor. to Secs. 3, 4, 9 & 10. Marked 5 notches S. & 3 notches E. Dug pits 18x18x12" in each Sec. 5 1/2 ft distant & raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land. rolling.

Soil gravel 4th rate.

Sage brush

Subdivisions

Tp. 10 N. R. 12 W.

Chs	East on a random line bet Secs 3 & 10.
	Va 18° 10' E.
40.00	Set temp 1/4 Sec. cor.
80.18	Intersect N & S line 2 links N. of cor. to Secs 3, 10 & 11.
	Thence Imp N 89° 50' on a true line bet Secs 10 with same Va.
40.09	Set pine post 3 x 4 x 3" with 12 in ground for 1/4 Sec cor. marked 1/4 S. on N.
	Dug pits 18 x 18 x 12 E. & post 5 1/2 ft distant & raised a mound of earth 1 ft high 3 1/2 ft base around
60.00	Top of low ridge
80.18	The cor. to Secs 3, 4, 9 &
	Land rolling
	Soil Gravel 4th rate
	Sage brush

BOOK-A-2

Subdivis

Tp 10 N R

	North o
	bet Secs
00	Set temp
90	Intersec
	45 links
	3, 4, 33 &
	Chalestor
	3 notches
	on W. ed
	Thence
	S 0° 19' E.
	Secs 3 & 4
90	Set Lim
	in grou
	marked
	pits 18 x 18
	ft distan
	of earth
	base al
90	Top of g
	com
90	The cor
	Land
	Soil Gr

Subdivisions
Tp 10 N R. 12 W.

0 North on a random line
bet Secs 3 & 4.
Va 18° 10' E.
00 Set temp 1/4 Sec. cor.
90 Intersect N boundary line
45 links E. of cor. to Secs.
3, 4, 33 & 34 which is a
Shalestone 19 x 17 x 4 marked
3 notches on E. & 3 notches
on W. edges
Thence I run
So° 19' E. on a true line bet
Secs 3 & 4 with same Va.
90 Set Limestone 15 x 8 x 6-10 in
in ground for 1/4 Sec. cor.
marked 1/4 on W. face. Dug
pits 18 x 18 x 12" N. & S. of stone 8 1/2
ft distant & raised a mound
of earth 1 1/2 ft high 3 1/2 ft
base along side
90 Top of gradual ascent
commence gradual descent
90 The cor. to Secs. 3, 4, 9 & 10.
Land rolling
Soil gravel 4th rate

Subdivisions.
Tp 10 N R 12 W.

Chs Sage brush.

I begin at cor to Secs
4, 5, 32 & 33 on S bound
of Tp. set by me und
this contract
Thence I run
North bet Secs 32 & 33
& a 18° 10' E.

40.00 Set pine post 3 ft x 3" x 4" wi
marked stone 12 in in
ground for 1/4 Sec. cor.
marked 1/4 S. on W. Jac
Dug pits 18 x 18 x 12" N. & S
of post 5 1/2 ft distant & h
ed a mound of earth 1 1/2 ft high
3 1/2 ft base around post

60.00 Set a post 4 ft long 4 in sqr
with marked stone 12 in
ground for cor to Secs 28, 2
32 & 33 marked
T 10 N. S. 28 on N. E.
R. 12 W. S. 33 on S. E.

Subdivis
Tp 10 N R

Chs S. 32 on
S 29 on
with 4
E. Edgw. Dug
each Sec.
raised a
high 4 ft
Land w
Soil alk
Sage-bru

East on
bet Secs
&

.00 Set tem
.00 Intersec
N. of co
28, 33 & 34
Thence
on a tr
28 & 33. w
.00 Set pin
stone 12 in

Subdivisions

Tp 10 N. R. 12 W.

S. 32 on S. W. and
S. 29 on N. W. faces.
with 1 notch S. & 4 notches
E. Exgs. Dug pits 18 x 18 x 12" in
each Sec. 5½ ft distant &
raised a mound & earth 2 ft
high 4½ ft base around post.
Land rolling
Soil alkali 4th rate
Sage-brush.

East on a random line
bet Secs 28 & 33.
Va 18° 10' E.
1.00 Set temp ¼ Sec. cor.
1.00 Intersect N. & S. line 14 links
N. of corner to Secs. 27
28, 33 & 34.
Thence I run N. 89° 54' W.
on a true line bet Secs.
28 & 33. with same Va.
1.00 Set pine post 3 ft x 3" x 4" with marked
stone 12 in in ground for ¼ Sec.

Subdivisions.
Tp 10 N R. 12 W

Chs	cor. marked ¼ S. on N. face; Dug pits 18x18x1 E. & W. of port. 5½ ft dis & raised a mound of earth 1½ high 3½ ft base. around
80.00	Cor. to Secs. 28, 29, 32 & 3 Land nearly level Soil. alkali some gra 4th rate Sage brush.
	North bet Secs 28 & 29. Va 18°10' E.
40.00	Set Limestone 14x8x4" in in ground for ¼ Sec cor. marked ¼ on N. fa Dug pits 18x18x12 N. & S. of stone. 5½ ft distant & raised a mound of earth 1½ ft high 3½ ft base. along
80.00	Set Limestone 16x8x4" 10 in in ground for cor to Secs. 20, 21, 28 & 29. mar

BOOK-A-2

Subdivi
Tp 10 N

Chs	ed 2 note E. Dug p each Sec. & raised high 4 ft Land Soil alk Sage bru
	East on line be
.00	Set temp
.24	Intersec N. of cor 27 & 28. Thence on a line & 28. wit
.12	Set a pi marked stone Sec. cor. N. face

Subdivisions
Tp 10 N R. 12 W.

ed 2 notches S. & 4 notches E. Dug pits 18x18x12 in each Sec. 5 1/2 ft distant & raised a mound of earth 2 ft high 4 ft base. alongside
Land nearly level
Soil alkali 4th rate
Sage brush.

East on a random line bet Secs 21 & 28.
Va 18° 10' E.
.00 Set temp 1/4 Sec. cor.
.24 Intersect N & S line 48 lks N. of corner to Secs. 21, 22 27 & 28.
Thence Trun N 89° 39' W on a true line bet Secs. 21 & 28. with same Va.
.12 Set a pine post 3 ft x 3" x 4" with marked stone 12 in in ground for 1/4 Sec. cor. marked 1/4 S. on N. face; Dug pits 18x18

Subdivisions.

Tp 10 N R 12 W.

Chs	x12" E. & W. of post 5½ ft distant raised a mound of earth 1½ ft high 3½ ft base around post
88.24	The cor to Secs 20, 21, 2[illegible] & 29.
	Land level
	Soil alkali 4th rate
	Sage brush
	North bet Secs 20 & 2[illegible]
	Va 18° 10' E.
4.00	Foot of low bench trs E. & W.
10.00	Top of Bench
22.00	Edge of hollow drains S.W.
23.20	Bottom of hollow.
40.00	Set pine post 3 ft x 3" x 3" with [illegible] stone 12 in in ground for ¼ Sec cor. marked ¼ S. on W. fa[illegible]
	Dug pits 18 x 18 x 12 N. & S. of post 5½ ft distant & raised a mound of earth 1½ ft high 3½ ft base around post
55.00	Leave hollow.

Subdivi[illegible]

Tp 10 N

Chs	
[illegible]00	Set Sand[illegible] in in g[illegible] to Secs. [illegible] marked notches 18 x 18 x 12" [illegible] 5½ ft [illegible] a mon[illegible] 4½ ft ba[illegible] Land [illegible] Soil g[illegible] Sage br[illegible]
	East [illegible] line be[illegible]
	On gr[illegible]
[illegible].00	Set ten[illegible]
[illegible].40	Intersect[illegible] line at 21 & 22.
	Then[illegible]

Subdivisions

Tp 10 N R 12 W

Set Sandstone 14x6x6".9 in in ground for cor. to Secs. 16, 17, 20 & 21. marked 3 notches S. & 4 notches E.; Edges Dug pits 18x18x12" in each Sec. 5½ ft distant & raised a mound of earth 2 ft high 4½ ft base alongside Land rolling Soil gravel 4th rate Sage brush.

East on a random line bet Secs. 16 & 21.
Va 18° 10' E.
On gradual rise
Set temp ¼ Sec. cor.
Intersect North & South line at cor. to Secs 15, 16 21 & 22.
Thence I run West

Subdivisions.
Tp 10 N. R. 12 W.

Chs	
	on a true line bet Secs 16 & 21, with same Va.
8.20	Road N.W. & S.E.
39.00	Ridge bears N. & S.
40.20	Set pine post 3 ft x 4 x 3" with [illegible] ed stone 12 in in ground. for 1/4 cor. marked 1/4 S on N. [illegible] Dug pits 18 x 18 x 12 E. & [illegible] of post. 5 1/2 ft distant raised a mound of earth 1 1/2 high 3 1/2 ft base around [illegible]
80.40	The cor to Secs 16, 17. 20 21.
	Land rolling
	Soil gravel & alkali 4th [illegible]
	Sage brush
	North bet Secs 16 & 17. Va 18° 10' E.
	Gradual rise 1°
40.00	Set pine post 3 ft x 3 x 3" with [illegible] stone 12 in in ground for 1/4 Sec. cor. marked 1/4 S on

Subdivisio[illegible]
Tp. 10 N. R. [illegible]

[illegible]	W. face; D[illegible] N. & S. of [illegible] & raised a [illegible] high 3 1/2 f[illegible]
[illegible]	Set Lim[illegible] 8 in in g[illegible] to Secs 8. [illegible] 4 notches [illegible] Dug pit[illegible] Sec. 5 1/2 ft [illegible] a mound [illegible] base. also [illegible] Land [illegible] Soil Gra[illegible] Sage-bru[illegible]
	East o[illegible] bet Secs [illegible]
	Ascend.
[illegible]	Set ter[illegible]
[illegible]	Intersec[illegible] links N. [illegible]

Subdivisions
T. 10 S. R. 12 E.

W. face; Drag pits 18x18x12"
N. & S. of post. 5½ ft distant
& mound a mound of earth 1½ ft
high 5½ ft base around post.
Set Limestone 12x6x4-
8 in in ground for cor
to Secs 8, 9, 16 & 17. marked
4 notches S & 4 notches E.
Drag pits 18x18x12" in each
Sec. 5½ ft distant & raised
a mound of earth 2 ft high 4 ft
base. alongside.
Land rolling
Soil Gravel & Alkali & Rate
Sage-brush.

East on a random line
bet Secs 9 & 16.
Da 18°10' E.
Ascend.
Set temp ¼ Sec. cor.
Intersect N. & S. line 27
links N. of cor to Secs. 9 & 10

Subdivisions

Tp 10 N. R. 12 W.

Chs	
	15 & 16.
	Thence I run N. 89° 48' W.
	on a true line bet Sees
	9 & 16. with same Va.
35.00	Top of ridge
40.10	Set pine post 3 ft x 3 x 4" with
	ed stone 12 in in ground for 1/4 Sec. cor
	marked 1/4 S. on N. face
	Dug pits 18 x 18 x 12" E. &
	of post. 5 1/2 ft distant
	raised a mound of earth 1 1/2 ft
	high 3 1/2 ft base. around
55.00	Road N.W. & S.E.
80.20	The cor to Sees 8. 9. 16 & 17
	Land rolling
	Soil gravely 4th rate
	Sage brush
	North bet Sees 8 & 9.
	Va. 18° 10' E.
29.50	Telegraph line S.W.
	of low ridge
30.81	Center C. P. R. R. trace bis N.E. & S.

BOOK-A-2

Subdivi

Tp 10 N. R

	Telegraph
	Enter bot
	3 ft x 4" x 3"
	12 in in g
	cor. mark
	Dug pits
	5 1/2 ft dist & va
	earth 1 1/2
	around
	Leave bot
	Top of R
	Bottoms
	Set pine
	marked
	ground
	marked
	R 12 W. S.
	S. 8 on S.
	S. 5 on N.
	S. & 4 notche
	pits 18 x 18 x
	& raised a
	high 4 1/2 b
	Land

Subdivisions

T. 10 N. R. 12 W.

Telegraph line N.E. & S.W.
E. over bottoms. Set pine post
8 ft x 4" x 3" with marked stone
12 in in ground for 1/4 sec.
cor. marked 1/4 S. on W. face
Dug pits 18 x 18 x 12 W. & S. of post
5½ ft dist & raised a mound of
earth 1½ ft high 8½ ft base
around post.
Leave bottoms
Top of Knoll
Bottoms
Set pine post 4 ft x 4 x 4 with
marked stone 12 in in
ground for cor. to Secs. 4, 5, 8 & 9.
marked - T. 10 N. S. on N.E.
R. 12 W. S. 9 on S.E.
S. 8 on S. W. &
S. 5 on N. W. faces with 5 notches
S. & 4 notches on E. edges. Dug
pits 18 x 18 x 12 in each Sec. 5½ ft dist
& raised a mound of earth 2 ft
high 4½ base around post
Land rolling

Chs	Soil alkali 4th rate
	Sage brush
	East on a random line
	bet Secs 4 & 9.
	Va 18° 10' E
40.00	Set temp 1/4 Sec. cor.
80.00	Intersect N. & S. line at cor. to
	3, 4, 9 & 10.
	Thence I run West on a
	line bet. Secs. 4 & 9 with same
40.00	Set pine post 3 ft x 4" x 3½" with mark
	stone 12 in in ground for 1/4 Sec
	marked 1/4 S. on N. face; Dug
	18 x 18 x 12 E. & W. of post. 5½ ft dis
	& raised a mound of earth 1½ ft high
	8½ ft base around post.
47.48	Telegraph line bearing N.E. & S.
48.50	C.P. R.R. track bearing N.E. & S.W.
49.50	Telegraph line bearing N.E.
80.00	The cor. to Secs 4, 5, 8 & 9.
	Land nearly level
	Soil alkali 4th rate
	Sage brush

BOOK-A-213

Subdivis

Tp 10 N. 1

North on a

bet Secs 4

Va 18° 1

Set temp

Intersect

to Tp. at 2

to Secs. 4. 5.

Trachite 19 x 10

marked w

& 4 notches

Thence I m

S. 0° - 12' E.

on a true

5. with ea

80 Set pine post 3 f

in ground

marked

Dug pits

post. 5½

a mound

ft base ar

80 The cor. to

Land ne

Soil alkali

Sage-brus

Subdivision

Tp 10 N. R. 12 W.

North on a random line
bet Secs 4 & 5.
Va 18° 10' E.
Set temp 1/4 Sec. cor.
Intersect North boundary
to Tp. at 28 links E. of cor.
to Secs. 4. 5, 32 & 33. which is a
Trachite 19x10x5 - 12 in in ground
marked with 2 notches on W.
& 4 notches on E. edges: with regulation mound & pits
Thence I run
S. 0° - 12' E.
on a true line bet. Secs. 4 &
5. with same Va.
Set pine post 3 ft x 4" x 3" with marked stone
12 in in ground for 1/4 Sec. cor.
marked 1/4 S on W. face
Dug pits 18x18x12" N. & S. of
post. 5 1/2 ft distant & raised
a mound 2 ft high 4 1/2
ft base around post.
The cor. to Secs 4, 5, 8 & 9.
Land nearly level
Soil alkali & gravel 4th rate
Sage-brush.

Sept 30 1886

 Subdivisions

Tp 10 N. R. 12 W

Oct 1 1886

Che From cor. to Secs 31. 3
5 & 6. on S. boundary to
Set by me under this
contract.
Inn
North bet Secs 31 & 32
Va 18° 10' E.

40.00 Set pine post 3 ft x 3 x 3" with
stone 12 in in ground for 1/4
cor. marked 1/4 S. on W.
face; Dug pits 18 x 18 x 1
E. & S. of ~~Post~~ 5 1/2 ft dist
& raised a mound of earth 1
high 3 1/2 ft base. around p

80.00 Set Limestone 18 x 4 x 6" - 12
in ground for cor. to S
29. 30. 31. & 32. marked
notch S. & 5 notches E.
Dug pits 18 x 18 x 12" in each
Sec. 5 1/2 ft distant & raised
mound of earth 2 ft high 4 1/2 ft
Land nearly level
Soil alkali 4th rate
Sage brush.

BOOK-A-21

Subdi

Tp 10 N

0 East on a
bet Secs 2
Va

0 Set temp

6 Intersect
N. of corn
32 & 33.
Thence
N 89° 39' W
on a tree
& 32. with

3 Set pine
stone 12 in in gro
marked
Dug pits
of post. 5 1/2
a mound
ft base.

46 The cor. to
32.
Land
Soil alk
Sage bru

Subdivisions

Tp 10 N R 12 W.

10 East on a random line bet. Secs 29 & 32.

Va 18°10' E

10 Set temp 1/4 Sec. cor.

46 Intersect N. & S. line 50 links N. of corner to Secs 28, 29 32 & 33.

Thence Jam

N 89°39' W.

on a true line bet. Secs. 29 & 32. with same Va.

23 Set pine post 3 ft x 4 x 3" with marked stone 12" in ground for 1/4 Sec. cor. Marked 1/4 S. on N. face Dug pits 18 x 18 x 12" E. & W. of post. 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post.

46 The cor. to Secs. 29, 30, 31 & 32.

Land level

Soil alkali & gravel 4th rate

Sage brush

Subdivisions
Tp 10 N. R. 12 W.

Chs West on a random line
bet. Secs. 30 & 31.
Va 18° 10' E.
40.00 Set temp ¼ Sec. cor.
80.00 Intersect W. boundary
Tp at cor. to Secs 25, 30, 31 & 36 which is a 4 hint stone
x 6 - 18 in in ground
marked 6 notches on S.
5 notches on N. edge
with regulation mound & pits
Thence Inun East
on a true line bet Secs
30 & 31. with same Va.
40.00 Set pine post 30" x 8" x 3" with
stone 12 in ground for ¼ Sec. cor. mark
¼ s on W. face. Dug pits
18 x 12" E. & W. of post. 3½ ft
tant. & raised a mound
1½ ft high 3½ ft base around
80.00 The cor. to Secs. 29, 30,
& 32.
Land level
Soil 4th rate Alkali
Sage brush.

BOOK-A-2

Subdivi
Tp 10 N. R
North bet
Va
Set pine po
stone 12 in in g
Sec. cor. M
W face. D
N. & S. of po
& raised a
high 3½ f
Set pine
with marked
12 in in
to Secs. 19
ed T. 10 N.
R. 12 W.
S. 30 on
S. 19 on
S. & 5 notches
in each Se
raised a
4½ ft ba
Land le
Soil alka
Sage bu

Subdivisions

Tp 10 N. R. 12 W.

North bet Secs 29 & 30.
Va 18° 10' E.

Set pine post 3 ft x 3" x 3" with marked stone 12 in in ground for 1/4 Sec. cor. Marked 1/4 S. on W face. Dug pits 18 x 18 x 12" N. & S. of post 5 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post.

Set pine post 36" x 3" x 3" with marked stone 12 in in ground for cor. to Secs. 19, 20, 29 & 30. marked T. 10 N. S. 20. on N. E. R. 12 W. S. 29 on S. E. S. 30 on S. W. and S. 19 on N. W. faces. with 2 notches S. & 5 notches E. Dug pits 18 x 18 x 12 in each Sec 5 1/2 ft distant & raised a mound of earth 2 ft high 4 1/2 ft base around post —

Land level.

Soil alkali 4th rate

Sage brush

Subdivisions

Tp. 10 N. R. 12 W.

Chs	East on a random line bet. Secs 20 & 29. Va 18° 10' E.
40.00	Set temp 1/4 Sec. cor.
80.60	Intersect N. & S. line 2 links N. of cor. to Secs 20, 28 & 29.
	Thence I run N 89° 49' W. on a true line bet. Secs 20 & 29. with same Va.
40.30	Set pine post 3 ft x 4" x 3" with mo stone 12 in in ground for 1/4 Sec. cor. marked 1/4 S. on N. face. Dug pits 18 x 18 E. & W. of post. 5 1/2 ft dist & raised a mound of earth 1 1/2 ft high 3 1/2 ft base area
80.60	The cor. to Secs 19, 20, 2 & 30.
	Land level
	Soil alkali 4th rate
	Sage brush

BOOK-A-21

Su

Tp. 10 N-

	West. on bet. Sec
00	Set temp
10	Intersect at cor. to which is given in a long. set marked S. & 4 nat with reg & pits —
	Then
	East on secs. 19 &
10	Set line in the gr marked pits 18 & 18 5 1/2 ft dist of earth along si
0.10	The cor.

Subds

Tp. 10 N - R. 12 W.

West. on a random line bet. secs. 19 & 30.
Va. 18° 10' E.

00 Set temp'y 1/4 sec. cor.

10 Intersect W. boundary of Tp. at cor. to secs. 19. 30. 24 & 25. which is a flint stone 12" x 6" given in old notes as "14" long. set 10" in the ground". marked with 2 notches on S. & 4 notches on N. edges. with regulation mound & pits —

Thence I run East on a true line bet secs. 19 & 30. with same Va.

10 Set limestone 10 x 8 x 8". 7" in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5 1/2 ft dist & raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside.

0.10 The cor. to secs. 19. 20. 29 & 30.

Sub^ds

T/p. 10 N. R. 12 W.

chs	
	Land. level
	Soil. Alkali – 4th ra
	Sagebrush
	North lect. secs. 19 &
	Va. 18°10' E.
40.00	Set trachyte stone 14 x 8 x 5"
	in the ground. for 1/4 sec. cor.
	marked 1/4 on W. face: dug p
	18 x 18 x 12" N. & S. of stone. 5½
	& raised a mound of Earth
	high. 3½ ft base alongside
80.00	Set limestone 14 x 8 x 7". 1
	the ground. for cor. to sec
	18. 19 & 20. marked with
	notches on S. & 5 notches
	E. edges; dug pits 18 x 18 x 1
	Each sec. 5½ ft dist. & rai
	mound of Earth 2 ft high
	base alongside.
	Land. level
	Soil. Alkali – 4th rat
	Sagebrush

BOOK-A-213

Subdivisi

T/p. 10 N.

East on

line bet

Va.

Set temp

Intersect

links of

20 & 21.

Thence I

N 89° 52' W.

on a true

17 & 20. with

Set pine

stone [illegible]

Sec. cor.

N. face

E. & W. of post & 5

& raised

ft high

The cor.

& 20.

Land

Soil alk

Sage-bru

Subdivisions

Tp. 10 N. R. 12 W.

East on a random line bet. Secs 17 & 20.
Va 18° 16' E.
Set temp 1/4 Sec. cor.
Intersect N. & S. line 19 links N of cor. to Secs 16, 17, 20 & 21.
Thence I run
N 89° 52' W.
on a true line bet. Secs. 17 & 20. with same Va.
Set pine post 3 ft x 3" x 4" with marked stone 12 in in ground for 1/4 Sec. cor. marked 1/4 S on N. face Dug pits 18 x 18 x 12" E. & W. of post & 6 1/2 ft distant & raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post
The cor. to Secs. 17, 18, 19 & 20.
Land level
Soil alkali 4th rate
Sage-brush.

Subdivisions
Tp 10 N. R. 12 W.

Chs	West on a random line bet Secs. 18 & 19. Va 18° 10' E.
40.00	Set temp 1/4 Sec. cor
80.18	Intersect W. boundary of Tp. at cor to Secs 19, 13 & 24. which is a L stone 15 x 9 x 5" - 10 in ground marked 3 no on N. & 3 notches o S. edges. with mound & p
40.08	Set Limestone 16 x 7 x 7 in in ground for 1/4 Sec. cor. marked 1/4 on N. face: Dug pits 18 x 18 E. & W. of stone. 3 1/2 ft di & raised a mound 1/2 ft high 3 1/2 ft base. along w
80.18	The cor. to Secs. 17, 18, 19 & 20.
	Land level
	Soil alkali 4th rate
	Sage brush.

BOOK-A-21

Subdivi
Tp 10 N

Chs	North b
00	Set Lim 10 in in Sec. cor. W. face. x 12" N. & distant mound ft base a
73	Telegraph
75	C. P. R. R.
00	Set Trach in grou 7, 8, 17 & 18 S. & 3 not 18 x 18 x 12" ft dista mound base a Land Soil al Sage b

Subdivisions

Tp 10 N. R. 12 W.

North bet Secs. 17 & 18.
Va 18° 10' E.

Set Limestone 14 x 8 x 6"
10 in in ground for ¼
Sec. cor. marked ¼ on
W. face. Dug pits 18 x 18
x 12" N. & S. of stone 5½ ft
distant & raised a
mound of earth 1½ ft high 8½
ft base alongside

Telegraph line bearing N.E. & S.W.

C.P.R. R. track N.E. & S.W.

Set Trachite 24 x 16 x 8" - 18 in
in ground for cor. to Secs
7, 8, 17 & 18. Marked 4 notches
S. & 3 notches E. Dug pits
18 x 18 x 12" in each Sec. 5½
ft distant & raised a
mound of earth 2 ft high 4 ft
base alongside.

Land level

Soil alkali 4th rate

Sage brush

Subdivisions
Tp 10 N R 12 W

Chs	
	East on a random line bet Secs 8 & 17. Va 18° 10' E.
40.00	Set temp 1/4 Sec. cor.
80.32	Intersect N. & S. line the corner to Secs. 8, 16 & 17.
	Thence I run West on a true line bet S 8 & 17. with same Va.
40.16	Set Limestone 12 x 6 x 4 in in ground for 1/4 cor. marked 1/4 on N. Dug pits 18 x 18 x 12" E. & W 5 1/2 ft distant from st & raised a mound of cor ft high 3 1/2 ft base.
78.30	Telegraph line bearing N. E. & S.
79.70	C. P. R. R. Track bearing N. E. & S. W.
80.32	The cor. to Secs 7. 8. 17 & 18.
	Land level
	Soil gravely 4th rate
	Sage-brush.

BOOK-A-21

Subdivi
Tp 10 N

	West on a bet Secs Va
.00	Set temp
35	Intersect Tp. at cor 18. which rock 12 ground notches on N. W
	Thence I on a tru 7 & 18. with
35	Set Sand in grou marked 1/4 pits 18 x 18 ft dist. & ft high 3 1/2
.00	Road bear
34	Telegraph
35	The cor Land Soil some

Subdivisions
Tp 10 N R 12 W.

West on a random line
bet Secs 7 & 18.
Va 18° 10' E.
00 Set temp 1/4 Sec. cor.
35 Intersect W. boundary of
Tp. at cor to Secs 7. 18. 12 &
13. which is a volcanic
rock 12 x 10 x 5" - 8 in in
ground marked 4
notches on S. & 2 notches
on N. edges with mound & pits
Thence Run East
on a true line bet Secs.
7 & 18. with same Va.
35 Set Sandstone 12 x 9 x 6" - 8 in
in ground for 1/4 Sec. cor.
marked 1/4 on N. face; Dug
pits 18 x 18 x 12" E. & W. of stone 5 1/2
ft dist. & raised a mound of earth 1 1/2
ft high 3 1/2 ft base alongside
00 Road bears N.E. & S.W.
34 Telegraph line bears N.E. & S.W.
35 The cor to Secs 7. 8. 17 & 18.
Land nearly level
Soil some alkali 4th rate

Subdivisions
Tp 10 N R 12 W.

Chs	Sage-brush
	North bet Secs 7 & 8.
	Va 18° 10' E.
.70	Telegraph line N.E. & S.W.
40.00	Set Trachite 14x7x8"-10 in ground for 1/4 Sec. cor. m 1/4 on W. face. Dug pits 18x1 12" N. & S. of stone. 3 1/2 ft distan & raised a mound of earth 1 1/2 ft high 3 1/2 ft base along su
71.50	Road bears N.E. & S.W.
80.00	Set Limestone 14x7x6"-10 in ground for cor. to Sec 5, 6, 7 & 8 marked 5 notches S. & 5 notches E. Dug pits 18x18x12" in each Sec. 3 1/2 ft distant & raised a mound of earth 2 ft high 4 1/2 ft base along
	Land level
	Soil alkali - 4th rate
	Sage brush

BOOK-A-2

Subdiv
Tp 10 N

40	East on bet Secs
00	Set temp
38	Intersect The cor 8 & 9.
	Thence West on a tr 3 & 8. with
19	Set pine in in g cor. ma Dug pi of post. raised high 3 1/2
.00	Leave
.10	Road
38	The cor Land Soil al Sage b

Subdivisions

Tp 10 N R. 12 W.

00	East on a random line bet Secs 5 & 8.
	Va 18° 10' E
00	Set temp ¼ Sec. cor.
38	Intersect N. & S. line at The corner to Secs. 4, 5 8 & 9.
	Thence Imm
	West
	on a true line bet Secs. 5 & 8. with same Va.
19	Set pine post 36 x 4 x 3" with marked stone 12 in in ground for ¼ Sec cor. marked ¼ S. on N. face
	Dug pits 18 x 18 x 12" E. & W. of post. 5½ ft distant & raised a mound of earth 1½ ft high 3½ ft base around post
.00	Leave bottoms
.10	Road N.E. & S.W.
38	The cor. to Secs 5, 6, 7 & 8
	Land nearly level
	Soil alkali - 4th rate
	Sage brush

Subdivisions

Tp 10 N. R. 12 W.

Chs	West on a random line bet Secs. 6 & 7. Va 18° 10' E.
40.00	Set temp ¼ Sec. cor.
80.00	Intersect W. boundary to Tp. at cor to Secs 6, 7, 12. which is a volcanic rock 13×9×9"-11 in in ground marked 5 notches on S. & 1 notch N. faces. with mound & pits
23.00	Leave bench
40.00	Set Limestone 24×14×6 in in ground. for ¼ cor. marked ¼ on N. f. Dug pits 18×18×12" E. & W. of stone 3½ ft distant. raised a mound of earth 1½ ft high 3½ ft base a longside
80.00	The cor. to Secs. 5, 6, 7 & 8 Land rolling Soil alkali - 4 ft. rate Sage brush.

BOOK-A-2

Sub

Tp. 10 N-

North on a
bet. Secs.
Va
Set temp
Intersect N.
24 lks E. of
which is a
given in old
set 17" in th
with 1 notc
on E. edges.
mound & p
S. 0° 10' E. on
Secs. 5 & 6.
Top of bu
Foot of
Cove Creek
Set Trachy
in the grou
marked ¼
18×18×12" N.
raised a m
3½ ft base
The cor. to

Tab^ds

Tp. 10 N. R. 12 W.

North. on a random line
bet. secs. 5 & 6.
Va. 18°10' E.

60 Set tempy 1/4 sec. cor.
65 Intersect N. boundary of Tp.
24 lks E. of cor. to secs. 5.6.31 & 32.
which is a trachyte stone 13"×7",
given in old notes as "25" long
set 17" in the ground," marked
with 1 notch on W. & 5 notches
on E. edges, with regulation
mound & pits — Thence Ivne
S. 0° 10' E. on a true line bet.
secs. 5 & 6. with same Va.
65 Top of bench.
95 Foot of Do
45 Cove Creek (dry) bs N.W. & S.E.
65 Set trachyte stone 14×8×6" 10"
in the ground for 1/4 sec. cor.
marked 1/4 on W. face; dug pits
18×18×12" N. & S. of stone 5½ ft dist. &
raised a mound of earth 1½ ft high
3½ ft base alongside
65 The cor. to secs. 5.6.7 & 8.

Sub^de

T/p. 10 N. R. 12 W.

chs Land, undulating
Soil, sand, gravel & alkali — 3
Sagebrush
Oct. 1. 1886

General Descripti
This township inclu
both mountainous & lev
lands — It is devoid of wa
& timber, save on the ea
slope of mts there are a
dwarf cedars, and in th
spring of the year Co
creek extends into the N
cor, but soon sinks —
The soil is poor, being
or less impregnated with
alkali — The sagebrush
greasewood are small,
there is but little bunch-g
The C.P.R.R. runs throu
the N.W. portion of the T/p.

Edmund Wil

Chas. T. Betts
US Dept Surv

BOOK-A-2

S. SURVEYOR GENER

Salt Lake City,

The foregoing field
Sub

ownship No. 10. N

the Salt Lake Merid
Wilkes a

nder Contract No.

ay of June
Sept & Oct

xamined, the necess

nade, the said field n

re hereby approved.

Wil

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st 1887

The foregoing field notes of the —— survey of the Subdivisions

wnship No. 10. N Range No. 12. W

the Salt Lake Meridian. Executed by

Wilkes and E. B. Betts

nder Contract No. 140 of the 24th

ay of June 1886, in the months of

Sept & Oct 1886, having been critically

xamined, the necessary corrections and explanations

nade, the said field notes, and the surveys they describe

re hereby approved.

William G. Burrows

U. S. Surveyor General for Utah.

BOOK-A-213

PORT:

d

mined by John H.

iscribed by Jennie

pared by G P Nor

FIELD

OF THE SUR

Subdi

and Mean

wnship No. 11 N

nge No. 10 We

OF

SALT LAKE

UTAH T

AS SUR

E. Wilkes

U. S. Dep

Under his Contract

ted June

rvey commenced

rvey completed

5.

BOOK-A-213 239

PORT:

d 188

mined by John H. Campe

nscribed by Jennie V. Borman.

pared by G P Norton and H R M Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions
and Meanders

OF

wnship No. 11 North

nge No. 10 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes & C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

ted June 24th 1886

rvey commenced Oct 8 1886

rvey completed " 9 1886

5.

18

NAMES AND DUTIES OF ASSISTANT

Chas S Wilkes	Compass
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Subd

Tp 11 N. R

Know

to be frac

south sid

of the inte

is impract

the S. bou

find it n

the subdiv

N. bound

Su

Oct. 8 th

+ Sun's transit

After lon

found th

12 N. Rs

1/4 sec. co

of this Tp

needle va

to trace

I beg

which is

square.

of stone

above m

with 6

Subdivisions
Tp 11 N. R. 10 W. S. L. mer

Knowing this township to be fractional on the south side; that by reason of the intervening Lake it is impracticable to run the S. boundary line; I find it necessary to make the subdivisions from the N. boundary

Survey Commenced Oct. 8th 1886, with a Pike & Son's Transit - Gurley Solar attachment.

After long search having found the Cor. to Tps 11 & 12 N. Rs 9 & 10 W. and two 1/4 sec. cors on N. boundary of this Tp. and finding needle variation 17° 35' E. to trace this line

I begin at the Tp cor. which is a post 8 x 8 ins square, set in a mound of stone, standing 28 ins above mound, marked with 6 notches on each

Sub as

Tp. 11 N. R. 10 W.

chs	Edge, & regulation me[illegible] identifying it to be th[illegible] cor. to Tps 11 & 12 N. Rs [illegible] 10 W.
	Thence I run
	West along N. boundary [illegible] Sec. 1.
	Va. 17° 35' E.
	Down sage & greasewood slope
5.50	Road, bears N. W. & S. E.
14.00	Wire fence bs E. & W.
29.50	Old road, bs N. W. & S. E. along ground sloping gently
40.00	No trace of old cor.
	Set pine post 3½ ft long. 4[illegible] square, with marked stone 12 ins in the ground, for ¼ sec marked ¼ S. on N. face; du[illegible] pits 18 × 18 × 12 E. & W. of stone 5½ ft dist. & raised a mound Earth 1½ ft high. 3½ ft base alongside -
	About 10 chs N. E. of this p[illegible]

BOOK-A-213

Sub a[illegible]

Tp 11 N. R. [illegible]

rise large [illegible] 36, forming [illegible] in diameter [illegible] flows S.W. a str[illegible] lks wide. 4 [illegible] ading into [illegible] slough a[illegible] 2 chs N.E. [illegible] ranch bu[illegible] 25 Edge of im[illegible] & marsh [illegible] Set pine p[illegible] square, w[illegible] 12 in the [illegible] meander [illegible] marked [illegible] R. 10 W. [illegible] T. 11 N. [illegible] T. 12 N. [illegible] pit 3 ft sq[illegible] E. of post [illegible] of Earth [illegible] around [illegible] Land [illegible]

Subdivs

Tp 11 N. R. 10 W.

rise large springs, in sec. 36, forming a pool 150 lks in diameter, from which flows S. W. a strong stream 200 lks wide, 4 or 5 ft deep, spreading into impassable slough and marsh — 2 chs N.E. of pool are ranch buildings.

25 Edge of impassable slough & marsh, bears S. W.

Set pine post 4 ft long, 4 ins square, with marked stone, 12" in the ground for fractional meander cor. to secs 1 & 36. Marked M.C. and R. 10 W. on W.
T. 11 N. S. 1 on S. and
T. 12 N. S. 36 on N. faces: dug pit 3 ft square, 12" deep, 8 lks E. of post, & raised a mound of earth 2 ft high, 4½ ft base around post.

Land slopes, & nearly level.

Sub^ds

T/p 11 N-R. 10 W.

Chs	Soil. Sandy — 2^d rate Sage & greasewood.
	It being impractical to reach the cor. to Secs. 1, 35 & 36. I run from the 1/4 sec. cor. on N. boundary of T/p. through center of South, for a base line. Va. 17° 35' E.
	Along nearly level sage land
40.00	Set a point & run West on true line with same Va.
37.00	Enter bare alkali bottom
40.00	Set pine post 3½ ft long & square, with marked stone 12" in the ground. for 1/4 sec. cor. on the line bet Secs. 1 & marked 1/4 S. on W face; dug pits 18×18×12" N. & S. of post 5½ ft dist. & raised a mound

BOOK-A-213

Sub^ds

T/p 11 N-R.

Earth 1½ ft
base arom
Land. n
Soil. san
2^d to 4th

From the
Secs. 1 & 2.
North, bet

At Edge of
Set pine po
square, wi
12" in the
Cor. to fractional Secs.
and T. 11
R. 1
S. 2
pit 3 ft sq
8 lks S. of
mound of
4½ ft base
Land. level

BOOK A-213

Sub^do

T/o 11 N - R. 10 W.

Earth 1½ ft high 3½ ft base around post.
Land, nearly level
Soil, sandy & alkali
2^d to 4th rate

From the 1/4 sec. cor. bet secs. 1 & 2.
North, bet secs. 1 & 2.
Va. 17° 35' E.
at Edge of slough
Set pine post 4 ft long 3 x 4 square, with marked stone, 12" in the ground, for meander cor. to fractional secs. 1 & 2, marked M.C. and - T. 11 N - on N.
R. 10 W - S. 1 on E. and
S. 2 on W. faces; dug pit 3 ft square 12" deep 8 lks S. of post, & raised a mound of Earth 2 ft high, 4½ ft base around post.
Land, level - Soil alkali - 4th rate

Subds

T/p 11 N - R. 10 W.

Chs From the 1/4 sec. cor. [illegible]
Secs. 1 & 2.
South, bet secs. 1 & 2.
3.00 At Edge of Slough
Set pine post 4 ft long 3 [illegible]
square, with marked Sta[illegible]
12" in the ground, for meand[illegible]
Cor. to fractional secs. 1 & 2, marked
M.C. and
T. 11 N - on S.
R. 10 W - S. 1 on E. and
S. 2 on W. faces; dug pi[illegible]
3 ft square, 8 lks N. of pos[illegible]
& raised a mound of Earth
2 ft high, 4½ ft base around po[illegible]
Land, Level
Soil, Alkali - 4th rate

It being impracticable
to reach the cor. to secs. 1.2.1[illegible]
& 12, by reason of the intervening
water, I run from the cor.
to secs. 1.6.7 & 12. on the E.

BOOK-A-21

Sub[illegible]

T/p 11 N -

boundary o[illegible]
pine post
a mound o[illegible]
regulation[illegible]
with 1 Not[illegible]
on S. & 6 N[illegible]
West o[illegible]
bet secs[illegible]

Along ne[illegible]
bunch-gr[illegible]
00 Enter bar[illegible]
00 Set pine [illegible]
square, w[illegible]
12" in the
cor. mar[illegible]
dug pits
5½ ft dis[illegible]
of Earth
base a[illegible]
3.00 At Edge
post 4 ft
with m[illegible]
ground

Subs

Tp 11 N. R. 10 W.

boundary of Tp. which is a pine post 36" x 3" x 2". set in a mound of Earth, with regulation pits, marked with 1 Notch on N. 5 Notches on S. & 6 Notches on W. Edge.

West on a true line bet secs. 1 & 12.

Va. 17° 35' E.

Along nearly level sage & bunch-grass land

.00 Enter bare alkali bottom

.00 Set pine post 4 ft long, 3 x 4" 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" E & W. of post 5 1/2 ft dist, & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base around post.

3.00 At edge of slough, set pine post 4 ft long, 4" square, with marked stone, 12" in the ground, for meander Cor. to fractional

Subds H

Tp 11 N. R. 10 W.

Chs	
	secs. 1 & 12, marked M.C.
	T. 11 N. on W.
	R. 10 W. S. 1 on N. and
	S. 12 on S. faces; du
	3 ft square, 12" deep. 8 lks
	post. & raised a mound
	Earth 2 ft high. 4½ ft bas
	around post.
	Land. level
	3d & 4th rate. Soil. sandy
	Sage & bunch-grass.
	Return to 1/4 sec. cor
	bet secs. 1 & 12 - and run
	With same Va.
	South through center
	sec. 12.
	along bare alkali bottom
50.00	Low sage ridge. E. & W.
	Sparse sage & saltweed -
	pass 3 large salt springs
	East & near the line

BOOK-A-213

Su

Tp 11 N. R

	Enter bare
.00	Distance t
.00	West 25 ch
.00	Set pine p
	with mark
	ground. for
	1/4 S. on N.
	12" E & W.
	Mound
	3½ ft bas
	Land. m
	Soil.
	As the
	will rea
	than 4
	West on
	bet se
	Across
.50	At wate
	& swam

Subds

Tp 11 N - R. 10 W

00 Enter bare alkali flat.
00 Distance to slough on the
west 25 chs
00 Set pine post 4 ft long. 4 in square,
with marked stone, 12 in the
ground. for 1/4 sec. cor. marked
1/4 S. on N. face; dug pits 18 x 18 x
12 in E & W. of post. & raised a
mound of Earth 1½ ft high.
3½ ft base around post.
Land. mostly alkali bottom
Soil. 4th rate.

As the line bet secs. 12 & 13
will reach the water in less
than 40 chs. I run
West on a true line
bet secs. 12 & 13.
Va. 17° 35' E.
Across alkali bottom
2.50 At water's Edge - Slough
& swamp - Set pine post

Subdo

T. 11 N. R. 10 W.

Chs 4 ft long. 4 in square, w
marked stone, 12 in the
ground. for meander
to fractional secs. 12 &
marked N. C. and
T. 11 N. on W.
R. 10 W. S. 12 on N. an
S. 13 on S. faces: dug
pit 3 ft square, 12 in deep
8 lks E. of post. & rais
a mound of Earth 2 ft
high. 4½ ft base around
post.
Land. level
Soil. alkali — 4 th m

As the line bet secs. 12 &
will reach the water
less than 40 chs, & m
from the same 1/4 sec
Cor. bet secs. 12 & 13
Each on a true line

Sub

T. 11 N.

Chs bet sec

across
at edge
& swamp
4 ft long,
marked
ground.
to fract
marked
T. 11 N
R. 10 W
S. 13 o
3 ft squa
W. of po
mound
4½ ft ba
Land
Soil.

The no
of secs.
land. c

Subds

T/o 11 N. R. 10 W

bet secs. 12 & 13.
Va. 17° 35' E
across alkali bottom.
at edge of water - Slough
& swamp. set pine post
4 ft long. 4" square, with
marked stone. 12" in the
ground. for meander cor.
to fractional secs. 12 & 13.
Marked M.C. and
T. 11 N. on E.
R. 10 W. S. 12 on N. and
S. 13 on S. faces: dug pit
3 ft square. 12" deep. 8 lks
W. of post. & raised a
mound of earth 2 ft high
4½ ft base around post.
Land. level
Soil. alkali - 4th rate.

The northern & eastern part
of secs. 1 & 12 contain good
land, covered with sagebrush,

Subds

T/p 11 N. R. 10 W.

Chs	greasewood. & some bunchgrass The balance of the ground is worthless alkali flat. marsh Soil. 2d to 4th rate
X	From the Established 1/4 cor. on N. boundary of T/p bet. secs. 3 & 34, which is a pine post 3 ft long. 3" square set in a mound of earth, with regulation pits. I run East along N. boundary of sec. 3 Va. 17° 35' E. Over nearly level ground covered with sagebrush & greasewood.
37.50	Edge of impassable slough & western limit of marsh

BOOK A-

Sub

T/p 11 N.

Set pine p
square, w
12" in the
cor. to fractional sec
M.C. am
R. 10 W.
T. 11 N.
T. 12 N.
Dug pit 3
8 lks W of
mound of
4½ base
Land. n
Soil. s
Sage

X

From la
I run
West al
Sec. 3
Over nea
2.00 Enter A

Subds

P/o 11 N. R. 10 W.

Set pine post 3½ ft long 3x4 square, with marked stone, 12" in the ground, for meander cor. to fractional secs. 3 & 34. Marked M.C. and
R. 10 W. on E.
T. 11 N. S. 3 on S. and
T. 12 N. S. 34 on N. faces:
Dug pit 3 ft square. 12" deep, 8 lks W of post. & raised a mound of Earth 2 ft high. 4½ base around post.
Land. nearly level
Soil. sandy – 3° rate
Sage & greasewood –

X

From same ¼ sec. cor.
I run
West along N. boundary of Sec. 3
Va. 17° 35' E.
Over nearly level ground
2.00 Enter Alkali flat.

Sub^ds

T/o 11 N. R. 10 W.

chs 40.00 Re-establish cor. to sec. 4. 33 & 34. Set pine p[illegible] 4 ft long. 4^in square, with marked stone. 12^in in the ground, marked—

T. 12 N. S. 34 on N. E.
R. 10 W. S. 3 on S. E.
T. 11 N. S. 4 on S. W. [illegible]
S. 33 on N. W. faces, wi[illegible]
3 notches on E. & 3 not[illegible] on W. edges: dug pits 18 [illegible] 12^in in each sec. 5½ ft di[illegible] & raised a mound of eart[illegible] 2 ft high. 4½ ft base around post.

Land, mainly level
Soil. Sandy & alkali — [illegible]
4th rate—
Sage & greasewood 59.50 chs
alkali flat 18.00 —

West along N. boundary of sec. 4.

BOOK-A-21

Sub[illegible]

T/o 11 N. [illegible]

over 20 ft [illegible]
at Lake [illegible]
Set cedar [illegible]
square, w[illegible]
12^in in the [illegible]
cor. and m[illegible]
4 & 33, m[illegible]
R. 10 W. [illegible]
T. 12 N. [illegible]
and T. 11 N. [illegible]
dug pit 3 [illegible]
8 lks E. [illegible]
a mound [illegible]
high 4½ [illegible]
Land. [illegible]
Soil. [illegible]

As the [illegible]
bounda[illegible]
have n[illegible]
accom[illegible]

BOOK-A-213

Subs

No 11 N. R. 10 W.

Va. 17° 35' E.
over soft alkali flat.
At Lake margin
set Cedar post 4 ft long. 4"
square, with marked stone.
12" in the ground, for 1/4 Sec.
Cor. and meander cor. to fractional Secs.
4 & 33, marked M.C. and
R. 10 W. on W.
T. 12 N. S. 33 & 1/4 S. on N.
and T. 11 N. S. 4 on S. faces;
dug pit 3 ft square, 12" deep
& 1 ks E. of post, & raised
a mound of Earth 2 ft
high 4 ft base around post.
Land, level alkali bottom
Soil, alkali — 4th rate.

As the south & west
boundaries of this Twp.
have not been run, on
account of the intervening

Subds

T/S. 11 N. R. 10 W.

chs	Lake. I begin at the most Westerly sec. co[illegible] being the cor. to secs. [illegible] 33 & 34. Thence I run South bet secs. 3 & 4. Va. 17° 35' [illegible] Over bare alkali flat
40.00	Set pine post 4 ft long. 4" square, with marked sto[illegible] 12" in the ground, for 1/4 S[illegible] cor. marked 1/4 S. on W. f[illegible] dug pits 18 x 18 x 12" N. & S. [illegible] post, 5½ ft dist. & raised a mound Earth 1½ ft high 3½ ft b[illegible] around post.
55.00	Enter alkali bank - Spar[illegible] sage & saltweed
80.00	Set pine post 4 ft long. 4" square, with marked stone 12" in the ground, for cor. [illegible] secs. 3. 4. 9 & 10. marked T. 11 N. S. 3 on N.E. R. 10 W. S. 10 on S.E. S. 9 on S.W. and

BOOK-A-2

Sub di[illegible]

[illegible] 11 N. R. [illegible]

S. 4 on [illegible] 5 notches on E. Edg[illegible] 12" in Ea[illegible] & raised a[illegible] 2 ft high [illegible] Land. [illegible] Soil. a[illegible] alkali [illegible] Sagebr[illegible]

As the [illegible] reach the [illegible] mile. I [illegible] West. on [illegible] Secs. 4[illegible]

Over sag[illegible]
[illegible]00 Enter a[illegible]
[illegible]00 Leave bo[illegible] alkali [illegible]
[illegible].00 Enter ba[illegible]
[illegible]3.00 At Lak[illegible]

G. 11 N. R. 10 W.

S. 4 on N. W. faces, with 5 notches on S. & 3 notches on E. Edges; dug pits 18 x 18 x 12 in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base around post.
Land. nearly level
Soil. alkali — 3 & 4th rate
alkali flat 55 chs
Sagebrush 25 "

As the line bet secs. 4 & 9. will reach the Lake in less than one mile. I run
West. on a true line bet Secs. 4 & 9.
Va. 17° 35' E.
Over sage land
.00 Enter alkali bottom
.00 Leave bottom — over low alkali ridge. bts N. & S.
1.00 Enter bare alkali flat
3.00 At Lake margin, set pine

Subs

Tp. 11 N. R. 10 W.

chs post. 3½ ft long. 3 + 4 in sq
with marked stone, 12 in
ground, for meander co
frac.
Secs. 4 & 9. marked M.C.
T. 11 N. on W.
R. 10 W. S. 4 on N. and
S. 9 on S. faces: Dug pit
3 ft square, 12 in deep, 8 lks
of post, & raised a mound
Earth 2 ft high 4½ ft base
around post.
Land, nearly level, to
Sage brush & alkali flat
Soil, alkali — 4th rate

As the line bet secs. 3 & 10
will reach impassable slough
& marsh in less than 1 mile
I run from Cor. to secs 3,
9 & 10.
East on a true line
bet secs 3 & 10.
Va. 17° 35' E.

Subs

Tp. 11 N. R

Over sage
At edge of
pine post.
with mark
ground, for
frac.
Secs. 3 & 10.
T. 11 N. o
R. 10 W.
S. 10 on
3 ft square,
of post, &
of Earth 2
around p
Land.
Soil, a
3 & 4
Sageb

From C
I run
South.

Subdo

Tp. 11 N. R. 10 W.

Over sage & saltweed flat at edge of slough. Set pine post. 3½ ft long 3in square with marked stone, 12 in the ground. for meander cor. to frac. secs. 3 & 10. Marked M.C. and
T. 11 N. on E.
R. 10 W. S. 3 on N. and
S. 10 on S. faces: dug pit 3 ft square, 12 deep. 8 lks W. of post. & raised a mound of Earth 2 ft high 4½ ft base around post.
Land. nearly level
Soil. sandy & alkali
3 & 4th rate
Sagebrush & saltweed.

From cor. to secs 3.4.9 & 10.
I run
South. bet secs. 9 & 10.
Va. 17° 35' E.

Subds

T/p. 11 N. R. 10 W.

Chs	
	Over sage & saltweed flat
39.00	Enter alkali bottom
40.00	Set pine post 3½ ft long 3
	square, with marked stone
	12" in the ground, for 1/4
	Cor. Marked 1/4 S. on W. fa
	dug pits 18 x 18 x 12" N. & S.
	5½ ft dist. & raised a mound
	Earth 1½ ft high 3½ ft bas
	around post.
	At 30 Chs S.E. from this 1/4
	cor. rises a large spring,
	discharging S.E. through
	slough 50 lks wide—
49.50	Enter alkali bench covered
	with sparse sage & saltwee
80.00	Set pine post 4 ft long 4"
	square, with marked stone
	12" in the ground, for cor.
	Secs. 9, 10, 15 & 16. Marked
	T. 11 N. S. 10 on N.E.
	R. 10 W. S. 15 on S.E.
	S. 16 on S.W. and
	S. 9 on N.W. faces, with

Su

T/p 11 N

4 notches
on E. Edge
12" in Each
raised a
2 ft high 4
post. (at
Land
Soil. sa
4th rat
Sparse
saltweed
flat.

As the br
will read
them one
West on
Secs. 9 &

Over lo
00 Enter sa
00 At Lak

Subds

T/S 11 N-R. 10 W.

4 notches on S. & 3 notches on E. Edges; dug pits 18 x 18 x 12" in Each sec. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base around post. (At Edge of alkali bottom)
Land nearly level
Soil. sandy & alkali-
4th rate.
Sparse sagebrush and saltweed, and bare alkali flat.

As the line bet secs. 9 & 16 will reach the Lake in less than one mile, I run West on a true line bet secs. 9 & 16.

Va. 17° 35' E.

Over low sage ridge
Enter soft alkali flat.
At Lake margin, set pine

Sub-ds

T. 11 N. R. 10 W.

chs post 3½ ft long, 3 × 4" sq
with marked stone, 12
the ground, for meand
Cor. to Secs. 9 & 16. Mer
M. C. and
T. 11 N. on W.
R. 10 W. S. 9 on N. an
S. 16 on S. faces; dug
3 ft square, 12" deep. 8
E. of post. a raised a mo
of Earth 2 ft high 4½ ft
base around post.
Land, Sandy ridge rain
about 2 ft above the bott
& alkali flat.
Soil, sandy & alkali
rate —
Sagebrush 6 chs
Alkali flat 5. "
Oct 8 1886

Subdo

Pp 11 N - R. 11 W.

Oct 9 1886

In order to establish the meander corners on the line bet. secs. 9 & 16, on the point of land west of small bay in sec. 16. I run from the cor. to secs. 9. 10. 15 & 16. South. bet secs. 15 & 16.

Va. 17° 35' E.

10 chs - thence at right angles, West. past bay. 21.50 chs. Thence at right angles, North 10 chs. to a point on the line bet secs. 9 & 16. Thence East. with same Va. 2 chs. to Edge of water, where I set a pine post 4 ft long. 4" square, with marked stone, 12" in the ground, for meander cor. to frac. secs. 9 & 16. Marked M.C. and

T. 11 N. on E.

R. 10 W - S. 9 on N. and

S. 16 on S. faces: dug pit 3 ft square, 12" deep. 8 lks W.

Subds

T/p 11 N. R. 11 W.

of post. & raised a mound
Earth 2 ft high. 4½ ft b
around post.
Land. level – Soil. Sandy – 4th

From same point on the
bet. secs. 9 & 16. – 21.50 chains
Sec. cor. – I run West. with sa
1 chain, to Water's Edge. Whe
I set pine post 4 ft long. 4
Square, with marked stone
12" in the ground. for meand
cor. to frac. secs. 9 & 16, mar
M.C. and
T. 11 N. on E.
R. 10 W. S. 9 on N. and
S. 16 on S. faces: dug pit
square, 12" deep. 8 lks E. of p
& raised a mound of Earth
2 ft high. 4½ ft base around p
Land. level, Soil. sandy – 4th ra

BOOK-A-21

Sub

T/p. 11 N.

As the line
will reach
in less than
I run, fro
East on a
bet secs.

Over bare a
At Edge of
post. 3½ ft
with mark
ground, for
fractional
secs. 10 & 15.
T. 11 N.
R. 10 W.
S. 15 on
3 ft square.
of post. & r
Earth 2 ft
around p
Land. le
Soil, a

Sub-do

No. 11 N. R. 10 W.

As the line bet secs. 10 & 15
will reach Slough or marsh
in less than one mile
I run, from Cor. to secs. 9, 10, 15 & 16,
East on a true line
bet secs. 10 & 15
Va. 17° 35' E.
over bare alkali bottom
At edge of slough, set pine
post, 3½ ft long, 3 x 4 in square
with marked stone, 12 in the
ground, for meander Cor. to
fractional secs. 10 & 15. marked M.C. and
T. 11 N. on E.
R. 10 W. S. 10 on N. and
S. 15 on S. faces; dug pit
3 ft square, 12 in deep, & 1½ ft.
of post, & raised a mound of
earth 2 ft high, 4½ ft base
around post.
Land level alkali flat
Soil, alkali — 4th rate

Subds

Tp. 11 N. R. 10 W.

chs	As the line bet secs. 15 &
	will reach the intervening
	Lake in less than 1 mile
	From cor. to secs 9. 10. 15 & 16.
	I run
	South on a true line
	bet secs. 15 & 16.
	Va. 17° 35' E.
	Over bare alkali bottom
32.00	strike point of sage and
	saltweed land. brs S. E.
34.00	Enter low alkali bottom
36.00	At Lake margin. Set pr
	post 4 ft long. 4" square
	with marked stone. 12" in
	ground. for meander cor
	to fractional secs. 15 & 16
	Marked M. C. & and
	T. 11 N. on S.
	R. 10 W. S. 15 on E. and
	S. 16 on W. faces; dug pit
	3 ft square. 12" deep. 8 lks N.
	post. & raised a mound 2 ft high
	4½ ft base around post.
	Land. nearly level - Soil, alkali & 4th

BOOK-A-21

Meanders of

Great

Tp 11 N. R. 10

Begin

to fraction

boundary of

by me dur

Thence

S. 5° E. 8

To mea

secs 4 & 9

Thence

S. 5° W.

S. 55° 52' E

S. 11° 19' W

To mean

secs. 9 &

Then

S. 50° 12'

N. 63° 26'

N. 7° 08'

To me

secs. 9

BOOK A 213

Meanders of
Great Salt Lake in
T. 11 N. R. 10 W. S. L. Mer.

Begin at meander cor. to fractional Sec. 4. on N. boundary of township, set by me during this survey,

Thence in Sec. 4.

Va. 17° 35' E.

S. 5° E. 80.30 Chains ✓

To meander cor. to frac. Secs 4 & 9.

Thence in Sec. 9.

S. 5° W. 40.20 Chains ✓

S. 55° 52' E. 35.60 " ✓

S. 11° 19' W. 20.40 " ✓

To meander cor. to frac. Secs. 9 & 16.

Thence in Sec. 16.

S. 50° 12' W. 7.80 Chains ✓

N. 63° 26' W. 2.20 " ✓

N. 7° 08' W. 4.00 " ✓

To meander cor. to frac. Secs. 9 & 16.

Meanders

T/o 11 N- R. 10 W

Thence in sec. 9.
N. 41° W. 3.00 chains
S. 23°30' W. 2.50 "
To meander cor. to fracs
secs. 9 & 16.

Thence in sec. 16.
S. 2°52' W. 10.00 chains
S. 32°16' E. 11.20 "
S. 46°45' E. 23.30 "
To meander cor. to fracs
secs. 15 & 16.

Thence in sec. 15.
S. 5°42' E. 20.10 chs
S. 38°40' E. 19.20 "
To meander post at the
extreme southerly point
of land—

Thence in sec. 15.
East. 3.00 chs to mouth
of stream & westerly limit
of marsh—

Mean

T/o 11 N- R. 1

Thence con
along the
marsh.
N. 8° 32' E.
East
N. 10° 18' W.
N. 21° 48' E.
N. 11° 19' E.
To mean
secs. 10

Thence
N. 5° 43' W
N. 21° 48'
N. 14° 02'
To mean
secs. 3 &

Thence
N. 16° 42
N. 46° 36'
N. 42°
N. 34°
To mea

T. 11 N. R. 10 W.

Thence continuing in Sec. 15, along the westerly Edge of Marsh.

N. 8° 32' E. 20.20 chains
East 6.00 "
N. 10° 18' W. 11.10 "
N. 21° 48' E. 21.50 "
N. 11° 19' E. 20.30 "
To meander Cor. to frac. secs. 10 & 15.

Thence in Sec. 10.

N. 5° 43' W. 40.20 chs
N. 21° 48' W. 21.50 "
N. 14° 02' W. 20.20 "
To meander Cor. to frac. secs. 3 & 10.

Thence in Sec. 3.

N. 16° 42 E. 20.90 chs
N. 46° 36' E. 29.00 "
N. 42° E. 26.90 "
N. 34° E. 24.10 "
To meander Cor. at the

Meanders

Tp. 11 N. R. 10 W.

North boundary of Tp.

Begin at meander c
to fractional sec. 1 & 36
North boundary of Tp.
52.25 chs West of East co
sec. 1.

Thence in sec. 1.

Va. 17° 35' E.

S. 54° 13 W. 34.20 chains
cor. to fractional sec. 1 & 2.

Thence in sec. 2.

S. 57° 16' W. 33.70 chs
South 8.00 "
S. 88° E. 30.20 "
to meander cor. to fractio
secs. 1 & 2.

Thence in sec. 1.

S. 49° 38' E. 26.20 chs
S. 19° 18' E. 21.20 "

Mea

Tp. 11 N-

to meand
secs. 1 &

Thence

S. 16° 42' W
S. 17° 21' E
to meand
secs 12

Thence

South
East
N. 50° 12'
to mea
secs. 12

Thence

N. 49° E
N. 68° 12
to me
secs. 7
bounda

Meanders

Tp. 11 N - R. 10 W.

To meander cor. to frac. secs. 1 & 12.

Thence in sec. 12.
S. 16° 42' W. 41.70 chs
S. 17° 21' E. 41.90 "
To meander cor. to frac. secs 12 & 13.

Thence in sec. 13.
South 9.00 chs
East 12.50 "
N. 50° 12' E 14.10 "
To meander cor. to frac. secs. 12 & 13.

Thence in sec. 12.
N. 49° E. 12.20 chs
N. 68° 12' E. 21.50 "
To meander cor. to frac. secs. 7 & 12 on east boundary of township —
Oct 9. 1886

On Eastern side, Sec. 13 being unapproachable on account of water, further survey South was discontinued. The land here being very flat, & the surface of Lake variable, the edge at times varies a mile or two.

General Description

In the northeastern portion of this fractional Tp. in secs. 1 & 12, there is much good grazing land also in the Western portion of secs. 3. 10. & 15. & Eastern part of secs. 4. 9. & 16. - Secs. 11. 13. & 14. & the Eastern part of secs. 3. 10. & 15. is largely marsh land, cut through by impassable sloughs, growing tules, flags, marshgrass and saltweed.

There is some unapproachable sage land on Sec. 2.

The available lands are used in winter for cattle & sheep grazing.

Edmund Mi[illegible]

Chas. S. Betts
U.S. Dep[illegible]

BOOK-

S. SURVEYOR GE

Salt Lake City,

The foregoing fie

Subdivision

ownship No. 11. N

Executed by E. We

Under Contract No.

ay of June
Oct

xamined, the neces

ions made, the sa

hey describe are h

BOOK-A-213

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 1889

The foregoing field notes of the survey of the Subdivisions & Meanders

Township No. 11. N Range No. 10. W.

Executed by E. Wilkes & C. S. Betts

Under Contract No. 140 of the 24th

day of June 1886, in the month of

Oct 1886, having been critically

examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

William G. Brannan

U. S. Surveyor General for Utah.

BOOK-A

V

PORT:

mined by John H.

scribed by Jennie

pared by Jennie V Br

FIELD

OF THE SUR

Subdiv

Mea

wnship No. 11 N

nge No. 11 We

SALT LAK

UTAH T

AS SU

Edmund Wilke

U. S. D

Under his Contra

ated June

urvey commenced

urvey completed

6.

BOOK-A-213

275

V

PORT:

1 188

mined by John A. Campe.

scribed by Jennie V. Bowman

pared by Jennie V. Bowman & H. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

Ed Meanders

OF

wnship No. 11 North

nge No. 11 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Edmund Wilkes & Chas. L. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

ated June 24th 1886.

urvey commenced Oct 25 1886

urvey completed Oct 7 1886

6.

30

NAMES AND DUTIES OF ASSISTANT

Chas. S. Wilkes	Compass
Chas. A. Prescott	Chainman
Wm. W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK A-2

Sub

Tp 11 N. R.

Sur

Oct 5

Pike & Sons

Gurley Sol

This town

fractiona

side, I te

of the West

on which

needle ra

18°10 E.

I begin

sec. cor. b

4.5.32 & 3

this cont

Thence

North be

along st

Sloping

.00 Cross Sp

drops off

BOOK A-213

Subdivisions
Tp 11 N. R. 11 W. S. L. Mer.

Survey commenced Oct. 5 1886. with a Pike & Son's Transit. with Gurley Solar Attachment.

This township being fractional on the East side, I test the bearing of the West boundary line, on which I find the needle variation to be 18°10 E.

I begin at the Easternmost sec. Cor. being the Cor. to secs. 4. 5. 32 & 33. Set by me under this contract.

Thence I run North bet secs. 32 & 33.
Va. 18°10' E.
along steep rocky side-hill sloping E.
.00 Cross spur. bis E. & W. — drops off very steeply at 80 lks E.

Subds

Tp 11 N - R. 11 W.

Chs	
	Descends 40° to N. E.
33.00	Ft of Mts - Enter saltwe[illegible] flat.
40.00	Set limestone 12 x 10 x 6[illegible] 8m in the ground. for 1/4 [illegible] marked 1/4 on W. face: Dug 18 x 18 x 12m N. & S. of stone, 5½ [illegible] dist. & raised a mound [illegible] Earth 1½ ft high. 3½ ft [illegible] alongside
80.00	Set limestone 18 x 18 x 12m 12[illegible] the ground. for cor. to sec[illegible] 28. 29. 32 & 33. marked [illegible] 1 notch on S. & 4 notch[illegible] E. edges: Dug pits 18 x 18 x 12m [illegible] Each sec. 5½ ft dist. & rai[illegible] a mound of Earth 2 ft h[illegible] 4½ ft base alongside. Land, rugged side-hill f[illegible] 33 chains - Low flat thi[illegible] covered with sagebrush saltweed for 47 chs - Soil, 3d & 4th rate.

Sub

Tp 11 N -

As the [illegible]
will reach
than one
East on
bet sec

Over sand
Enter saf
At Lake [illegible]
Cedar [illegible]
square. w
12m in the
to fraction
marked
T. 11 N.
R. 11 W.
S. 33 on
3 ft square
post. & ra
Earth 2 ft
post.
Land, [illegible]
Soil, [illegible]
4th r

Sub ds

Tp 11 N.-R. 11 W.

As the line bet secs. 28 & 33
will reach the Lake in less
than one mile. I run
East on a true line
bet secs. 28 & 33.
Va. 18° 10' E.
Over sandy, alkali flat.
Enter soft alkali bottom
At Lake margin, Set
Cedar post 4 ft long. 3 ins
square, with marked stone.
12 in the ground, for Meander Cor.
to fractional secs. 28 & 33.
Marked M.C. and
T. 11 N. on E.
R. 11 W. S. 28 on N. and
S. 33 on S. faces: dug pit
3 ft square, 12 in deep. 8 lks W. of
post. & raised a mound of
Earth 2 ft high 4½ base around
post.
Land, nearly level.
Soil, sandy & alkali-
4th rate.

Subds

T/p 11 N. R. 11 W.

chs	North bet secs. 28 & 29
	Va. 18° 10' E.
	Over sandy, alkali flat.
15.00	Enter sage bench
40.00	Set sandstone 14 x 10 x 5" 8
	in the ground for 1/4 sec. c
	Marked 1/4 on W. face; d
	pits 18 x 18 x 12" N. & S. of stone
	5 ft dish. & raised a mound
	of earth 1½ ft high 3½ ft
	base alongside.
45.00	Foot of mountain - ascend
	steeply - Slopes 40° S.S.E.
54.00	Top of steep ascent, or bluff
	thence along high bench
	sloping E.
60.00	Brow of steep descent.
77.00	Foot of " "
80.00	On sage bottom, set fine
	post. 4 ft long. 4" square
	with marked stone. 12" in the
	ground. for Cor. to secs. 20,
	28 & 29. Marked
	T. 11 N. S. 21 on N.E.

Sub

T/p 11 N.

R. 11 W

S. 29

S. 20

2 matches

on E. edge

18 x 12" in

dish. & r

Earth 2

around

Land, r

Soil, s

3d & 4th

Sage

It being

establish

27 & 28 f

account

Lake,

East o

bet se

BOOK-A-213

Subdo

T. 11 N. R. 11 W.

R. 11 W. S. 28 on S.E.
S. 29 on S.W. and
S. 20 on N.W. faces: with
2 notches on S. & 4 notches
on E. edges: dug pits 18 x
18 x 12" in Each Sec. 5½ ft
dist. & raised a mound of
Earth 2 ft high 4½ ft base
around post.
Land, rough & hilly
Soil, sandy & rocky—
3rd & 4th rate
Sage & saltbrush—

It being impracticable to
establish the cor. to secs. 21, 22,
27 & 28 from the south, on
account of the intervening
Lake, I run
East on a true line
bet secs. 21 & 28.
Va. 18° 10' E.

Subds

T/o 11 N - R. 11 W.

chs	Over rough sage bottom near northern foot of Mt.
18.00	Foot of ridge
26.00	Top of Rocky ridge. bns N.E.&S. Ends at 5 chs N - End of North Spur of Mountain
33.00	E. foot of Spur - Enter sage saltweed flat.
40.00	Set pine post 3½ ft long 3 x 4" square, with marked stone, 12" in the ground, for ¼ sec. cor. marked ¼ S. on N. face; dug pits 18 x 18 x 12" E. & W. of post. 3 ft dist. & raised a mound of Earth 1½ ft high 3½ ft base around post.
60.00	Enter alkali flat.
80.00	Set pine post 4 ft long, 4" sq. with marked stone, 12" in the ground, for cor. to secs. 21, 22, 27 & 28, marked - T. 11 N - S. 22 on N.E. R. 11 W. S. 27 on S.E. S. 28 on S.W. and

BOOK-A-

S. 21 on
2 notches
on E. face
in Each sec
raised a m
2 ft high. 4
post.
Land, on
28. is mo
balance i
flat & bar
Soil, sa
3d & 4th

As the l
will reac
than one
South

Over very
0.00 Set pine p
with mark

S. 21 on N. W. faces, with 2 notches on S. & 3 notches on E. faces; dug pits 18x18x12 in each sec. 5½ft disk. and raised a mound of Earth 2ft high. 4½ft base around post.

Land. on N. W. 1/4 sec. of sec. 28. is mountainous — The balance is sage & saltwood flat & bare alkali flat.

Soil. sandy, rocky & alkali — 3rd & 4th rate

As the line bet secs. 27 & 28 will reach the Lake in less than one mile, I run

South bet secs. 27 & 28.

Va. 18°10' E.

Over very soft alkali flat.

Set pine post 3½ft long, 4" square with marked stone, 12" in the ground

Sub^ds

T/o 11 N. R. 11 W.

chs for 1/4 sec. cor. marked 1/4 S. W. face; dug pits 18 x 18 x 12 S. of post. 5½ ft dist. & raised mound of earth 1½ ft high 3½ ft base around post.

43.50 At Lake margin. Set pine post. 4 ft long. 4" square, marked stone. 12" in the gr for meander cor. to fract. secs. 27 & 28. marked M.C.

T. 11 N. on S.

R. 11 W. S. 27 on E. and S. 28 on W. faces; dug a pit 3 ft square. 12" deep. 8 N. of post, & raised a mound of earth 2 ft high. 4½ ft base around post.

Land. level.

Soil. alkali, & barren

4th rate

BOO

Sub

T/o 11 N.

As the l
will reach
than one
cor. to sec
I ran
East
on a

Over soft
00 Set lava
the ground
1/4 on N. f
E. & W. of
raised a
high. 3½
50 Set pine
with ma
for mean
marked
T. 11 N
R. 11
S. 27
3 ft squa
post. &

Subds

T/o 11 N. R. 11 W.

Chs 2 ft high. 4½ ft base arou
post.
Land. level base alkali f
Soil. alkali – 4th rate.

From the cor. to secs. 21.
27 & 28, I run
North bet secs. 21 & 2
Va. 18° 10' E.
Over alkali flat.

40.00 Set pine post. 3 ft long. 4
square, with marked sto
12" in the ground. for ¼ sec
marked ¼ S. on W. face; d
pits 18 x 18 x 12" N. & S. of po
5½ ft dist. & raised a mou
1½ ft high. 3½ ft base arou
post.

80.00 Set pine post. 4 ft long. 4"
square. with marked stone
12" in the ground. for cor. to
15. 16. 21 & 22. marked –

BOOK

Sub

T/o 11 N. 1

T. 11 N. S
R. 11 W. S
S. 21 on
S. 16 on
3 notches on
pits 18 x 18 x
5½ ft dist. &
Earth 2 ft h
around p
Land. l
Soil, al

As the li
will reach
than one
East
bet sec

Over soft
.00 Set pine p
square, w
12" in the

Subds

T/o 11 N. R. 11 W.

Chs 2 ft high. 4½ ft base arou
post.
Land. level base alkali f
Soil. alkali – 4th rate.

From the cor. to secs. 21
27 & 28. I run
North bet secs. 21 & 2
Va. 18° 10' E.
Over alkali flat.

40.00 Set pine post. 3 ft long. 4
square, with marked sto
12" in the ground. for ¼ sec
marked ¼ S. on W. face; di
pits 18 x 18 x 12" N. & S. of pos
5½ ft dist. & raised a mou
1½ ft high. 3½ ft base arou
post.

80.00 Set pine post. 4 ft long. 4"
square. with marked stone
12" in the ground. for cor. to
15. 16. 21 & 22. marked –

BOOK

Sub

T/o 11 N. 1

T. 11 N.
R. 11 W.
S. 21 on
S. 16 on
3 notches on
pits 18 x 18
5½ ft dist. &
earth 2 ft
around
Land. l
Soil. al

As the lin
will reach
than one
East
bet se

Over soft
.00 Set pine p
square, w
12" in the

Subds

H 11 N - R. 11 W.

T. 11 N. S. 15 on N. E.
R. 11 W. S. 22 on S. E.
S. 21 on S. W. and
S. 16 on N. W. faces; with
3 notches on S. & E. Edges; Dug
pits 18 x 18 x 12" in each sec.
5½ ft dist. & raised a mound of
earth 2 ft high, 4½ ft base
around post.
Land, level alkali bottom
Soil, alkali - 4th rate.

As the line bet secs. 15 & 22
will reach the Lake in less
than one mile. I run
East on a true line
bet secs. 15 & 22.
Va. 18° 10' E.
Over soft alkali flat.
Set pine post 3 ft long. 3 x 4 ins
square, with marked stone.
12" in the ground for ¼ sec cor.

Snbds

T/P 11 N. R. 11 W.

Chs	
	Marked 1/4 S. on N. face; pits 18 x 18 x 12 E. & W. of post 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft b around post.
58.90	At Lake margin. set pine post 4 ft long. 4 in square, with marked stone. 12 in ground. for meander Cor. to fractional secs. 15 & 22. Marked M. C. and T. 11 N. on E. R. 11 W. S. 15 on N. and S. 22 on S. faces; dug p 3 ft square, 12 deep. 8 lks post, & raised a mound of Earth 2 ft high, 4½ ft base around post. Land, level soft alkali both Soil. alkali – 4th rate

From the Cor. to secs. 15 & 21 & 22, Irrm

BOOK

Snb

T/P 11 N.

North

Over bare

00 Set pine po with marked ground. for 1/4 S. on W. f 12 N. & S. of raised a m high. 3½ ft

00 Set pine po with marke ground. for 16. marke

T. 11 N. S

R. 11 W.

S. 16 on

S. 9 on

4 notches E. edges; d each sec. mound of E base aro

Land, level

Subds

T. 11 N. R. 11 W.

North bet secs. 15 & 16.
Va. 18° 10' E.

Over bare alkali flat.

00 Set pine post 3 ft long, 4 in square with marked stone, 12 in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face: dug pits 18 x 18 x 12 in 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.

00 Set pine post 4 ft long, 4 in square with marked stone, 12 in the ground, for cor. to secs. 9, 10, 15 & 16, marked —

T. 11 N. S. 10 on N. E.
R. 11 W. S. 15 on S. E.
S. 16 on S. W. and
S. 9 on N. W. faces: with 4 notches on S. & 3 notches on E. Edges; dug pits 18 x 18 x 12 in each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high, 4 1/2 ft base around post.

Land, level - Soil, alkali - 4th rate

Subds

T. 11 N. R. 11 W.

chs	
	As the line bet secs. 10 & will reach the Lake in le than one mile. I run East on a true line bet secs. 10 & 15. Va. 18°10 E. over soft alkali flat.
40.00	Set pine post 3 ft long. 3 x 4 in square, with marked stone 12 in the ground, for 1/4 sec. marked 1/4 S. on N. face; dug pits 18 x 18 x 12 E. & W. of post 5 1/2 ft dist. & raised a mound earth 1 1/2 ft high. 3 1/2 ft base around post.
55.70	Set pine post 4 ft long. 4 sq with marked stone. 12 in the ground, for meander cor. to fractional secs. 10 & 15. marked M. C. and T. 11 N. on E. R. 11 W. S. 10 on N. and S. 15 on S. faces; dug pit 3 ft square, 12 deep. 8 lks W.

BOOK

Sub

T. 11 N.

post. & ra
earth 2 ft
around p
Land. soft
Soil. alk

From co
16. I run
North

Over alk
00 Set pine po
square, wit
in the grou
marked 1
pits 18 x 18
5 1/2 ft dist. &
earth 1 1/2 ft
post.
00 Set pine pos
with mark
ground, fo

Sub ds

Tp 11 N - R. 11 W.

post. & raised a mound of earth 2 ft high, 4½ ft base around post.
Land. soft alkali flat.
Soil. alkali - 4th rate.

From cor. to secs. 9. 10. 15 & 16. I run
North bet secs. 9 & 10.
Va. 18° 10' E.
Over alkali flat.
00 Set pine post 3 ft long. 3 x 4 ins square, with marked stone, 12" in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits 18 x 18 x 12" N. & S. of post, 5½ ft dist. & raised a mound of earth 1½ ft high. 3½ ft base around post.
00 Set pine post 4 ft long. 4 ins square with marked stone, 12" in the ground, for cor. to secs. 3. 4. 9 &

Subdo

Tp 11 N. R. 11 W.

Chs 10. marked—
T. 11 N. S. 3. on N. E.
R. 11 W. S. 10 on S. E.
S. 9 on S. W. and
S. 4 on N. W. faces: wi
5 notches on S. & 3 notches
E. edges; dug pits 18 x 18 x 12
in each sec. 5½ ft dist. & rai
a mound of earth 2 ft high
4½ ft base around post.
Land. level bare alkali fl
Soil. alkali — 4th rat

It being impracticable
establish the cor. to secs. 2
10 & 11 from the south.
account of the intervening
Lake. I run
East on a true line
bet secs. 3 & 10.
Va. 18° 10' E.
Over very soft alkali flat.
40.00 Set pine post 3 ft long. 3 x 4 in

BOOK-

Sub

Tp 11 N.

square, w
12 in the
cor. mark
dug pits 18
5½ ft dist.
& raised a
1½ ft high
post.
Set pine p
square, w
12 in the
secs. 2. 3.
T. 11 N
R. 11 W
S. 10 o
S. 3 o
5 notches
on E. edge
in each s
raised a
2 ft high,
post.
Land, le
Soil. a

Subds

Tp 11 N - R. 11 W.

square, with marked stone, 12" in the ground, for 1/4 sec cor. marked 1/4 S. on N. face; Dug pits 18 x 18 x 12" E. & W. of post. 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base around post.

Set, pine post 4 ft long. 4 ins square, with marked stone, 12" in the ground, for cor. to secs. 2. 3. 10 & 11. Marked—

T. 11 N. S. 2 on N.E.

R. 11 W. S. 11 on S.E.

S. 10 on S.W. and

S. 3 on N.W. faces, with 5 notches on S. & 2 notches on E. edges; Dug pits 18 x 18 x 12" in Each sec. 5½ ft dist. and raised a mound of Earth 2 ft high, 4½ ft base around post.

Land, level base alkali flat

Soil, alkali — 4th rate

Subdns

Tp 11 N. R. 11 W.

chs	As the line bet secs. 10+ has not been run on ac of the intervening Lake, the line is fractional, 3
	South bet secs. 10+
	Va. 18° 10' E.
	Over very soft alkali botto
20.00	At Lake margin. Set pr post 4 ft long. 4 ins squa with marked stone, 12 the ground, for meandu cor to fractional secs. 11. marked M. C. and
	T. 11 N. on S.
	R. 11 W. S. 11 on E. and
	S. 10 on W. faces: Dug 3 ft square, 12 ins deep. 8 lks of post, & raised a moun of Earth 2 ft high 4½ ft bo around post.
	Land, level
	Soil. Alkali – 4th rate

BOOK-A

Sub

Tp 11 N

As the li
is fraction
East
bet s

Over very
At Lake
post 4 ft
with mar
the grou
cor. to fr
2 + 11. N
T. 11 N
R. 11 W
S. 11 o
3 ft squa
of post.
of Earth
base. a
Land –
Soil.

BOOK-A-213

Subds

Tp 11 N. R. 11 W

As the line bet. secs. 2 & 11 is fractional. I run
East on a true line
bet secs. 2 & 11
Va. 18°10' E.
Over very soft bottom
At Lake margin. set pine post 4 ft long. 4 in square. With marked stone, 12 in in the ground, for meander cor. to fractional secs. 2 & 11. Marked M.C. and
T. 11 N. on E.
R. 11 W. S. 2 on N. and
S. 11 on S. faces: dug pit 3 ft square. 12 in deep. 8 lks W. of post. & raised a mound of Earth 2 ft high 4½ ft base around post.
Land - level
Soil. alkali - 4th rate

Subns
Tp 11 N. R. 11 W.

chs	From Cor. to secs. 2. 3. 10 &
	I run
	North, on a random
	bet secs. 2 & 3.
	Va. 18° 10' E.
40.00	Set temp'y 1/4 sec. cor.
78.30	Intersect N. boundary of
	15.86 lks W. of cor. to secs. 34
	which is a post 4 ins square set in a
	mound of earth, marked
	with 2 notches on E. & 4
	notches on W. edges, with
	other regulation marks.
	pits. — Thence
	S. 11° 27' W. on a true line
	bet secs. 2 & 3.
	With same Va.
	Over soft alkali flat.
39.08	Set pine post 3 ft long 3" sq
	with marked stone, 12" in
	ground. for 1/4 sec. cor.
	marked 1/4 S. on W. face
	dug pits 18 x 18 x 12" N. & S. of
	post. 5 1/2 ft dist. & raised a

Sub
Tp 11 N

chs	mound of
	3 1/2 ft bas
.89	The cor.
	Land. lev
	Soil. a
	From th
	9 & 10.
	North,
	bet
.00	Set tem
.24	Intersec
	16.00 chs
	33 & 34.
	4 ins squa
	of earth
	notches
	with oth
	& pits —
	S. 11° 34'
	bet sec

Sub do

T. 11 N. R. 11 W.

mound of Earth 1½ ft high
3½ ft base around post.
The cor. to secs. 2, 3, 10 & 11.
Land, level soft alkali flat.
Soil, alkali — 4th rate.

From the cor. to secs. 3, 4, 9 & 10.
North, on a random line bet secs. 3 & 4
Va. 18° 10' E.
.00 Set temp'y 1/4 sec. cor.
.24 Intersect N. boundary of Res. 1600 lks W. of cor. to secs. 33 & 34. which is a post 4 ins square set in a mound of Earth, marked with 3 notches on E. & W. Edges, with other regulation marks & pits — Thence
S. 11° 34' W. on a true line bet secs. 3 & 4.

Sub^{ds}

T^{o} 11 N - R. 11 W.

chs	
	with same Va.
39.03	Set pine post 3 ft long, 3^{in} sq
	with marked stone, 12^{in} in
	ground, for 1/4 sec. cor.
	marked 1/4 S. on W. face
	Dug pits 18 x 18 x 12^{in} N. & S.
	post. 5½ ft dist. & raised
	mound of Earth 1½ ft high
	3½ ft base around post.
79.86	The cor. to secs. 3. 4. 9 &
	Land. level (on line)
	Soil. alkali - 4th ra

From Cor. to secs. 20. 21.
29. I mn
North bet secs. 20 &
Va. 18°10' E.
Descending beach

6.00	Enter greasewood & saltwo
	flat.
17.00	Enter alkali flat
40.00	Set pine post 3 ft long 3^{in} sq

BOOK-A-213

Sub-no

To 11 N. R. 11 W.

with marked stone, 12" in the ground. for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits 18 x 18 x 12" N. & S. of post, 5½ ft dist. & raised a mound of earth 1½ ft high. 3½ ft base around post.

Set pine post 4 ft long 4 inc square. with marked stone, 12" in the ground for cor. to secs. 16. 17. 20 & 21, marked—

T. 11 N. S. 16 on N. E.

R. 11 W. S. 21 on S. E.

S. 20 on S. W. and

S. 17 on N. W. faces, with 3 notches on S. & 4 notches on E. edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. and raised a mound of earth 2 ft high. 4½ ft base around post.

Land, descending level & level.

Soil, alkali — 4th rate

Sage & saltweed & alkali flat.

Subs

Tp 11 N - R. 11 W.

do	East, on a random line bet secs. 16 & 21. Va. 18° 10' E.
40.00	Set temp'ry 1/4 sec. cor.
80.10	Intersect N. B. line 14 lks of cor. to secs. 15. 16. 21 & 22
	Thence with same Va. N. 89° 54' W. on a true line bet secs. 16 & 21. Over soft alkali flat.
40.00	Set Red pine post 3 ft long. 3 square, with marked stone 12" in the ground, for 1/4 sec. c marked 1/4 S. on N. face; d pits 18 x 18 x 12" E & W. of post 5 1/2 ft dist. & raised a mound Earth 1 1/2 ft high 3 1/2 ft base around post.
80.10	The cor. to secs. 16. 17. 20 & 21
	Land. level
	Soil. alkali — 4th rate

Subs

T. 11 N. R. 11 W.

North bet Secs. 16 & 17.
Va. 18° 10' E.

Over Alkali flat.

00 Set Red Pine post 3 ft long. 3 ins
square, with marked stone, 12"
in the ground, for 1/4 sec. cor.
marked 1/4 S. on W. face: Dug
pits 18 x 18 x 12" N. & S. of post,
5½ ft dist. & raised a mound
of Earth 1½ ft high. 3½ ft
base around post.

00 Set Red Pine post 4 ft long 4 ins
square, with marked stone,
12" in the ground, for cor. to
Secs. 8. 9. 16 & 17. Marked—
T. 11 N. S. 9 on N. E.
R. 11 W. S. 16 on S. E.
S. 17 on S. W. and
S. 8 on N. W. faces, with
4 notches on S. & E. Edges: Dug
pits 18 x 18 x 12" in each sec. 5½
ft dist. & raised a mound of
Earth 2 ft high. 4½ ft base
around post.

Subns

T/p 11 N - R. 11 W.

Chs	
	Land. level Soil. alkali — 4th rate
	East on a random line bet secs 9 & 16. Va. 18° 10' E.
40.00	Set temp'y 1/4 sec. cor.
80.20	Intersect N. & S. line 25 [illegible] N. of cor. to secs. 9. 10. 15 & [illegible] Thence N. 89° 50 W. on a true line bet secs. 9 & 16. with same Va.
40.10	Set pine post 3 ft long. 3 x 4 square, with marked stone 12" in the ground for 1/4 sec. c[illegible] marked 1/4 S. on N. face; on pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. raised a mound of Earth 1[illegible] high, 3 1/2 ft base around post
80.20	The Cor. to secs. 8. 9. 16 & 17. Land. level Soil. alkali — 4th rate

BOOK

Sub

T/p 11 N -

North

Over alk

00 Set pine p[illegible]
square, co[illegible]
in the gro[illegible]
marked 1/4
pits 18 x 18 [illegible]
5 1/2 ft dist.
of Earth 1[illegible]
around [illegible]
00 Set pine p[illegible]
with mar[illegible]
ground, f[illegible]
9. mar[illegible]
T. 11 [illegible]
R. 11 W
S. 8 on
S. 5 on
5 notch[illegible]
on E. Edg[illegible]
in each [illegible]
raised [illegible]
2 ft high.

BOOK-A-213

Subds

T. 11 N. R. 11 W.

North bet secs. 8 + 9.
Va. 18° 10' E.

Over alkali flat.

00 Set pine post 3 ft long. 3 x 4 ins square, with marked stone, 12" in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face: dug pits 18 x 18 x 12" N. & S. of post 5 1/2 ft dist. + raised a mound of Earth 1 1/2 ft high 3 1/2 ft base around post.

00 Set pine post. 4 ft long. 4" square with marked stone. 12" in the ground, for cor. to secs. 4. 5. 8 + 9. marked —

T. 11 N. S. 4 on N. E.
R. 11 W. S. 9 on S. E.
S. 8 on S. W. and
S. 5 on N. W. faces, with 5 notches on S. + 4 notches on E. Edges: dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. and raised a mound of Earth 2 ft high. 4 1/2 ft base around post.

Lab ds

Tp 11 N. R. 11 W.

Chs	
	Land, level
	Soil. Alkali — 4th rate
	East on a random line
	bet secs. 4 & 9.
	Va. 18° 10' E.
40.00	Set temp'y 1/4 sec. cor.
80.30	Intersect N. & S. line 10 lks
	of cor. to secs. 3. 4. 9 & 10.
	Thence
	N. 89° 56' W. on a true line
	bet secs. 4 & 9.
	with same Va.
40.15	Set pine post. 3 ft long. 3 x 4"
	square, with marked stone,
	in the ground, for 1/4 sec. cor.
	marked 1/4 s. on N. face: dug
	pits 18 x 18 x 12" E. & W. of post 5
	dist. & raised a mound of Earth
	1 1/2 ft high. 3 1/2 ft base around post.
80.30	The cor. to secs. 4. 5. 8 & 9.
	Land. level
	Soil. Alkali — 4th rate

BOOK

Sa

Tp 11 N.

North, o

bet. se

00 Set temp'y

10 Intersect

1580 lks W

which is a

set in a m

marked w

the E. & 2'

with other

& pits.

S. 11° 26' W.

bet sec

with s

87 Set Red pine

square, w

12" in the

marked 1/4

pits 18 x 18

5 1/2 ft dist.

Earth 1 1/2

around

9.68 The cor.

Subds

Tp 11 N. R. 11 W.

North, on a random line
bet. secs. 4 & 5.
~~Va. 18° 10' E.~~

00 Set temp'y 1/4 sec. cor.
10 Intersect N. boundary of Tp.
1580 lks W. of cor. to secs. 32 & 33.
which is a post 4ins square
set in a mound of Earth
marked with 4 notches on
the E. & 2 notches on W. edges,
with other regulation marks,
& pits. Thence
S. 11° 26' W. on a true line
bet secs. 4 & 5.
with same Va.
87 Set Redpine post 3 ft long 3×4in
square, with marked stone,
12in in the ground, for 1/4 sec. cor.
marked 1/4 S. on W. face; dug
pits 18×18×12in N. & S. of post.
5½ ft dist. & raised a mound of
Earth 1½ ft high. 3½ ft base
around post.
9.68 The cor. to secs. 4. 5. 8 & 9.
Oct 5 1886

Subds

T/o 11 N - R. 11 W.

Chs	
	Land. level Soil. alkali — 4th rat
	From the cor. to secs. 31 & 32, on S. boundary Tp. set by me under this contract. I run North bet secs. 31 & 3 Va. 18° 10' E.
	Over sagebrush bottom
40.00	Set limestone 14 x 10 x 6", 8 in the ground, for 1/4 sec. co marked 1/4 on W. face; d pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound Earth 1½ ft high. 3½ ft bas alongside.
43.00	Hollow - drains W.
45.00	Ground rises 5° to N. - descen 12° to W.
80.00	On side-hill, at foot of steep ascent to E. Set limestone

BOOK

Sub

T/o 11 N -

14 x 10 x 7"
for cor. to
marked w
& 5 notch
pits 18 x 1
5½ ft dist.
of Earth
alongside
Land, n
Sage r
Sage
Soil, s

East, on
bet. se

.00 Set tem
40 Intersect
of cor. to
The
N. 89° 50
bet se
with

BOOK-A-213

Sub do

T/o 11 N - R. 11 W.

14 x 10 x 7" 8" in the ground for Cor. to secs. 29. 30. 31 & 32. Marked with 1 notch on S. & 5 notches on E. Edges: Dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high. 4½ ft base alongside

Land, nearly level for 40 Chs
[illegible] rising & stoney 40 "
Sage & greasewood 80 "
Soil, sandy & stoney — 2d & 3d rate

East. on a random line bet. secs. 29 & 32.
Va. 18°10' E.
.00 Set temp'y 1/4 sec. cor.
.40 Intersect N. & S. line 24 lks N. of Cor. to secs. 28. 29. 32 & 33.
Thence
N. 89°50' W. on a true line bet secs. 29 & 32.
with same Va.

Subds

T/o 11 N - R. 11 W.

Chs	
	Over sage & saltweed fl[illegible]
20.00	Foot of steep bluff - 40° [illegible]
25.00	Top of " " thence [illegible] ascending high bench
40.20	Set Conglomerate stone 26[illegible] 12", 18" in the ground, for 1/4 Cor. marked 1/4 on N. fa[illegible] dug pits 18×18×12" E. & W. [illegible] stone, 5½ ft dist. & raised mound of Earth 1½ ft high 3½ ft base alongside.
41.00	ascend 30° .
43.00	Top of ascent - main ridge - N.E. [illegible] thence along flat top of rid[illegible]
60.00	Descend steeply to
63.00	Thence along side hill sloping
73.00	Top of ridge. bro N. & S. Descend abruptly
80.40	The Cor. to secs. 29. 30. 31 & [illegible] Land, Sec. 32 is mountain[illegible] & rocky, with some good high bench covered with sagebrush - The N.E. part [illegible] sec. is sandy alkali flat -

BOOK-A-21

Su[illegible]

T/o 11 N - [illegible]

Sparse sa[illegible] Soil, sa[illegible] alkali -

West. on [illegible] bet sec[illegible]

.00 Set temp[illegible]

10 Intersect [illegible] 34 lks S. [illegible] 25 & 36, [illegible] square, s[illegible] Earth, m[illegible] on S. & 5 [illegible] with oth[illegible] & pits -

Thu[illegible] S. 89° 45' [illegible] bet sec[illegible] with [illegible] Over lev[illegible]

.00 Road, [illegible]

Subdns

Tp 11 N. R. 11 W.

Sparse sage & saltweed
Soil, sandy, rocky &
alkali — 2d to 4th rate.

West. on a random line
bet secs. 30 & 31.
Va. 18°10' E.
Set temp 1/4 sec. cor.
Intersect W. boundary of Tp.
34 lks S. of cor. to secs. 30. 31.
25 & 36, which is a post 4m
square, set in a mound of
Earth, marked with 1 notch
on S. & 5 notches on N edges,
with other regulation marks,
& pits—
Thence
S. 89° 45' E. on a true line
bet secs. 30 & 31,
with same Va.
Over level sage bottom
Road, brs N. & S.

Sub^do

T/p 11 N. R. 11 W.

Chs	
40.10	Set sandstone 18 × 8 × 6". 1[illegible] the ground, for 1/4 sec. co[illegible] marked 1/4 on N. face; on[illegible] pits 18 × 18 × 12" E. & W. of st[illegible] 5½ ft dist. & raised a mom[illegible] Earth 1½ ft high 3½ ft base alongside—
69.00	Leave flat. ascend 12°
80.10	The cor. to secs. 29. 30. 31 [illegible] Land. mostly level. Exc[illegible] on E. side of sec. thinly co[illegible] with sage & greasewood. Soil. Alkali. & stony— 2^d to 3^d rate.

North. Lect secs. 29. & 30.
Va. 18° 10' E.
Along side hill sloping W.

22.00	Foot of steep ascent. 40° [illegible]
36.00	Top of spur. brs N.W. & S.E. Thence along side-hill descending to N. & W.

BOOK-A-21

Sub[illegible]

T/p 11 N- [illegible]

[illegible]00	Set sandst[illegible] the ground, [illegible] marked 1/4 [illegible] pits 18 × 18 × [illegible] 5½ ft dist. [illegible] Earth 1½ [illegible] alongside ([illegible] drains S. [illegible]
[illegible]00	Set pine p[illegible] with mark[illegible] ground, f[illegible] 20. 29 & 3[illegible] T. 11 N- [illegible] R 11 W. [illegible] S. 30 on [illegible] S. 19 on [illegible] 2 notches [illegible] on E. Edg[illegible] 12" in Eac[illegible] raised a [illegible] high. 4½ ft [illegible] Land. rou[illegible] of line. o[illegible] Soil. san[illegible]

Subds

T/p 11 N - R. 11 W.

Set sandstone 18 x 8 x 6", 12" in the ground, for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18 x 18 x 12" N. & S. of stone, 5 1/2 ft dist, & raised a mound of Earth 1 1/2 ft high. 3 1/2 ft base alongside (in shallow gully drains S. W.)

Set pine post 4 ft long. 4" square, with marked stone, 12" in the ground, for cor. to secs. 19. 20. 29 & 30, marked -

T. 11 N - S. 20 on N. E.
R 11 W. S. 29 on S. E.
S. 30 on S. W. and
S. 19 on N. W. faces: with 2 notches on S. & 5 notches on E. Edges; dug pits 18 x 18 x 12" in Each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high. 4 1/2 ft base around post. Land, rough rocky on S. half of line, on N. half sage land. Soil. sandy, & rocky - 2d to 4th rate

Subds
T/s 11 N. R. 11 W.

Chs	
	East. on a random bet secs 20 & 29. Va. 18° 10' E.
40.00	Set temp'y 1/4 sec. cor.
80.40	Intersect N. & S. line 20 lks of cor. to secs. 20, 21, 28 & 2
	Thence N. 89° 51' W. on a true line bet secs. 20 & 29. with same Va.
	Over rough sage bench north foot of mountains
40.20	Set sandstone 24 x 18 x 8", 1 in the ground. for 1/4 sec. co Marked 1/4 on N. face: du pits 18 x 18 x 12" E. & W. of stone 5 1/2 ft dist. & raised a mound Earth 1 1/2 ft high 3 1/2 ft base alongside
80.40	The Cor. to secs. 19, 20, 29 & 3
	Land in sec. 29 is mostly mountainous, with high rocky ridges, & intervening bench land. covered with

BOOK-A-213

Sub
T/s. 11 N.

sagebrush
grass.
Soil, sa
rocky

West, o
bet s

.00 Set temp
.16 Intersect
60 lks S.
24 & 25,
4" squa
of Earth
notches
N. Edges.
tion m
Tho
S. 89° 34'
bet

Over
25.00 Road

Subds

T/o. 11 N. R. 11 W.

sagebrush & some bunch grass.
Soil, sandy, gravelly & rocky — 2d to 4th rate.

West, on a random line bet secs. 19 & 30.
Va. 18° 10' E.

0.00 Set temp. 1/4 sec. cor.
0.16 Intersect W. boundary of T/o. 60 lks S. of cor. to secs. 19, 30, 24 & 25, which is a post 4" square, set in a mound of Earth, marked with 2 notches on S. & 4 notches on N. Edges, with other regulation marks, & pits.
Thence
S. 89° 34' E, on a true line bet secs. 19 & 30.
Va. 18° 10' E.
Over sage flat
25.00 Road — bis nearly N. & S.

Sub^ds

T/p 11 N. R. 11 W.

Chs	
40.16	Set pine post 3 ft long. 8 square. with marked sto 12" in the ground. for 1/4 sec. Marked 1/4 s. on N. face. pits 18×18×12" E. & W. of 5½ ft post raised a mound of Earth 1 high. 3½ ft base around post
53.50	Leave sage flat – ascend sage bench – sloping N. W.
80.16	The cor. to secs. 19. 20. 29 & Land, S. E. 1/4 sec. is part on steep hill-side. broken & rocky – N. E. 1/4 sec is sage bench – Western part of sec. is sandy alkali flat – sparse sage & greasewood Soil. sandy. alkali & ro 2^d to 4th rate.

North bet secs. 19 & 20.
Va. 18° 10' E
Down sage bench

BOOK-A-213

Su

T/p. 11 N –

00	Enter flat greasewoo
00	Brow of
00	Margin
00	Set pine p with mark ground, f marked 1/4 pits 18×18 5½ ft dist. Earth 1½ ft post.
00	S. Edge of springs o
.00	N. Edge of
.00	Set pine p with ma ground, f 19 & 20.

T. 11 N
R. 11 W
S. 19
S. 18
3 notch

Subdo

T/o. 11 N - R. 11 W.

00 Enter flat, sparse sagebrush, greasewood & saltweed

00 Brow of bluff

00 Margin of bare alkali flat.

00 Set pine post 3 ft long, 3" square with marked stone, 12" in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits 18 x 18 x 12" N. & S. of post. 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high, 3 1/2 ft base around post.

00 S. Edge of slough - waters from springs on the west.

.00 N. Edge of slough -

.00 Set pine post 4 ft long, 4" square with marked stone, 12" in the ground, for Cor. to secs. 17, 18, 19 & 20, marked -

T. 11 N. S. 17 on N. E.

R. 11 W. S. 20 on S. E.

S. 19 on S. W. and

S. 18 on N. W. faces, with 3 notches on S. & 5 notches on

Sub^ds

T^p 11 N. R. 11 W.

chs on E. edge; Dug pits 18 x 1
12 in each sec. 5½ ft dist.
raised a mound of Earth
2 ft high, 4½ ft base around pit
Land, Sage & greasewood bar
for 30 chs - Bar
alkali flat 50 chs
Soil. Sandy & alkaly - 3^d & 4th

Note - On the west margin
the alkali flat the ground
springy 5½ mile - There are
2 large well-defined springs
one discharging by estimation
2 to 3 bbls per minute, the other
one half as much - Strong
mineral water -
From the ¼ sec. cor. bet secs 19
the bearing to large spring is N. 55°
" smaller " N. 51°35
From cor. to secs. 17. 18. 19 & 20.
Bearing to larger spring S. 38°
" smaller " S. 64°30

BOOK-A-213

Sub

T^p. 11 N.

East, on
bet se

Set. temp
Intersect
of cor. to
Thence
N. 89°54' W.
bet sec
with sa
Set pine p
with mark
ground. f
¼ S. on N. f
12 E. & W.
raised a
high. 3½ f
The cor. to
Land. la
bare al
Soil. a
4th

Subdo

Tp. 11 N. R. 11 W.

East, on a random line
bet secs. 17 & 20.
Va. 18°10' E.

.00 Set. temp'y 1/4 sec. cor.

20 Intersect N. & S. line 14 lks N.
of cor. to secs. 16, 17, 20 & 21.
Thence
N. 89°54' W. on a true line
bet secs 17 & 20.
with same Va.

.10 Set pine post 3 ft long. 3" square
with marked stone, 12" in the
ground, for 1/4 sec. cor. marked
1/4 S. on N. face: dug pits 18 x 18 x
12" E. & W. of post. 5 1/2 ft dist. &
raised a mound of Earth 1 1/2 ft
high. 3 1/2 ft base around post.

20 The cor. to secs. 17, 18, 19 & 20.
Land. level — Sec. 20 is all
bare alkali flat.
Soil. alkali
4th rate.

Subds

Ph. 11 N. R. 11 W.

chs	
	West, on a random bri[illegible] bet secs. 18 & 19. Va. 18° 10' E.
40.00	Set temp 1/4 sec. cor.
80.20	Intersect W. boundary of [illegible] 28 lks N. of cor. to secs. 18, 13 & 24. which is a post, [illegible] square, set in a mound of Earth, marked with 3 notches on N. & S. edges. [illegible] other regulation marks, [illegible] pits
	Thence
	N. 89° 48' E. on a true line bet. secs. 18 & 19. with same va.
	Along sage bench
12.00	Road bears N. & S.
20.50	Enter Alkali flat
40.20	Set pine post 3 ft long. 4" sq[illegible] with marked stone, 12" in the ground, for 1/4 sec. cor. mar[illegible] 1/4 S. on N. face: dug pits [illegible] 18 & 12" E. & W. of post 5½ ft dis[illegible]

BOOK-A-213

Sub[illegible]

Ph. 11 N.

[illegible]	& raised [illegible] 1½ ft high [illegible] post.
[illegible]20	The cor. [illegible] Land. [illegible] 19. is sage [illegible] bench - [illegible] bare al[illegible] Soil. alk[illegible] 2° to [illegible]

North [illegible]

	Over alk[illegible]
[illegible]0.00	Set pine p[illegible] with mark[illegible] ground. f[illegible] 1/4 S. on W. [illegible] & 12" N. & S. [illegible] raised a [illegible] high. 3½ [illegible]
[illegible]0.00	Set pine p[illegible] with mark[illegible]

Subs No

No. 11 N. R. 11 W.

+ raised a mound of Earth 1½ ft high 3½ ft base around post.

20 The cor. to secs. 17. 18. 19 + 20.
Land. on S. W. bank of sec. 19. is sage bottom + rolling bunch - N. E. bank is all bare alkali flat.
Soil. alkali. + sandy - 2d to 4th rate.

North bet. secs. 17 + 18.
Va. 18° 10' E.
Over alkali flat.
10.00 Set pine post 3 ft long. 4" square with marked stone, 12" in the ground. for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits 18 x 18 x 12" N. W. of post. 6½ ft dist. + raised a mound of earth 1½ ft high. 3½ ft base around post.
10.00 Set pine post 4 ft long. 4" square with marked stone, 12" in the

Subdo

Tp. 11 N. R. 11 W.

chs ground. for cor. to secs. 7
& 18. marked —
T. 11 N. S. 8 on N. E.
R. 11 W. S. 17 on S. E.
S. 18 on S. W. and
S. 7 on N. W. faces; dug
pits 18 × 18 × 12" in each sec.
dist. & raised a mound of
Earth 2 ft high. 4½ ft base
around post.
Land. bare alkali flat
for 8 chs
Soil. alkali — 4th rate

East. on a random line
bet. secs. 8 & 17.
Va. 18° 10' E.
40.00 Set temp'y 1/4 sec. cor.
80.30 Intersect N. & S. line 26 lks
of cor. to secs. 8. 9. 16 & 17.
Thence
N. 89° 49' W. on a true line
bet. secs. 8 & 17.

BOOK-A-213

Su

Tp. 11 N.

chs with same
.15 Set flint
18" in the
marked
pits 18 × 18
5½ ft dist.
of Earth
base al
.30 The cor
Land.
alkali
Soil.

West.
bet.

.00 Set tem
.18 Intersec
56 lks N
12 & 13.
stone 18
4 notch
N. Edges

Sub do

Tp. 11 N. R. 11 W.

	With same Va.
.15	Set flint stone 25 x 20 x 15" 18" in the ground. for 1/4 sec. cor. Marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone, 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside.
.30	The cor. to secs 7. 8. 17 & 18. Land. Sec. 17 is all bare alkali flat. Soil. Alkali – 4th rate.

West. on a random line bet. secs. 7 & 18.
Va. 18° 10' E.

0.00	Set temp'y 1/4 sec. cor.
.18	Intersect W. boundary of Tp. 56 lks N. of cor. to secs. 7. 18. 12 & 13, which is a quartzite stone 18 x 10 x 9", marked with 4 notches on S. & 2 notches on N. Edges. with mound & pits.

Subdo

Tp. 11 N. R. 11 W.

Chs	Thence
	N. 89°36' E. on a true line bet. secs. 7 & 18. with same Va.
	Over sage bench
13.00	Enter alkali flat.
40.18	Set pine post 3 ft long. 4" sq with marked stone, 12" in the ground. for 1/4 sec. cor. mark 1/4 S. on N. face; dug pits 18 x 12" E. & W. of post. 5 1/2 ft dis & raised a mound of earth 1 ft high. 3 1/2 ft base around post.
80.18	The cor. to secs. 7. 8. 17 & 18.
	Land, sage bottom on S.W. part of sec. 18 - N.W. hi The Eastern part are alkali f
	Soil. sandy & alkali 3d & 4th rate.

North. bet. secs. 7 & 8.
Va. 18°10' E.
Over alkali flat.

Sub

Tp. 11 N.

Chs	
.00	Set pine p square, with 12" in the gr marked 1/4 18 x 18 x 12" N. & raised a 1 1/2 ft high around p
.00	Set pine p with mark ground. for 8. Marke T. 11 N. R. 11 W. S. 7 on S. 6 on N 5 notches on E. edge in each se raised a 2 ft high. 4 Land. Ba Soil. al

Sub do

Tp. 11 N. R. 11 W.

.00 Set pine post 3 ft long. 3 x 4" square, with marked stone, 12" in the ground, for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18 x 18 x 12" N. & S. of post, 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high, 3 1/2 ft base around post.

.00 Set pine post 4 ft long. 4" square with marked stone, 12" in the ground, for cor. to secs. 5. 6. 7 & 8. Marked—

T. 11 N. S. 5 on N. E.
R. 11 W. S. 8 on S. E.
S. 7 on S. W. and
S. 6 on N. W. faces: with 5 notches on S. & 5 notches on E. edges: dug pits 18 x 18 x 12" in Each sec. 5 1/2 ft dist. and raised a mound of Earth 2 ft high, 4 1/2 ft base around post.

Land. Bare alkali flat.
Soil. alkali—4th rate.

Sub^do

T^p. 11 N. R. 11 W.

chs	East. on a random line bet. secs. 5 & 8. Va. 18°10' E.
40.00	Set tempy 1/4 sec. cor.
80.10	Intersect N. & S. line 16 lks. of cor. to secs. 4, 5, 8 & 9. Thence N. 89°53' W. on a true line bet secs. 5 & 8. with same Va.
40.05	Set pine post. 3 ft long. 3 x 4" square, with marked stone, in the ground, for 1/4 sec. cor. marked 1/4 S. on N. face; dug pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high. 3 1/2 ft base around post.
80.10	The cor. to secs. 5, 6, 7 & 8. Land Sec. 8 is all bare alkali flat. Soil. alkali - 4th rate.

BOOK-A-21

Su

T^p. 11 N.

	West, o bet.
00	Set temp
10	Intersect 78 lks N. of 12, which 14 x 8 x 6" notches N. Edges, mound & The N. 89°26' bet. with Down st
.00	Road, b
.00	Telegraph
.60	Central
40	Teligh l
.00	Enter al
.10	Set pine with ma ground,

BOOK-A-213

Subs

No. 11 N. R. 11 W.

West, on a random line
bet. Secs. 6 & 7.
Va. 18° 10' E.

.00 Set temp 1/4 sec. cor.
.10 Intersect W. boundary of Tp.
78 lks N. of cor. to secs. 1, 6, 7 &
12, which is a limestone
14 x 8 x 6", marked with 5
notches on S. & 1 notch on
N. edge, with regulation
mound & pits
Thence
N. 89° 26' E. on a true line
bet. Secs. 6 & 7.
with some Va.
Down slope
.00 Road, bus N. E. & S. W.
.00 Telegraph line " "
.60 Central Pa Ry " "
.40 Lehigh line " "
.00 Enter alkali flat.
2.10 Set pine stake 3 ft long 4" square
with marked stone, 12" in the
ground, for 1/4 sec. cor. marked

Subds

Tp. 11 N. R. 11 W.

chs	1/4 s. on N. face: dug pits 18×18×12 E. & W. of post, 5 dist. & raised a mound of Earth 1½ ft high, 3½ ft base around post.
80.10	The Cor. to secs. 5. 6. 7 & Land. on W. side of sec is rolling & stony, covered with sagebrush – The East part of sec. is all low alkali flat. Soil, stony, & alkali 3d & 4th rate
	North, on a random line bet. secs. 5 & 6. Va. 18°10' E.
40.00	Set tempy 1/4 sec. cor.
78.07	Intersect N. boundary of 15.94 lks W. of Cor. to secs 31 & 32, which is a post 4m square, set firmly in

Sub

Tp. 11 N

	the ground 5 notches on W. Ed regulati low mound obliterati & pits. Thence S. 11°32' W. bet se with Over alk
00	Enter sa
00	Leave alkali
79	Set pine square, 1 12 in the marked 1/ pits N. & & raise 1½ ft high post.
9.61	The Cor.

Sub do

T. 11 N. R. 11 W.

the ground, marked with 5 notches on E. & 1 notch on W. Edges, with other regulation marks, with low mound, pits nearly obliterated, Renewed mound & pits.

Thence

S. 11° 32' W. on a true line

Bet secs. 5 & 6.

With same Va.

Over alkali flat.

00 Enter sagebrush

00 Leave " " Enter alkali flat.

79 Set pine post 3 ft long, 3 x 4 in square, with marked stone, 12 in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits N. & S. of post. 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high. 3 1/2 ft base around post.

9.61 The Cor. to secs. 5, 6, 7 & 8.

Oct 6 1886

Subds

T/p 11 N. R. 11 W.

Land – Sec. 5 is all o
low alkali flat. excep
a small area on N. si
of low alkali bench, thi
covered with sagebrush
greasewood –

Soil. alkali – 4th ra

Land – Sec. 6. West si
is hilly & rolling sagebr
North side the ground
rolling, thinly covered
with sagebrush and
greasewood – balance
Sec. is low alkali flat

Soil. sandy & alkali
3d & 4th rate

BOOK-A-21

Meanders
of Great
T/p. 11 N-R.

Oct 7
Begi
cor. to fra
on S. bou
by me m

Thence

N. 5° E.
To mean
fraction

Then
N. 58° E.
N. 73°18'
N. 53°08'
To mea
secs. 2

Then
N. 49°49
To mea
secs.

BOOK-A-213

Meanders of westerly side of Great Salt Lake in Tp. 11 N. R. 11 W. S. L. Mer.

Oct 7 1886

Begin at meander cor. to fractional secs. 4 & 33 on S. boundary of Tp. ret by me under this contract.

Thence in sec. 33.
Va. 18° 10' E.
N. 5° E. 80.30 chains
To meander cor. to fractional secs. 28 & 33.

Thence in sec. 28.
N. 58° E. 9.04 chains
N. 73° 18' W. 5.22 "
N. 53° 08' E. 50.00 "
To meander cor. to frac. secs. 27 & 28.

Thence in sec. 27.
N. 49° 49' E. 67.41 chs
To meander cor. to frac. secs. 22 & 27.

Meanders

T/D. 11 N. R. 11 W.

Thence in sec. 22.
N. 5°17 E. 80.34 chains
To meander cor. to frac
secs. 15 & 22.

Thence in sec. 15.
N. 2°18' W. 80.06 chs
To meander cor to
frac. secs. 10 & 15.

Thence in sec. 10.
N. 22°03' E. 64.73 chs
To meander cor. to
frac. secs. 10 & 11.

Thence in sec. 11.
N. 28°48' E. 22.82 chs
To meander cor. to frac
secs. 2 & 11.

Thence in sec. 2.
N. 43°43' E. 108.32 chs
To meander cor. to
fractional secs. 2 & 35.

BOOK-A-21

on North

This m
wholly a
soft bo
margin

Genera

The 4
portion
Embrac
& compa
land.
good gr
also the
No tim
The ba
tional
alkali

on North boundary of Tp.

This meander line is wholly along the level, east bottom at Lake margin—

Oct 7 1884

General Description.

The 4 secs, in the S. W. portion of this township embrace both Mountains & comparatively level land, containing some good grazing land, as does also the western 1/4 sec. tier. No timber or fresh water—

The balance of this fractional Tp. is low, barren alkali flat, entirely worthless

except for the purpose
salt gathering—
a large area of it is
subject to overflow fr
the Lake when the win
are strong from the S.
S. E.
I am informed that
whole of the low flat
has been submerged
the Lake waters within
recent years—

Edmund Wil

Chas. S. Betts
Usdep

BOOK-A-21

S. SURVEYOR GENE

Salt Lake City,

The foregoing field
Subdiv
and Mea
wnship No. 11 Nov
the Salt Lake Meridi
Edmund Wil
nder Contract No.
ay of June
Oct.
amined, the necessa
ade, the said field no
re hereby approved.

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug. 31 1887

The foregoing field notes of the survey of the Subdivisions and Meanders.

wnship No. 11 North Range No. 11 West

the Salt Lake Meridian. Executed by Edmund Wilkes & E. S. Betts

nder Contract No. 140 of the 24th

ay of June 1886, in the month of Oct. 1886, having been critically

amined, the necessary corrections and explanations

ade, the said field notes, and the surveys they describe

re hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-21

EPORT:

ed

amined by John (

anscribed by KATE H

mpared by Hon

FIELD

OF THE ie SU

West bo

ownship No. 13 (

ange No, 10 (

SALT LAK

UTAH

AS S

E. Wilkes

U. S. D

Under his Contra

Dated June

urvey commenced

urvey completed

27.

BOOK-A-213

3335

EPORT:

ed 188

amined by John H. Campe

anscribed by KATE BOWMAN.

mpared by Norton and Atkinson

FIELD NOTES

OF THE ie SURVEY OF THE

West boundary

OF

ownship No. 13 North

ange No, 10 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 139

ated June 24th 1886

urvey commenced Oct 12 1886

urvey completed " 12 1886

27.

4

NAMES AND DUTIES OF ASSISTANTS

Chas S Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Re-survey of
West 1
Tp. 13 N-R.

Sur
Oct 12th 1
Abraham
Theodo
Havi
my instru
Standard
needle v
17°30' E.
I beg
cor. to Tp.
W. on 3d
which is
mound a
with 6 n
the 4 cor
regulati
Th
North
bet sa

Set temp
mile cor
Not findi

BOOK-A-213

Re-survey of the S. 1½ miles of
West Boundary,
Tp. 13 N. R. 10 W. S. L. Mer.

Survey commenced Oct. 12th 1886, with an Abraham's Improved Theodolyte.

Having previously tested my instrument on the 3rd Standard Parl, & finding needle variation to be 17°30' E. & chaining to agree,

I begin at the Standard Cor. to Tps. 12 & 13 N. Rs 10 & 11 W. on 3rd Standard Parl N. which is a post set in a mound of Earth, marked with 6 notches on each of the 4 corners, with other regulation marks, & pits,

Thence I run North on a random line bet said ranges

Va. 17°30' E.

Set temp'y half-mile and mile cors, at each 40 & 80 chs, Not finding a cor. to be positively

West Boundary

Tp. 13 N-R. 10 W.

chs	identified. I continue random line to Nor[illegible] boundary of township. Returning. I run fro[illegible] the 1/4 sec. cor. bet secs. which is a sandstone 14×10×5, properly m[illegible] & 30, now set by me. S. 0° 03' W. on a true line along W. boundary of sec. [illegible] Va. 17° 30' E.
8.00	Wash. drains S. W.
22.50	Low point rising to E.
40.00	No trace of old cor. Set sandstone 12×12×7 in the ground, for cor. to [illegible] 25. 30. 31 & 36. Marked wi[illegible] 1 notch on S. & 5 notches N. edges; dug pits 18×18×[illegible] in each sec. 5½ ft dist. an[illegible] raised a mound of Earth high. 4½ ft base alongside Land, undulating Soil, sandy & gravelly. 2d & 3d rate Sagebrush

BOOK-A-213

West [illegible]

Tp. 13 N-[illegible]

chs	S. 0° 03' W. [illegible] along W. [illegible]
	Over near[illegible]
[illegible].00	Old mo[illegible] Set sand[illegible] in the grou[illegible] marked [illegible] pits 18×18[illegible] 5½ ft dist. [illegible] of Earth [illegible] base a[illegible]
[illegible].00	The cor. [illegible] Rs. 10 & 1[illegible] Land. [illegible] Soil. S[illegible] S[illegible]

West Boundary

Tp. 13 N - R. 10 W.

S. 0° 03' W. on a true line along W. boundary of sec. 31.
Va. 17° 30' E.
Over nearly level ground
Old mound, but no post.
Set sandstone 12 x 10 x 8", 8" in the ground for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone. 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside.
The Cor. to Tps 12 & 13 N. Rs. 10 & 11 W.
Land. nearly level
Soil. Sandy - 2nd rate
Sagebrush
Oct 12 1886

West Boundary
Tp. 13 N - R. 10 W.

General Description

This southern portion of Tp. line is along nearly level & undulating ground, covered with dense growth of sage brush

Edmund Wilkes

Chas. S. Betts
U.S. Dept

BOOK-A-2

S. SURVEYOR GENE

Salt Lake City,

The foregoing field

West B

ownship No. 13. T

the Salt Lake Merid

. Wilkes

nder Contract No. 1

ay of June

Oct

xamined, the necessa

nade, the said field n

re hereby approved.

Wil

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *1887*

The foregoing field notes of the Re *survey of the*

West Boundary

ownship No. 13 N *Range No.* 10 W.

the Salt Lake Meridian. Executed by

Wilkes & C. S. Betts

nder Contract No. 139 *of the* 24th

ay of June *1886, in the month of*

Oct *188*6 *having been critically*

xamined, the necessary corrections and explanations

nade, the said field notes, and the surveys they describe

re hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

342

BOOK-A-2

EPORT:

ed

amined by John (

anscribed by KATE

mpared by G. S. M

FIELD

OF THE SU

West b

wnship No. 23

ange No. 10

SALT LAK

UTAH

AS

E. Willes

U. S. I

Under his Contro

Dated June

urvey commenced

urvey completed

28

BOOK-A-213

343

EPORT:

ed 188

amined by John H. Campbe

anscribed by KATE BOWMAN.

mpared by G. S. Norton & H. W. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

wnship No. 13 S.

ange No. 10 W.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wieles & C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24th 1886

urvey commenced Oct 12 1886

urvey completed " 12 1886

8

6

NAMES AND DUTIES OF ASSISTANTS

Chas. S. Wilkes	Compassm
Chas A. Prescott	Chainman
W. W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Survey of
West
Tp. 13 N-
Surv
1886. with
Improv
being th
of line
of Tp. —
I begin
1/4 sec. c
now set
North
bet R.

Set temp
Cors. at Ea
.00 Intersect
43 lks W
with sh
I recogn
to Tps. 1
Re-estab
Set ceda
square,
12" in th
Tps. 13 +

Survey of the N. 4½ miles of West Boundary
Tp. 13 N. R. 10 W. S.L. mer.

Survey made Oct 12th 1886, with an Abraham's Improved Theodolyte: being the continuation of line from S. boundary of Tp. —

I begin at the ~~tempy~~ 1/4 sec. cor. bet secs. 25 & 30 under Contract No 139 now set by me, & continue North on random line bet Rs 10 & 11 W.

Va. 17° 30' E.

Set tempy mile & half-mile cors. at each 40 & 80 chs — at
0.00 Intersect N. boundary of Tp. 43 lks W. of old mound. with shallow pits, which I recognize as the true cor. to Tps. 13 & 14 N. Rs 10 & 11 W.

Re-establish cor.

Set cedar post 4 ft long. 4" square, with marked stone. 12" in the ground, for cor. to Tps. 13 & 14 N. Rs 10 & 11 W.

West Boundary
Tp. 13 N - R. 10 W.

chs Marked -
T. 14 N - S. 31 on N.E.
R. 10 W - S. 6 on S.E.
T. 13 N - S. 1 on S.W. a
R. 11 W - S. 36 on N.W. f
with 6 notches on each
dug pits 24 x 18 x 12" length
on each line N. S. E. & W. of p
6 ft dist. & raised a mound
Earth 2 ft high 4½ ft b
around post.
Thence I run
S. 0° 03' W. on a true line
along W. boundary of Sec.
Va. 17° 30' E.
Over nearly level gro
40.00 Set sage post 30 x 4 x 3", N
marked stone, 12" in the
ground. for ¼ sec. cor.
marked ¼ S on W. face. d
pits 18 x 18 x 12" N. & S. of post
dist. & raised a mound of Ea
1½ ft high. 3½ ft base around po
80.00 Set sandstone 16 x 12 x 4", 12

BOOK-A-2

West
Tp. 13 N -
in the grou
1, 6, 7 & 12.
1 notch o
S. Edges; d
in each s
raised a m
2 ft high, 4½
Land. L
Soil. Su
Dense

S. 0° 03' W. o
along W. b
Over leve
00 at foot of
set sands
the grou
marked ¼
pits 18 x 18
5½ ft dist.
of Earth
base a

West Boundary

Tp. 13 N. R. 10 W.

in the ground, for cor. to secs. 1, 6, 7 & 12, marked with 1 notch on N. & 5 notches on S. Edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. and raised a mound of earth 2 ft high, 4½ ft base alongside.
Land, level
Soil, sandy - 2d rate
Dense sagebrush

S. 0°03' W. on a true line along W. boundary of sec. 7 -
(Va. 17°30' E.
Over level ground
at foot of gentle slope, bes E. & W. set sandstone 14 x 12 x 4", 10" in the ground, for ¼ sec. cor. marked ¼ on W. face; dug pits 18 x 18 x 12" N. & S. of stone. 5½ ft dist. & raised a mound of earth 1½ ft high, 3½ ft base alongside.

West Boundary
Tp. 13 N. R. 10 W.

chs	
	ascend gradually
80.00	Set sandstone 30×12×4
	18" in the ground, for cor. to
	7, 12, 13 & 18. Marked
	2 notches on N. & 4 not
	on S. edges; dug pits 18×
	12" in each sec. 5½ ft dis
	raised a mound of ear
	2 ft high, 4½ ft base
	alongside.
	Land, level & gently slop
	Soil, sandy – 2nd rate
	Sagebrush

S. 0°03' W. on a true line
along W. boundary of Sec. 1
Va. 17°30' E.
over rolling & ascending
ground

40.00	Set sandstone 20×12×6", 1
	in the ground, for ¼ sec. co
	marked ¼ on W. face; du
	pits 18×18×12" on N. & S. of the

West Boundary

Tp. 13 N. R. 10 W.

5½ ft dist. & raised a mound of earth 1½ ft high, 3½ ft base alongside.

.00 Foot of rocky slide

.50 Top of " " " bro E. & W.

Descend

.00 Set sandstone 20×12×10", 16" in the ground, for Cor. to Secs. 13, 18, 19 & 24, marked with 3 notches on N. & S. edges; dug pits 18×18×12" in each Sec. 5½ ft dist. & raised a mound of earth 2 ft high 4½ ft base alongside

Land, rolling, & rough, soil, sandy, & rocky — 2nd & 4th rate

Sagebrush

S. 0°03' W. on a true line along W. boundary of Sec. 19.

Va. 19°30' E.

.50 Wash - drains N. W.

West Boundary

T/o. 13 N. R. 10 W.

Chs.	
40.00	Set sandstone 20 x 8 x 6". 1 in the ground. for 1/4 sec. Cor. Marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of sto 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.
	Descend
75.00	Ft of descent
80.00	Set sandstone 36 x 10 x 6". 2 in the ground. for cor. to sec 19. 24. 25 & 30. Marked with 4 notches on N. & 2 notches on S. Edges; dug pits 18 x 18 x 1 in Each sec. 5½ ft dist. an raised a mound of Earth 2 ft high. 4½ ft base along side.
	Land. rolling
	Soil. sandy & stony - 2d & 4th rate

BOOK-A-21

West

T/o. 13 N.

hs	S. 0° 03' W.
	Along W.
	Along &
	bearing
00	Foot of
00	Intersect
	~~Set by me~~
	which is a
	~~Set~~ sands
	in the gro
	Marked
	pits 18 x 18
	5½ ft dist.
	of Earth
	base alo
	Land, ro
	Soil. sa
	2
	O

West Boundary
No. 13 N. R. 10 W.

S. 1° 03' W. on a true line
Along W. boundary of Sec. 30.
(Va. 17° 30' E.
Along & down rocky cliffs
bearing N. E. & S. W.
Foot of rocky cliffs. N. E. & S. W.
Intersect ~~temporary~~ 1/4 Sec. Cor.
~~set by me~~ — Established Cor. —
~~set~~ which is a
Sandstone 14 x 10 x 5", 10"
in the ground, for 1/4 Sec. Cor.
Marked 1/4 on W. face; ~~dug~~
pits 18 x 18 x 12" N. & S. of Stone.
5½ ft dist. & ~~raised~~ a mound
of Earth 1½ ft high. 3½ ft
base alongside —
Land, rocky cliffs, & rolling
Soil, sandy & rocky —
2 & 4th rate
Sagebrush
Oct 12 1886

352

West Boundary
Tp. 13 N. R. 10 W.

General Description

The land along this line is principally level and rolling, with some rock bluffs in secs. 19 & 30. and Edge of secs. 24 & 25. - Mostly covered with an abundant growth of sagebrush -

Edmund Wilkes
Chas. T. Betts
Ms Dept

BOOK-A-2

S. SURVEYOR GENERA

Salt Lake City, U

The foregoing field no
West - Bo

ownship No. 13 N

f the Salt Lake Meridian
Wilkes & C

nder Contract No. 14

ay of June
Oct

xamined, the necessary

nade, the said field note

re hereby approved.

Wil

U.

BOOK-A-213

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *1887.*

The foregoing field notes of the ..... *survey of the*

West Boundary

ownship No. 13 N *Range No.* 10 W.

f the Salt Lake Meridian. Executed by .....

Wilkes & C. S. Betts

Under Contract No. 140 *of the* 24th

ay of June *1886, in the month of*

Oct *1886, having been critically*

xamined, the necessary corrections and explanations

nade, the said field notes, and the surveys they describe

re hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-213

PORT:

d

amined by John

nscribed by

mpared by

FIELD

OF THE re SUR

Subdiv

wnship No. 13

ange No, 10

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SALT LAK

UTAH T

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mund Wilke

U. S. De

Under his Contrac

ated June 2

urvey commenced

urvey completed

9.

BOOK-A-213 355

PORT:

ed 188

amined by John H Campe

nscribed by Jennie V. Boorman

mpared by G S Norton & H R M Atkinson

FIELD NOTES

OF THE re SURVEY OF THE

Subdivisions

OF

ownship No. 13 North

ange No. 10 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

mund Wilkes & Chas S. Betts

U. S. Deputy Surveyor, S

Under his Contract No. 139

ated June 24th 1887

urvey commenced Oct 13 1886

urvey completed " 14 1886

9. 16

NAMES AND DUTIES OF ASSISTANTS

Chas S Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Re-Survey
Tp. 13 N-R-
Surv
Oct 13th 18
Abraham
Theodoly
Having
my instru
3 Standar
the needle
17°30' E. &
tically ag
I beg
cor. of re-
cor. to secs.
S. bounda
a post se
Earth, ma
notches
with oth
marks, &
Thence
North, a
bet. Se
In old m

Re-survey of a portion of Tp. 13 N-R-10 W. S. L. mer.

Survey commenced Oct 13th 1886. with an Abraham's Improved Theodolyte.

Having previously tested my instrument on the 3 Standard Parl. & finding the needle variation to be 17°30' E. & chaining to practically agree.

I beg in at the Easterly cor. of re-survey, being the cor. to secs. 3, 4, 33 & 34. on S. boundary of Tp. which is a post set in a mound of Earth, marked with 3 notches on E. & W. Edges, with other regulation marks, & pits

Thence I run North, on a random line bet. Secs. 33 & 34.

Va. 17°30' E.

In old mound, set temp 1/4

Re-Survey - Sub-

Tp. 13 N. R. 10 W.

chs	
	Sec. cor.
80.00	Find old post 3 x 3" squ
	Standing, properly marke
	for cor. to secs. 27. 28. 33 &
	Renew pits & mound around pos
	Thence I run
	South, on a true line
	bet. secs. 33 & 34.
	With same Va.
1.00	Road - Kelton to Lewiston N.E. & S.
40.00	Reset post (which I find
	Thrown down) 4 ft long. 3"
	square, with marked stone
	12" deep in mound, for 1/4 sec
	Cor. marked 1/4 S. on W. face
	dug pits 18 x 18 x 12" N. & S. of
	post, 5 1/2 ft dist. & renew mo
	of Earth to 1 1/2 ft high. 3 1/2 ft
	base around post.
80.00	The cor. to secs. 3. 4. 33 & 34
	Land, undulating
	Soil, alluvial & sandy -
	2d rate
	Sagebush

Re-sur

Tp. 13 N. R

	From cor
	I run
	North, on
	bet.
	(
.00	Set temp
.00	Find old
	Standing,
	cor. to se
	Renew pit
	high. 4 1/2
	Th
	South, on
	bet.
	Wa
10	Road, be
.00	Re-set co
	square.
	12" in the
	marked
	pits 18
	5 1/2 ft dist.
	& rais
	to 1 1/2 ft
	arou

Re-survey - Subs

T. 13 N. R. 10 W.

From cor. to secs. 27, 28, 33 & 34
I run
North, on a random line
bet. secs. 27 & 28.
Va. 17° 30' E.
00 Set temp. 1/4 sec. cor. (in old mound)
00 Find old post 8 x 8" square
standing, properly marked for
cor. to secs. 21, 22, 27 & 28.
Pits, & mound to 2 ft
high. 4½ ft base around post.
Thence I run
South, on a true line
bet. secs. 27 & 28.
with same Va.
10 Road, bears N.W. & S.E.
00 Re-set cedar post 4 ft long. 8"
square. with marked stone.
12" in the ground. for 1/4 sec. cor.
marked 1/4 S. on W. face; dug
pits 18 x 18 x 12" N. & S. of post.
15½ ft dist.
I raised the mound 3 feet
to 1½ ft high. 3½ ft base
around post.

Re-survey - Subds

T.p. 13 N. R. 10 W.

Chs	
68.00	Road. bears E. & W.
80.00	The cor. to secs. 27. 28. 33 &
	Land. rolling
	Soil. alluvial & sandy
	2d rate
	Sage brush

From Cor. to. 21. 22. 27 & 2
& run
North. on a random line
bet. secs. 21 & 22.
Va. 17° 30' E.

40.00	Set temp 1/4 sec. cor.
80.00	Find post thrown down
	beside old mound - post
	properly marked for cor.
	secs. 15. 16. 21 & 22. - Re-su
	post 4 ft long. 3" square. wi
	marked stone, 12" deep in old
	mound; dug pits 18 x 18 x 1
	in each sec. 5 1/2 ft dist. &

BOOK-A-21

Re-su

T.p. 13 N.

raised a
mou
2 ft high.
post.
Thu
South. on
bet. s
With
In old mo
4 ft long. 3
marked
ground. f
marked
pits 18 x 1
5 1/2 ft dist.
of Earth
base a
The cor.
Land. r
to nort
Soil.

Re-survey - Subs

Tp. 13 N. R. 10 W.

raised a mound of Earth to 2 ft high. 4½ ft base around post.

Thence I run South. on a true line bet. Secs. 21 & 22. with same Va.

00 In old mound. re-set post 4 ft long. 3" square. with marked stone, 12" in the ground. for 1/4 sec. cor. marked 1/4 S. on W. face; dug pits 18 x 18 x 12" N. & S. of post. 5½ ft dist. & raised the mound of Earth 1½ ft high. 3½ ft base around post.

00 The cor. to Secs. 21. 22. 27 & 28. Land. rolling. & rising to north.

Soil. sandy - 2nd rate

Sagebrush

Re-Survey - Subdo

Tp. 13 N. R. 10 W.

Chs	From cor. to Secs. 15, 21 & 22. I run North. on a random line bet. Secs. 15 & 16. Va. 17° 35' E.
40.00	Find 1/4 Sec. cor. Stone in place.
80.00	Find post thrown down beside old mound - post properly marked for cor. Secs. 9, 10, 15 & 16. - Re-set post 4 ft long. 3" square. with marked stone. 12" deep in old mound. dug pits 18 & 12" in each sec. 5½ ft dist. raised the mound of Earth 2 ft high 4½ ft base around post. Thence I run South. on a true line bet. Secs. 15 & 16. with same Va.
40.00	The 1/4 Sec. cor. - a sandstone 14 x 8 x 6". in place. Marked

BOOK-A-2

Re-sur

Tp 13 N

1/4 on W. f
iterated -
12" N. & S.
raised a
high. 3½
Top of bl
The Cor.
Land. r
Soil. sa
2
S

Re-survey - Subds

Tp 13 N. R. 10 W.

1/4 on W. face - pits obliterated - Dug pits 18 x 18 x 12 N. & S. of stone. 5 1/2 ft dist. & raised a mound of earth 1 1/2 ft high. 3 1/2 ft base alongside Top of bluff. sloping N. E. The Cor. to secs. 15. 16. 21 & 22. Land, rough & broken Soil, sandy & stony -

2d & 3d rate

Sage brush

Re-survey – Subds

T/p. 13 N – R. 10 W.

Chs	
	From Cor. to Secs. 9. 10. 15
	North on a random line
	bet. secs. 9 + 10.
	Va. 17° 30' E.
40.00	Set temp'y 1/4 sec. cor.
80.00	Find old post 3 × 3" square
	Standing, properly marked
	for Cor. to secs. 3. 4. 9 + 10
	Renew pits + mound
	around post. Thence S'n
	South, on a true line
	bet. secs. 9 + 10.
	With same Va.
	Over rough + rolling gr
40.00	Old post thrown down bu
	old mound – pits nearly
	obliterated – Re-set post
	4 ft long. 2 × 3" square, with
	marked stone. 12" in old
	mound. for 1/4 sec. cor
	Marked 1/4 S on W. face
	dug pits 18 × 18 × 12" N. + S.
	post. 5½ ft dist. + raised
	mound of Earth 1½ ft high

BOOK-A-21

Su

T/p 13 N –

	3½ ft bur
00	The Cor. t
	Land. ra
	Soil. sa
	3
	From C
	North.
	bet.
00	Set temp
20	Intersect
	10 lks W.
	33 + 34.
	post 2 × 3
	in old mound of
	with 3
	Edges. w
	Marks.
	Th
	S. 0° 04' W

Subds

T/p 13 N - R. 10 W.

3½ ft base around post.
00 The Cor. to secs. 9. 10. 15 & 16.
Land. rolling & undulating
Soil. sandy & stony -
3 & 4th rate
Sagebrush

From Cor. to secs. 3. 4. 9 & 10.
North. on a random line
bet. secs. 3 & 4.
Va. 17° 30' E.
00 Set temp'y ¼ sec. cor.
20 Intersect N. boundary of T/p.
10 lks W. of cor. to secs. 3. 4.
33 & 34. which is a cedar
post 2 x 3" square, standing
in old mound of Earth, marked
with 3 notches on E. & W.
Edges. with other regulation
marks. & shallow pits.
Thence I run
S. 0° 04' W. on a true line

Subds

Tp. 13 N - R. 10 W.

chs	
	bet. Secs 3 & 4. with same Va.
40.20	Find old post 2 x 3 squa[illegible] standing. marked 1/4 s. on [illegible] face for 1/4 sec. Cor. - pi[illegible] nearly obliterated - Rem[illegible] pits & mound.
80.20	The cor. to secs. 3.4.9 & 10 Land. nearly level soil, sandy - 2d rate Sagebrush

Oct 13 1886

BOOK-A-213

Re-sur[illegible]

Tp. 13 N - [illegible]

chs	
	Com[illegible] secs. 4.5.3[illegible] boundary post set [illegible] marked [illegible] The E. & [illegible] Edges. w[illegible] marks. [illegible] Th[illegible] North. [illegible] bet [illegible]
0.00	Set temp[illegible]
0.00	Face 42[illegible] No post f[illegible] Set Cong[illegible] 12" in Th[illegible] 28.29.3[illegible] 1 notch [illegible] E. Edges. [illegible] each se[illegible] mound [illegible] base a[illegible] T[illegible]

Re-survey - Subds

Tp. 13 N - R. 10 W.

Oct 14 1886

Commence at Cor. to secs. 4. 5. 32 & 33. on south boundary of Tp. which is a post set in a mound of Earth, marked with 4 notches on the E. & 2 notches on W. Edges. with other regulation marks. & pits,

Thence I run

North. on a random line bet. secs. 32 & 33.

Va. 17° 30' E.

10.00 Set temp'y 1/4 sec. cor.

0.00 Face 42 lks E. of old mound - No post found - In old mound, set Conglomerate stone 20 x 10 x 6 12" in the ground. for Cor. to secs. 28. 29. 32 & 33. marked with 1 notch on S. & 4 notches on E. Edges. dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high. 4 1/2 ft base alongside

Thence I run

Re-survey - Subds

T/S. 13 N. R. 10 W.

Chs	S. 0° 18' E. on a true line bet. secs. 32 & 33. With same Va.
40.00	Find old post thrown down beside low mound - pits nearly obliterated - Re-set post 3 ft long. 2 x 3" square, w[illegible] marked stone. 12" deep in [illegible] mound. for 1/4 sec. cor. mark[illegible] 1/4 S. on W. face; dug pits 18 [illegible] 12" N. & S. of post, 5½ ft dist. [illegible] raised the mound of Earth 1½ ft high. 3½ ft base around p[illegible]
80.00	The Cor. to secs. 4. 5. 32 & 33. Land, nearly level Soil, sandy - 2 rate Sagebrush.

From Cor. to secs. 28. 29. 3[illegible] 33 -

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

BOOK-A-2

Re-su[illegible]

T/S. 13 N-[illegible]

[illegible]	V[illegible]
[illegible].00	Set tem[illegible]
[illegible].48	Intersect [illegible]
	N. of Cor. [illegible]
	Then
	N. 89° 54' W[illegible]
	bet. [illegible]
	with [illegible]
	Over ra[illegible]
[illegible].24	No trace [illegible]
	Sandstone [illegible]
	The groun[illegible]
	Marked [illegible]
	pits 18 x 18 [illegible]
	5½ ft dist. [illegible]
	of Earth [illegible]
	along [illegible]
[illegible]7.00	Foot of [illegible]
[illegible].48	The Cor. [illegible]
	Land, ra[illegible]
	Soil. S[illegible]
	Sag[illegible]

Re-survey — Subdivs

No. 13 N. R. 10 W.

Va. 17° 30' E.

.00 Set temp. 1/4 sec. cor.

.48 Intersect N. bd. line 14 lks

N. of cor. to secs. 27. 28. 33 & 34.

Thence

N. 89° 54' W. on a true line

bet. secs. 28 & 33.

with same Va.

Over rolling bench

.24 No trace of old cor. Set

sandstone 15 x 10 x 7", 8" in

the ground for 1/4 sec. cor.

Marked 1/4 on N. face; dug

pits 18 x 18 x 12" E. & W. of stone.

5 1/2 ft dist. & raised a mound

of earth 1 1/2 ft high 3 1/2 ft base

along side.

7.00 Foot of bench

.48 The cor. to secs. 28. 29. 32 & 33.

Land rolling, & level

Soil. Sandy — 2° rate

Sagebrush

Re-Survey - Subdo

T/p. 13 N - R. 10 W.

chs	
	North. on a random line bet. secs. 28 & 29. Va. 17° 30 E.
40.00	Set tempy 1/4 sec. cor.
80.00	Finding No trace of old c[illegible] I set sandstone 14 x 10 x 9" in the ground for cor. to secs. 20, 21, 28 & 29. marked with 2 notches on S. & 4 notches on E. edges; dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high 4 1/2 ft base alongside.
	Thence
	South. on a true line bet. secs. 28 & 29.
25.00	Foot of bench - ascend
40.00	No trace of old cor. On bu[illegible] Set sandstone 18 x 12 x 7", 10" [illegible] the ground. for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside

Re-S[illegible]

T/p. 13 N - [illegible]

00	Descend f[illegible]
00	The cor. t[illegible]
	Land. m[illegible]
	Soil. Sa[illegible]
	S[illegible]
	From cor.
	East. on a
	bet. S[illegible]
00	Set temp[illegible]
70	Intersect[illegible]
	of cor. to
	T[illegible]
	N. 89° 55' [illegible]
	bet.
	wo[illegible]
	Over nea[illegible]
35	Find pos[illegible]
	trace of o[illegible]
	post 4 ft [illegible]
	marked [illegible]
	for re-est[illegible]

Re-Survey - Subs

T. 13 N. - R. 10 W.

60 Descend from bench
00 The Cor. to Secs. 28.29.32 & 33.
Land undulating
Soil. Sandy - 2 rate
Sagebrush

From Cor. to Secs. 20.21.28 & 29.
East on a random line
bet. Secs. 21 & 28.
Va. 17° 30' E.
00 Set temp. 1/4 Sec. Cor.
70 Intersect N. & S. line 12 chs N.
of Cor. to 21.22.27 & 28.
Thence
N. 89° 55' W. on a true line
bet. Secs. 21 & 28.
with same Va.
Over nearly level ground.
35 Find post thrown down - No
trace of old Cor. - Set Cedar
post 4 ft long, 3" square, with
marked stone, 12" in the ground
for re-established 1/4 Sec. Cor.

Re-Survey - Sabds

Tp. 13 N - R. 10 W.

chs	marked 1/4s. on N. face. [illegible] pits 18 x 18 x 12" E. & W. of p[illegible] 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ [illegible] base around post.
60.00	Road. bes N. & S. Curlew to K[illegible]
80.70	The cor. to secs. 20. 21. 28 & [illegible] Land. undulating. & level Soil. Sandy - 2° rate Sagebrush

From cor. to secs. 3. 4. 9 & [illegible] West. on a random line bet. secs. 4 & 9.

Va. 17° 30' E.

40.00	Set tempy 1/4 sec. cor.
80.00	Intersect N. & S. line 34 [illegible] of old cor. - old mound, wi[illegible] shallow pits - No post - [illegible] Cedar post 4 ft long. 4" square with marked stone. 12" in th[illegible] ground. for re-established c[illegible]

BOOK-A-2

Re-Su[illegible]

Tp. 13 N - [illegible]

to secs. 4. 5. 8[illegible]
T. 13 N - [illegible]
R. 10 W - [illegible]
S. 8 on [illegible]
S. 5 on [illegible]
5 notches [illegible]
E. edges; d[illegible]
in each se[illegible]
raised a [illegible]
2 ft high. 4[illegible]
post. —
South 89° 4[illegible]
bet: [illegible]
with [illegible]
Over undu[illegible]
[illegible]00 Road. be[illegible]
[illegible]00 Find old p[illegible]
beside old [illegible]
obliterated [illegible]
4 ft long. 3" [illegible]
stone. 12" in [illegible]
established [illegible]
1/4s. on N. f[illegible]
12" E. & W. o[illegible]

Re-survey - Subds

Tp. 13 N - R. 10 W.

to secs. 4. 5. 8 + 9. marked -
T. 13 N - S. 4 on N. E.
R. 10 W - S. 9 on S. E.
S. 8 on S. W. and
S. 5 on N. W. faces; with
5 notches on S. + 4 notches on
E. edges; dug pits 18 x 18 x 12"
in each sec. 5½ ft dist. and
raised a mound of earth
2 ft high. 4½ ft base around
post. — Thence I run
South 89°45' E. on a true line
bet: secs. 4 + 9.
with same Va
Over undulating ground
00 Road. bears N. W. + S. E.
00 Find old post thrown down
beside old mound — pits
obliterated — Re-set Cedar post
4 ft long. 3" square. with marked
stone. 12" in the ground. for re-
established ¼ sec. cor. marked
¼ s. on N. face; dug pits 18 x 18 x
12" E. + W. of post. 5½ ft dist. +

Re-survey - Sub^ds

Tp. 13 N - R. 10 W.

chs	raised a mound of Ea[illegible] 1½ ft high. 3½ ft base arom[illegible] post.
80.00	The cor. to secs. 3. 4. 9 & 1[illegible]
	Land. undulating
	Soil. sandy - 2° rate
	Sagebrush

From cor. to secs. 4. 5. 8 & [illegible]
North on a random [illegible]
bet. secs. 4 & 5.
Va. 17° 30' E.

40.00	Set temp'y ¼ sec. cor.
79.66	Intersect N. boundary of T[illegible] 30 lks W. of cor. to secs. 4. [illegible] 32 & 33. which is a post 4[illegible] square. set in a mound [illegible] Earth. marked with 4 not[illegible] on E. & 2 notches on W. Ed[illegible] with other regulation mark[illegible] & pits - Thence I run S. 0° 12' W. on a true line

BOOK-A-213

Re-surv[illegible]

Tp. 13 N - R. [illegible]

bet. secs. [illegible]
with [illegible]
[illegible]0 Wash. drai[illegible]
[illegible]0 Road. bear[illegible]
[illegible]6 No trace of [illegible]
Cedar post [illegible]
with mark[illegible]
ground. for [illegible]
sec. cor. [illegible]
face: dug [illegible]
S. of post. [illegible]
a mound [illegible]
3½ ft base [illegible]
66 The cor. t[illegible]
Land. ne[illegible]
Soil. S[illegible]
Sa[illegible]

South. on [illegible]
bet. sec[illegible]
[illegible]
[illegible]0.00 Intersect [illegible]

Re-survey - Subds

Tp. 13 N - R. 10 W.

bet. secs. 4 & 5.
With same Va.
50 Wash. drains S.E.
50 Road. bears N.W. & S.E.
66 No trace of old Cor. - Set
Cedar post 3½ ft long. 3" square
with marked stone. 12" in the
ground. for re-established 1/4
sec. cor. marked 1/4 s. on W.
face: dug pits 18 x 18 x 12" N. &
S. of post. 5½ ft dist. & raised
a mound of Earth 1½ ft high.
3½ ft base around post.
66 The cor. to secs. 4. 5. 8 & 9.
Land. nearly level
Soil. Sandy - 2d rate
Sagebrush

South. on a random line
bet. secs. 8 & 9.
Va. 17° 30' E.
0.00 Intersect the 1/4 sec. cor. - Old

Re-survey - Subds

Tp. 13 N - R. 10 W.

chs	mound. with shallow p
	No post found - In old m
	Set a sandstone 16 x 12 x 5
	in the ground. for re-establi
	1/4 sec. cor. bet. secs. 8 & 9.
	Marked 1/4 on W. face;
	pits 18 x 18 x 12 N. & S. of st
	5½ ft dist. & raised a mou
	of earth 1½ ft high 3½ ft
	base alongside.
	This being the end of
	re-survey. I run
	North. on a true line
	bet. secs. 8 & 9.
	With same va.
40.00	End of re-survey
	Descending mountain sid
60.00	N. foot of mountains
80.00	The cor. to secs. 4. 5. 8 &
	Land. descending & rough
	nearly level for 20
	Soil. sandy & stony -
	2d to 4th rate
	Sagebrush

BOOK-A-21

Re- Su

Tp. 13 N -

From the
31 & 32. on
Tp. which
shallow p
Re-establis
mound s
18 x 12 x 6
for cor. to
marked w
E. & 1 nat
pits 18 x 18
5½ ft dist. &
of earth
base al
South. on
bet. se

Over mu
No trace
Cedar p
with ma
ground. f
sec. cor.
face; d

Re-Survey - Subds
Tp. 13 N - R. 10 W.

From the Cor. to Secs. 5. 6. 31 & 32, on N. boundary of Tp. which is a mound with shallow pits - No post found - Re-established Cor - In old mound set a sandstone 18 x 12 x 6". 12" in the ground for Cor. to Secs. 5. 6. 31 & 32. Marked with 5 notches on E. & 1 notch on N. edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of earth 2 ft high, 4½ ft base alongside. - From South, on true re-survey line bet. secs. 5 & 6.

Va. 17° 30' E.

Over undulating ground No trace of old Cor. - Set Cedar post 3½ ft long, 3" square, with marked stone, 12" in the ground for re-established 1/4 sec. cor. marked 1/4 S on N. face; dug pits 18 x 18 x 12" N. &

Re-survey – Subds
Tp. 13 N-R. 10 W.

S. of post. 5½ ft dist. & ra
a mound of Earth 1½ ft h
3½ ft base around post.
Land. undulating
Soil. Sandy – 2d rate
Sagebush
End of re-survey –
Oct 14 1886

General Description

The portion of this Tp
included in the re-survey
is principally level. and
rolling ground, heavily
covered with sagebush
very little grass – No timber
and no water.

Edmund Mi

Chas. J. Betts
U.S. Deputy Surv

BOOK-A-2

[4—LIST

A list of the name
oyed by Edmund
nited States deputy
ng, measuring, and
rners described in t
e survey of Tps

the Salt Lake base
ry of Utah, showin
which they acted.

Chas. S.
C. A. Pr
W
Adolph
Andrew
Harry
Lewis
J. Ja

[4—LIST OF NAMES.]

A list of the names of the individuals employed by Edmund Wilkes & Chas S. Betts United States deputy surveyors, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Tps 13 N. Rs 10 & 11 W.

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

Chas S. Wilkes, Compassman.
C. A. Prescott, Chainman.
Wm Phelps, Chainman.
Adolph Harris, Chainman.
Andrew Smith, Chainman.
Harry R Jacobs, Axeman.
Lewis A Kreighaum, Axeman.
J. Jake, Flagman.

BOOK-A-213

[5,—FINAL OAT

We hereby certify
ilkes & Chas. S.
rveyors, in re surveying
the Tps 13

the Salt Lake base
y of Utah, as are r
ld notes as having
der ~~his~~ their direction;
n in all respects, to
d belief, well and fa
rner monuments es
structions furnish
rveyor-general for

Chas. S.
C. A. Pr
Wm
Adal
Andrew
Harry
Lewis A
J. Ja

bscribed and sworn
day of Oct

U.S.

[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Edmund Miles & Chas. S. Betts United States deputy surveyors, in surveying all those parts or portions of the Tps 13 N. Rs 10 & 11 W.

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~~ their 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.

Chas S Miles, Compassman.

C A Prescott, Chainman.

Wm Phelps, Chainman.

Adolph Kaser, Chainman.

Andrew Smith, Chainman.

Harry R Jacobs, Axeman.

Lewis A Kingsbury, Axeman.

J. Jacks, Flagman.

Subscribed and sworn to before me this 16th day of Oct 1886

C. S. Betts
U.S. Dep'y Surveyor

(6.—FINAL OATH OF UNIT

Ye, Edmund

ited States depu

ear that in pursua

m Richa

ited States survey

date of the 24

36, have well, f

n proper persons an

instructions furn

rveyor-general for

l and the laws of t

those parts or por

Tps 13 N

d meridian in th

presented in the fo

en surveyed by

d do further sole

rs of said survey

rpetuated in stri

ying manual, prin

itten instruction

yor-general for Ut

(6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.)

We, Edmund Wilkes & Chas S Betts
ited States deputy surveyors, do solemnly
ear that in pursuance of instructions received
om Richmond S Dennis
ited States surveyor-general for Utah, bear-
g date of the 24th day of June
86, ~~I~~ have well, faithfully, and truly, in ~~my~~ our
n proper persons and in strict conformity with
e instructions furnished by the United States
rveyor-general for Utah, the surveying man-
l and the laws of the United States, re surveyed
those parts or portions of
Tps 13 N. Rs 10 + 11 W.

of Salt Lake base
d meridian in the Territory of Utah, as are
presented in the foregoing field notes as having
en re surveyed by ~~me~~ us and under ~~my~~ our directions;
d ~~I~~ we do further solemnly swear, that all the cor-
rs of said survey have been established and
rpetuated in strict accordance with the sur-
ying manual, printed instructions, the special
itten instructions of the United States sur-
yor-general for Utah, and in the specific man-

ner described in the field notes, and that the
going are the **TRUE** field notes of such re sur
and, should any fraud be detected, ~~I~~ we will s
the penalty of perjury, under the provision
an act of Congress, approved August 8, 1846

Edmund Wilk
Chas. S. Betts

United States Deputy Surv

Subscribed and sworn to before me this 19
day of August 1887

Chas S Wilks
Notary Pu

BOOK-A-213

S. SURVEYOR GENERA

Salt Lake City, Ut

The foregoing field no

Subdiv

ownship No. 13 N

f the Salt Lake Meridian

Edmund Wil

Under Contract No. 13

ay of June

October

xamined, the necessary

nade, the said field note

re hereby approved.

Will

U.

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st 1887

The foregoing field notes of the re survey of the

Subdivisions

ownship No. 13 N Range No. 10 W

f the Salt Lake Meridian. Executed by

dmund Wilkes & C. S. Betts

Under Contract No. 139 of the 24th

ay of June 1886, in the month of

October 1886, having been critically

xamined, the necessary corrections and explanations

made, the said field notes, and the surveys they describe

are hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-21

EPORT:

led

amined by John

anscribed by Jenn

mpared by

FIELD

OF THE SU

Subdi

ownship No. 13

ange No. 10

SALT LAK

UTAH

AS S

E. Wiles

U. S. D

Under his Contra

ated June

urvey commenced

urvey completed

30.

BOOK-A-213

387

EPORT:

led 188

amined by John H. Campe

anscribed by Jennie V. Bonnsau

mpared by J. P. Horton and H. R. M. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

ownship No. 13 North

ange No, 10 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24 1886

urvey commenced Oct 15 1886

urvey completed " 16 1886

30.

18

NAMES AND DUTIES OF ASSISTANTS

Chas. S. Wilkes	Compassm
Chas. A. Prescott	Chainman
Wm. H. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-21

Subo
of West
Tp. 13 N-R.

Surv
Oct. 15th 18
Abraham
Theodoly
This surv
in connect
of adjoinin
From
28 & 29. Se
This contra
North bet
T
Foot of risin
At foot of
Edge of Ca
post 4 ft l
marked
ground. f
1/4s on W. f
12 N. & S. of
raised a m
1½ ft high.
post.
Up rugg

Subdivision
of West part of
No. 13 N. R. 10 W. S. L. Mer.

Survey commenced
Oct. 15th 1886. with an
Abraham's Improved
Theodolyte.
This survey was made
in connection with re-survey
of adjoining secs. on the East.
Town Cor. to secs. 20. 21.
28 & 29. set by me under
this contract. — I run
North bet. secs. 20 & 21.
Va. 17° 30' E.
00 Foot of rising & broken ground.
00 At foot of mountains. South
edge of Cedars. Set Cedar
post 4 ft long. 4" square. with
marked stem. 12" in the
ground. for 1/4 sec. cor. marks
1/4s on W. face; dug pits 18 x 18 x
12" N. & S. of post. 5½ ft dish. &
raised a mound of Earth
1½ ft high. 3½ ft base around
post.
Up rugged Mountain side.

Subns

T/p. 13 N - R. 10 W.

Chs 80.00	On divide. bes E. & W. - Se[illegible] sandstone 20×10×5. 15[illegible] the ground. for cor. to [illegible] 16. 17. 20 & 21. Marked wi[illegible] 3 notches on S. & 4 notch[illegible] on E. edges: dug pits 18×1[illegible] 12 in each sec. 5½ ft dis[illegible] raised a mound of ear[illegible] 2 ft high 4½ ft base along [illegible] Land. broken & mountainou[illegible] Soil. sandy & rocky - 3d & 4th rate Sagebrush
	East. on a random line bet. secs. 16 & 21. Va. 17° 30' E.
40.00	Set temp'y 1/4 sec. cor.
80.44	Intersect N. & S. line 10 lk. [illegible] of cor. to secs. 15. 16. 21 & 22. Thence S. 89° 56' W. on a true line

BOOK-A

Su[illegible]

T/p. 13 N -

Chs	bet. [illegible] with
	Ascend o[illegible]
.22	Set sand[illegible] the groun[illegible] marked [illegible] pits 18×18[illegible] 5½ ft dist. Earth 1½[illegible] along [illegible]
.00	Top of r[illegible]
5.00	Hollow.
.44	The cor. [illegible] Land. rok[illegible] Soil. sa[illegible] 3d [illegible] Sagebrus[illegible]
	North. [illegible]
	Over bro[illegible]
.00	In broa[illegible]

Tp. 13 N-R. 10 W.

bet. secs. 16 & 21.
with same Va.
Ascend over broken ground
.22 Set sandstone 14×10×8". 8" in
the ground. for 1/4 sec. cor.
marked 1/4 on N. face: dug
pits 18×18×12" E. & W. of stone.
5½ ft dist. & raised a mound of
Earth 1½ ft high. 3½ ft base
alongside.
.00 Top of ridge. bears N. & S.
5.00 Hallow. drains S.
.44 The cor. to secs. 16. 17. 20 & 21.
Land. rolling & mountainous
Soil. sandy & rocky-
3d & 4th rate
Sagebrush & scattering cedars

North. bet. secs. 16 & 17.
Va. 17° 30' E.
Over broken & rocky ground
.00 In broad hallow. drs E. Set

Subds

Tp. 13 N - R. 10 W.

chs	sandstone 20×10×6". 15
	the ground. for 1/4 sec. cor.
	marked 1/4 on W. face; dug
	pits 18×18×12" N. & S. of stone
	5½ ft dist. & raised a mound
	of Earth 1½ ft high. 3½ ft
	base alongside
	Thence along E. slope of
	high ridge, bns N. & S.
80.00	On E. slope, set flint stone
	20×12×5" 15" in the ground
	for cor. to secs. 8. 9. 16 & 17.
	marked with 4 notches on
	& E. edges; dug pits 18×18×
	in each sec. 5½ ft dist. and
	raised a mound of Earth
	2 ft high. 4½ ft base alongside.
	Land. Mountainous & broken
	Soil. Sandy & rocky
	3d & 4th rate
	Sagebrush

BOOK-A-2

Su

Tp. 13 N

chs	East. on
	bet.
00	Set temp
36	Intersect
	to secs. 9.
	T
	West. on
	bet.
	Wi
	Over ris
18	Set sand
	in the gro
	marked
	pits 18×18
	5½ ft dist.
	of Earth
	base al
0	Ridge, b
	Broad h
6	The cor.
	Land. ra
	Soil. sa
	Sa

Subs

To. 13 N - R. 10 W.

East. on a random line
bet. Secs. 9 & 16.
Var. 17° 30' E.
00 Set temp. 1/4 sec. cor.
36 Intersect N.S. line at cor.
to secs. 9. 10. 15 & 16.
Thence
West. on a true line
bet. Secs. 9 & 16.
With same Var.
Over rising & broken ground.
18 Set sandstone 15 x 9 x 7", 8"
in the ground, for 1/4 sec. cor.
marked 1/4 on N. face; dug
pits 18 x 18 x 12" E. & W. of stone.
5 1/2 ft dish. & raised a mound
of earth 1 1/2 ft high, 3 1/2 ft
base alongside
20 Ridge, bears N. & S.
Broad hollow, drains N.
26 The cor. to secs. 8. 9. 16 & 17.
Land, rolling & rough.
Soil, sandy & stony - 3rd & 4th rate
Sagebrush

Subds

T/p. 13 N - R. 10 W.

chs	
	North. on a random line bet. secs. 8 & 9. Va. 17° 30' E.
40.00	Intersect the 1/4 sec. cor. bet. secs. 8 & 9. 15 lks E. - this being the end of re-survey, which was re-established by me under contract No. 139 from which I run S. 0° 13' E. on a true line bet. secs. 8 & 9. With same Va.
40.00	End of re-survey.
50.00	Along E. hill-side, west of broad hollow. drains N.
80.00	The cor. to secs. 8. 9. 16 & Land. mountainous Soil. sandy & stony - 3d & 4th rate Sagebrush

Su

T/p. 13 N

chs	
	Cor secs. 5. 6 bounda a congl x 5". mar on E. & 1 with reg & pits — North
	Over lev
40.00	Set sand in the gr marked pits 18 x 5½ ft dist. of Earth base a
70.00	Ascend
80.00	Set sand in the gr secs. 29. with 17

Subds

Tp. 13 N. R. 10 W.

Commence at cor. to secs. 5. 6. 31 & 32. on S. boundary of Tp. which is a conglomerate stone 20 x 10 x 5". marked with 5 notches on E. & 1 notch on W. Edges, with regulation mound & pits — Thence S. mn North bet secs. 31 & 32.
Va. 17° 30' E.

Over level ground

40.00 Set sandstone 15 x 10 x 8". 8" in the ground, for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside

70.00 Ascend 5°

80.00 Set sandstone 26 x 12 x 6". 18" in the ground. for cor. to secs. 29. 30. 31 & 32. marked with 1 notch on S. & 5 notches

Subds

T/o 13 N. R. 10 W.

chs	on E. edges; dug pits 18 × 12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high. 4½ ft base alongside.
	Land, level 70 chs - rising 30
	Soil, alluvial & sandy - 2d rate
	Sagebrush
	East. on a random line bet secs. 29 & 32. Va. 17° 30' E.
40.00	Set temp'y ¼ sec. cor.
80.00	Intersect N. & S. line 20 lks N. of cor. to secs. 28, 29, 32, 33. — Thence
	N. 89° 51' W. on a true line bet. secs. 29 & 32 with same Va.
	Along rising ground
40.00	On S. slope of hill - rises 5°
	Set sandstone 15 × 8 × 6" 10

BOOK-

Sa

T/o. 13

chs	in the
	marked
	pits 18
	5½ ft di
	of Eart
	base
17.50	Road.
0.00	The co
	Land.
	Soil.
	West.
	le
40.00	Set te
80.00	Intersi
	14 lks
	25 & 36
	Meder
	S. 89° 54

T/p. 13 N-R. 10 W.

chs	in the ground for 1/4 sec Cor. marked 1/4 on N. face; dug pits 18×18×12" E. & W. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside
17.50	Road. bs N.E. & S.W.
20.00	The Cor. to secs. 29. 30. 31 & 32.
	Land. rolling
	Soil. Sandy - 2^d rate
	Sagebrush.

	West. on a random line bet. secs. 30 & 31.
	Va. 17°30' E.
40.00	Set temp'y 1/4 sec. Cor.
80.00	Intersect W. boundary of T/p. 14 lks S. of Cor. to secs. 30. 31. 25 & 36. N. established by me under this contract -
	Thence
	S. 89°54' E. on a true line bet. secs. 30 & 31.

Sub^ns

T/p. 13 N-R. 10 W.

Chs	
	with same Va.
12.00	Foot of bench. bs N & S. 12° ascent
35.00	Top of bench
40.00	Set sandstone 20×10×5" 15 in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18×18×12" E. & W. of stone 5½ ft dist. & raised a mound of Earth. 1½ ft high 3½ ft base alongside.
	Thence over rolling ground
80.00	The cor. to secs. 29. 30. 31 & 32
	Land. rolling & bench
	Soil. sandy - 2d rate
	Sagebrush

North. bet. secs. 29 & 30.
Va. 17° 30' E.

23.00	Top of rise — Rolling
40.00	Set sandstone 15×8×6" 8" in the ground. for 1/4 sec. cor. marked 1/4 on W. face: dug

BOOK

T/p. 13

	pits 18×
	5½ ft dis
	Earth 1
	base a
.00	Set San
	in the g
	19. 20. 2
	2 Notch
	on E. E
	18×12"
	dist. &
	Earth.
	alongs
	Land.
	Soil.

East.
bet

.00	Set te
.16	Intersec
	to secs.

Subs

Tp. 13 N. R. 10 W.

pits 18×18×12" N. & S. of stone, 5½ ft disk, & raised a mound of Earth 1½ ft high, 3½ ft base alongside

Set Sandstone 24×10×10", 18" in the ground, for Cor. to Secs. 19, 20, 29 & 30. Marked with 2 Notches on S. & 5 Notches on E. Edges; Dig pits 18×18×12" in Each Sec. 5½ ft disk, & raised a mound of Earth, 2 ft high 4½ ft base alongside.

Land, rolling & level
Soil, sandy – 2nd rate
Sagebrush

Each. on a randomline bet. Secs. 20 & 29.
Va. 17° 30' E.

Set temply 1/4 Sec. Cor. Intersect N. & S. line at Cor. to Secs. 20, 21, 28 & 29. – Thence

Subds

T/o. 13 N - R. 10 W.

chs	
	West on a true line bet. secs. 20 + 29. with same Va.
	Over rolling ground
40.08	Set sandstone 20 + 10 + 6" 1[illegible] in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18 + 18 + 12" E. + W. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ base alongside
	Ascend gradually
76.50	Road. bos N.W. + S.E.
80.16	The cor. to secs. 19. 20. 29 + [illegible]
	Land. rolling
	Soil. sandy - 2 rate Sagebrush

	West on a random line bet. secs. 19 + 30. Va. 17° 30' E.
40.00	Set temp 1/4 sec. cor.
80.20	Intersect W. boundary of [illegible]

BOOK-A-2[illegible]

T/o. 13 [illegible]

chs	
	15 lks N. [illegible] set by me[illegible] 24 + 25. N. 89° 54' [illegible] bet. [illegible] wi[illegible]
	Over mu[illegible]
10.20	Set sand[illegible] in the gro[illegible] marked [illegible] pits 18 + [illegible] 5½ ft dist[illegible] of Earth [illegible] base a[illegible]
0.00	Ascend & [illegible] ridge of [illegible]
0.20	The cor. [illegible]
	Land. r[illegible]
	Soil. [illegible]

North. [illegible]

Ascend - [illegible]

Subns

P/c. 13 N. R. 10 W.

chs	15 lks N. of cor. to secs. 19. 30. 24 & 25. set by me under this contract. Thence
	N. 89°54' E. on a true line bet. secs. 19 & 30. with same Va.
	Over undulating ground
10.20	Set sandstone 24 x 20 x 10", 18" in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.
0.00	Ascend & run along near ridge of rocks dec'dg S.
0.20	The cor. to secs. 19. 20. 29 & 30.
	Land. rolling
	Soil. sandy - 2 rate
	Sagebush

North. bet secs. 19 & 20.
Va. 17°30' E.
Ascend - rising 6°

Subns

Tp. 13 N. R. 10 W.

chs	
5.00	Road - bes N.W. & S.E.
40.00	Set sandstone 16 x 8 x 6". 12 in the ground, for 1/4 sec. co marked 1/4 on W. face: dug pits 18 x 18 x 12" N. & S. of sta 5 1/2 ft dist. & raised a mound of Earth, 1 1/2 ft high 3 1/2 base alongside. (Set on top of rise
	Descend 2° N.
80.00	Set sandstone 16 x 10 x 6". 1 in the ground for cor. to secs. 17, 18, 19 & 20. marked with 3 notches on S. & 5 notches on E. Edges: dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. & raised a mound of Earth 2 ft high 4 1/2 ft base alongside
	Land, rolling
	Soil, sandy & some stony
	2d & 3d rate
	Sagebrush

BOOK-A

Tp. 13

chs	
	Each.
	be
6.00	Set te
6.24	Intersec
	S. of co
	S. 89° 50'
	bet
	w
	Over br
10.12	On slop
	Set san
	in the g
	marke
	pits 18 x
	5 1/2 ft dis
	of Earth
	base a
5.00	Top of
1.24	The co
	Land,
	Soil.

Subds

Tp. 13 N - R. 10 W.

Chs	
	East. on a random line bet. secs. 17 & 20. Va. 17° 30' E.
10.00	Set temp'y 1/4 sec. cor.
10.24	Intersect N. & S. line 25 lks S. of cor. to secs. 16. 17. 20 & 21. Thence
	S. 89° 50' W. on a true line bet. secs. 17 & 20 with same Va.
	Over broken high ground
10.12	On slope. 5° E. —
	Set sandstone 20 x 14 x 6". 15" in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone, 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside.
15.00	Top of low Ridge. bes N. & S.
15.24	The cor. to secs. 17. 18. 19 & 20.
	Land, broken & hilly
	Soil. Sandy & stony — 2d to 4th rate Sagebush

Subs

Tp. 13 N. R. 10 W.

Chs	
	West. on a random line
	bet. secs. 18 & 19.
	Va. 17° 30' E.
40.00	Set temply 1/4 sec. cor.
80.32	Intersect W. boundary of Tp.
	12 lks N. of Cor. to secs. 18,
	Set by mistake this contract.
	13 & 24. Thence
	N. 89° 55' E. on a true line
	bet. secs 18 & 19.
	with same Va.
	Ascend steeply
2.00	Top of rocky slide - N.F.
	Descend S° E.
8.00	Ascend 8° E.
38.00	Top of ridge. bs N. & S.
40.32	Set sandstone 16 x 9 x 7". 12
	in the ground for 1/4 sec. co
	marked 1/4 on N. face: dig
	pits 18 x 18 x 12" E. & W. of sto
	5 ft dist. & raised a mound
	of Earth 1 ft high. 3 ft
	base alongside
50.00	Hallow. ore S. M.
	Ascend over broken ground

Su

Tp 13

Chs	
80.32	The Cor
	Land.
	Soil.

North

	Descen
2.00	Hallow
2.00	Set Co
	Square.
	12" in th
	Cor. ma
	Dig pits
	Rock. 5
	Mound
	3 ft to ba
4.00	Hallow
4.00	Low ri
6.00	Hallow
8.00	Set Cor

Subds

T/S 13 N-R-10 W.

Chs	
0.32	The Cor. to Secs. 17, 18, 19 & 20.
	Land. broken & hilly
	Soil. sandy & rocky-
	3d & 4th rate
	Sagebrush

North bet. secs. 17 & 18.
Va. 17° 30' E.

Descend 3°

0.00	Hollow - dms N.W.
0.00	Set Cedar post 4 ft long. 4" square, with marked stone. 12" in the ground for 1/4 sec. Cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of post. 5½ ft dist. & raised a mound of Earth. 1½ ft high 3½ ft base around post.
6.00	Hollow - dms W.
4.00	Low ridge - descs W.
6.00	Hollow - dms W.
0.00	Set sandstone 30 x 18 x 10"

Subds

T/s. 13 N. R. 10 W.

Chs	
	22" in the ground for cor. to secs. 7. 8. 17 & 18. Marked with 4 notches on S. & 5 notches on E. Edges. Dug pits 18 x 18 x 12" in Each sec. 5½ ft dist. & raised a mound of Earth 2 ft high. 4½ ft base alongside (set on hill) Land. hilly & rough Soil. Sandy & rocky 3d & 4th rate Sagebrush
	East. on a random line bet. secs. 8 & 17. Va. 17° 30' E.
40.00	Set temp'y ¼ sec. cor.
80.16	Intersect N. & S. line 23 lks S. of cor. to secs. 8. 9. 16 & 17. Thence S. 89° 50' W. on a true line bet. secs. 8 & 17.

BOOK-A-213

Su

T/s 13

Chs	
	wit
11.00	Top of
27.00	Hollow
40.08	On slop
	Set Sa
	in the g
	Marked
	pits 18
	5½ ft dis
	of Earth
	base
43.00	Rocky
60.00	Foot of
77.00	Top of
80.16	The Co
	Land.
	Soil.
	West.
	bet

BOOK-A-213

Subs

T. 13 N. R. 10 W.

Chs	
	with Range Va.
11.00	Top of ridge. brs N. & S.
27.00	Halcon - drains N.
40.08	On slope of ridge. brs N. & S. Set sandstone 18 x 10 x 5. 12" in the ground for 1/4 sec. cor. Marked 1/4 on N. face; dug pits 18 x 18 x 12" E. & W. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.
43.00	Rocky cliffs. N.W. & S.E.
60.00	Foot of hill
77.00	Top of do — descend
80.16	The cor. to secs. 7, 8, 17 & 18.

Land. broken & stony - Soil. sandy & stony - 3rd & 4th rate Sagebrush

West. on a random line bet. secs. 7 & 18. Va. 17° 30' E.

Subds

T/s. 13 N - R. 10 W.

Chs	
40.00	Set temp'y 1/4 sec. cor.
80.38	Intersect W. boundary of T/s 16 lks N. of cor. to secs. 7. 18. 12 + 13. set by me under This contract —
	Thence
	N. 89°53' E. on a true line bet. secs. 7 + 18.
	With same Va.
	Over rolling ground
40.38	Set sandstone 12 + 12 + 7" 8" in the ground for 1/4 sec. Cor. marked 1/4 on N. face; Dug pits 18 + 18 + 12" E. & W. of stone 5 1/2 ft dist & raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside.
61.00	Foot of hill
	Ascend
80.38	The cor to secs. 7. 8. 17 + 18.
	Land. rolling
	Soil. sandy & stony — 3 & 4th rate
	Sagebrush

BOOK-A-213

T/s. 1

Chs	
	Nor
	over m
0.00	Foot of
7.00	Top of
10.00	Set san
	in the g
	marke
	pits 18
	5 1/2 ft dis
	of Ear
	base a
	Thence
0.00	Set ced
	Square.
	12" in th
	secs. 5.
	T. 13
	R. 10
	S. 7
	S. 6
	5 notch
	dug pit
	sec. 5 1/2

Subds

Tp. 13 N-R. 10 W.

	North bet secs. 7 & 8.
	Va. 17° 30' E.
	over undulating rising ground
0.00	Foot of hill
7.00	Top of cliff bs N.W. & S.E.
10.00	Set sandstone 14×10×6". 8" in the ground for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18×18×12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside
	Thence undulating ground-
0.00	Set cedar post 4 ft long. 4" square. with marked stone. 12" in the ground for cor. to secs. 5.6.7 & 8. marked-
	T. 13 N- S. 5 on N.E.
	R. 10 W. S. 8 on S.E.
	S. 7 on S.W. and
	S. 6 on N.W. faces. with 5 notches on S. & E. Edges; dug pits 18×18×12" in Each sec. 5½ ft dist. & raised a

Subds

T/p 13 N - R 10 W.

Chs	mound of Earth 2 ft high 4½ ft base around post. Land. hilly & level Soil. Sandy & Stony 3d & 4th rate Sagebrush
	East, on a random line bet. secs. 5 & 8. Va. 17° 30' E.
40.00	Set temp'y 1/4 sec. cor.
80.20	Intersect N. & S. line 17 lks S. of cor. to secs. 4. 5. 8 & 9. Thence S. 89° 53' W. on a true line bet. secs. 5 & 8. with same Va.
30.00	Foot of ridge
40.10	On ridge. bis N.W. S.E. Set Sand Stone 20 x 14 x 6" 16 in the ground. for 1/4 sec. cor. Marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5½ ft dist. & raised a mound

BOOK-A-21

Su

T/p. 13 N

Chs	of Earth
	base a
.00	Foot of l
.20	The cor.
	Land. r
	Soil.
	West. on
	bet.
.00	Set tem
.41	Intersec
	at cor. to
	by me m
	East. on
	bet
	Over n
.41	Set San
	in the g

Subs

No. 13 N. R. 10 W.

of earth 1½ ft high. 3½ ft
base alongside.
.00 Foot of low ridge
.20 Thence to sec. 5. 6. 7 & 8.
Land. rolling. & level.
Soil. sandy - 2nd rate
Sagebrush

West. on a random line
bet. secs. 6 & 7.
Va. 17° 30' E.
.00 Set temp. 1/4 sec. cor.
.41 Intersect W. boundary of Tp.
at cor. to secs. 6. 7. 1 & 12. set
by me under this contract.
Thence
East. on a true line
bet. secs. 6 & 7.
With same Va.
Over nearly level ground
.41 Set sandstone 18 x 10 x 10", 12"
in the ground. for 1/4 sec. cor.

Subds

Tp. 13 N - R. 10 W.

Chs	marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5 1/2 ft dist. & raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside.
80.41	The Cor. to secs. 5. 6. 7 & 8. Land. nearly level Soil. sandy - 2° rate Sagebrush
	North. on a random line bet. Secs. 5 & 6. Va. 17° 30' E.
40.00	Intersect the 1/4 sec. cor. bet secs. 5 & 6. 17 links E. - this being the end of re-survey which was re-established by me under contract No. 13[illegible] from which I run S. 0° 15' E. on a true line bet. Secs. 5 & 6. with same Va.

BOOK-A-21

Su

Tp. 13 N

End of r
The cor.
Land.
Soil.

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Tp. 13 N. R. 10 W.

End of re-survey.
The cor. to secs. 5. 6. 7 & 8.
Land. rolling
Soil. sandy - 2 rate
Sagebrush
Oct 15 1886

General Description

Of the land included in this survey, secs. 31 & 32 are undulating. The balance is hilly, rough and mountainous, with good intervals between rocky ridges - Nearly all covered with a heavy growth of sagebrush - some dwarf cedars in the hills - No other timber, & no water.

Edmund Wilke
Chas. J. Betts
U.S. Dep. Surv.

BOOK-A-213

/ 2

[4—I

A list of the n
oyed by Edmun
nited States depu
ing, measuring,
rners described i
e survey of the
Subdivisions o
ract 7N. Rs 10
N. Rs 10 & 11 W. —
N. R. 12 W & frac
11 N. Rs 10 & 1
Fractional 15 N
f the Salt Lake b
ory of Utah, show
which they acted.

Chat
Chas A
Adolfa
Andrew
Wm W.
Harry
Lewis A
J. J

BOOK-A-213
1410

[4—LIST OF NAMES.]

A list of the names of the individuals em-
oyed by Edmund Wilkes & Chas. S. Betts
nited States deputy surveyor, to assist in run-
ing, measuring, and marking the lines and
rners described in the following field notes of
e survey of the Exterior lines and
Subdivisions of Tps 7 N. R. 12 W. and
fract 7 N. Rs 10 & 11 W. – 8 N. R. 12 W. & fract
N. Rs 10 & 11 W. – 9 N. R. 12 W. & fract 9 N. R 11 W. –
N. R. 12 W. & fract 10 N. R. 11 W. – Fractl
11 N. Rs 10 & 11 W. – Parts of 13 N. Rs 10 & 11 W. –
Fractional 13 – N. R. 11 W.
f the Salt Lake base and meridian in the Terri-
ory of Utah, showing the respective capacities in
hich they acted.

Chas S. Wilkes, *Compassman*
Chas A. Prescott, *Chainman*
Adolph Harris, *Chainman*
Andrew Smith, *Chainman*
Wm. H. Phelps, *Chainman*
Harry R. Jacobs, *Axeman*
Lewis A. Kingbaum, *Axeman*
J. Jake, *Flagman.*

[5,—FINAL OAT

We hereby certify t
ilkes & Chas. S. B
rveyors in surveying
the Exterior lines
12 W. & fract 7 N. Rs 10
Rs 10 & 11 W. - 9 N. R.
N. R. 12 W. & fract 10
& 11 W. - parts of 13 N.
the Salt Lake base a
ry of Utah, as are re
ld notes as having
nder ~~his~~ their direction;
en in all respects, to
d belief, well and fa
rner monuments es
structions furnish
rveyor-general for

Chas. S. B

C. A. Pre

Wm

Adalb

Andre

Harry

Lewis A.

J. Ja

bscribed and swor
day of Oct

N.

[5,—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Edmund
ilkes & Chas S. Betts United States deputy
rveyors in surveying all those parts or portions
the Exterior lines & Subdivisions of Tps 7 N.
12 W. & fract 7 N. Rs 10 & 11 W. — 8 N. R. 12 W. & fract'l
N. Rs 10 & 11 W. — 9 N. R. 12 W. & fract 9 N. R. 11 W. —
N. R. 12 W. & fract 10 N. R. 11 W. — Fract 11 N. Rs
11 W. — Parts of 13 N. Rs 10 & 11 W. Fract 15 N. R. 11 W.
the Salt Lake base and meridian in the Terri-
ry of Utah, as are represented in the foregoing
ld notes as having been surveyed by them and
ader ~~his~~ their direction; and that said survey has
en in all respects, to the best of our knowledge
d belief, well and faithfully surveyed, and the
rner monuments established according to the
structions furnished by the United States
rveyor-general for Utah.

Chas S. Wilkes, Compassman.

C. A. Prescott, Chainman.

Wm Phelps Chainman.

Adalph Harris Chainman.

Andrew Smith, Chainman.

Harry R. Jacobs, Axeman.

Lewis A. Kingham Axeman.

J. Jake, Flagman.

ubscribed and sworn to before me this 16
day of October 1886

Chas S. Betts
U.S. Dep'y Surveyor

BOOK-A-21

(6.—FINAL OATH OF UNITE

t, Edmund

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date of the 24

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n proper persons, an

instructions furn

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those parts or port

Subdivisions of

s 10 & 11 W. – 8 N. R.

N. R. 12 W. & fract

fract. 10 N. R. 11

W. – Parts of

nd fractional

d meridian in th

presented in the fo

en surveyed by ~~m~~ us

nd ~~I~~ We do further sole

ers of said survey

erpetuated in stri

eying manual, prin

ritten instructions

eyor-general for Ut

(6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.)

I, Edmund Wilkes & Chas S Betts
ited States deputy surveyors, do solemnly
ar that in pursuance of instructions received
m Richmond S Dumont
ited States surveyor-general for Utah, bear-
date of the 24th day of June
9, We have well, faithfully, and truly, in ~~my~~ our
n proper persons, and in strict conformity with
instructions furnished by the United States
rveyor-general for Utah, the surveying man-
l and the laws of the United States, surveyed
those parts or portions of the Exterior lines
Subdivisions of Tps 7 N. R. 12 W. & fract 7 N.
s 10 & 11 W. — 8 N. R. 12 W. & fract 8 N. Rs 10 & 11 W. —
N. R. 12 W. & fract 9 N. R. 11 W. — 10 N. R. 12 W.
fract 10 N. R. 11 W. — Fract'l 11 N. Rs 10 &
W. — Parts of Tps 13 N. Rs 10 & 11 W. —
nd fractional Tp 15 N. R. 11 W.
of Salt Lake base
nd meridian in the Territory of Utah, as are
presented in the foregoing field notes as having
en surveyed by ~~me~~ us and under ~~my~~ our directions;
nd ~~I~~ we do further solemnly swear, that all the cor-
ers of said survey have been established and
erpetuated in strict accordance with the sur-
eying manual, printed instructions, the special
ritten instructions of the United States sur-
eyor-general for Utah, and in the specific man-

ner described in the field notes, and that the f
going are the **TRUE** field notes of such sur
and, should any fraud be detected, ~~I~~ we will su
the penalty of perjury, under the provisions
an act of Congress, approved August 8, 1846.

Edmund Wilkes
Chas. S. Betts
United States Deputy Survey

Subscribed and sworn to before me this 19
day of August 1881

Chas. S. Wilkes
Notary Pu

BOOK-A-213

S. SURVEYOR GENE

Salt Lake City

The foregoing field
Subdiv

Township No. 13 No

f the Salt Lake Merid
Wilkes Ave

Under Contract No.

day of June
Oct 15th

examined, the necessa

made, the said field n

are hereby approved.

W

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Augt 31st 1887

The foregoing field notes of the ..... *survey of the* Subdivision

Township No. 13 North *Range No.* 10 West

of the Salt Lake Meridian. Executed by E Wilkes and C. S. Betts

Under Contract No. 140 *of the* 24th

day of June *1886, in the month of* Oct 15th *1886, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

William G. Brownson

U. S. Surveyor General for Utah.

6

422

BOOK-A-213

EPORT:

led

xamined by John

ranscribed by KATE R

ompared by

FIEL

OF THE SU

West

Township No. 13

Range No.

SALT LA

UTAH

AS

E. Willes

U. S.

Under his Contr

Dated June

Survey commenced

Survey completed

31.

BOOK-A-213 423

EPORT:

iled 188

xamined by John H. Campe

ranscribed by KATE BOWMAN.

ompared by G. P. Norton and H. M. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

Township No. 13 North

Range No. 11 West

OF THE

SALT LAKE MERIDIAN.

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Willes and C. S. Betts

U. S. Deputy Surveyor,

Under ~~his~~ Contract No. 139

Dated June 24 1886

Survey commenced Oct 6 1886

Survey completed Oct 6 1886

31. 10

NAMES AND DUTIES OF ASSISTANTS.

Chas S. Wilkes	Compassman
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Owing t
distance
Public
or Justic
We wer
to Swea
Men
Where

Owing to the extreme distance to a Notary Public County Clerk or Justice of the Peace We were compelled to swear our own Men in the field Where we organized

Edmund Wilkes.

Chas. S. Betts

U S Deputy

List of in
in the ex
No 139 a

1 Pick
with Sol

1 Phi
Theodol

2-50 L
Steel

1 100 La
Steel c

22 Gon

4 Su

1 50 ft

2 Pick

2 Sho

List of instruments used in the execution of Contract No 139 dated June 24 1886

1 Pike & Lodey Transit with Solar attatchment

1 Abrahams improved Theodolite

2 - 50 Link Braged Link Steel Chains

1 100 Link Braged link Steel chain.

22 Iron Pins

4 Surveyors Flags

1 50 ft Metalic Taper

2 Picks

2 Shovels

2 Marking hammers

2 Scribes (Timber)

2 Plumb Bobs for chainmen

2 Axes—

The above instruments were Examined and approved by the U S Surveyor General Salt Lake City August 13th & 24. 1886—

Also tested and adjusted by us Each Monday follo

Edmund Wicker

Chas. S. Betts

U S Dep Surv

BOOK-A-2

[1.—PRELIMINA

I, Chas,

solemnly swear

rform the duties

instructions give

ill and ability, in

Tps 13 N. R

the Salt Lake ba

tory of Utah.

Chas,

bscribed and sw

ay of Augu

N

[SEAL.]

[1.—PRELIMINARY OATH OF COMPASSMAN.]

I, Chas. S. Wilkes,

o solemnly swear that I will well and truly erform the duties of Compassman, according instructions given me, and to the best of my ill and ability, in the re survey of the

Tps 13 N. Rs 10 & 11 W.

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

Chas. S. Wilkes, Compassman.

ubscribed and sworn to before me, this 1st ay of August 1886

Chas. S. Betts

U. S. Dep'y Surveyor

[SEAL.]

BOOK-A-213

[2.—PRELIMINA

We, C A Pres

d Adolph M

solemnly swear th

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Wm

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Andre

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day of Aug

BOOK-A-213 / 39

[2.—PRELIMINARY OATH OF CHAINMEN.]

We, C. A. Prescott & Wm W Phelps

and Adolph Harris & Andrew Smith

solemnly swear that we will well and faithfully execute the duties of chain carriers; that will level the chain upon even and uneven ound and plum the tally pins, either by sticking or dropping the same; that we will report e true distance to all notable objects, and the e length of all lines that we assist in measuring, to the best of our skill and ability, and in cordance with instructions given us, in the rvey of the Tps 13 N. Rs 10 & 11 W.

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

C. A. Prescott, Chainman.

Wm W Phelps, Chainman.

Adolph Harris, Chainman.

Andrew Smith, Chainman.

ubscribed and sworn to before me this 14 day of August 1886

Chas S. Betts

U. S. Dep Surveyor

BOOK-A-213

[3.—PRELIMINAR

We, Ham

d Lewis S

solemnly swear th

form the duties of

nt of corners and

tructions given us

d ability, in the re su

T/00 13 N.

the Salt Lake bas

ry of Utah.

Har

L A

ubscribed and swo

day of Au

2

[3.—PRELIMINARY OATH OF AXEMEN.]

We, Harry R Jacobs
and Lewis A Kingsbury
solemnly swear that we will well and truly
form the duties of axemen, in the establish-
nt of corners and other duties, according to
tructions given us, and to the best of our skill
d ability, in the survey of
Tps 13 N. Rs 10 + 11 W.

the Salt Lake base and meridian in the Terri-
ry of Utah.

Harry R Jacobs, Axeman.
L A Kingsbury, Axeman.

ubscribed and sworn to before me this 14
day of August 1886
Chas S. Betts
U. S. Dpty Surveyor

BOOK-A-21

Re-Survey
West
Tp. 13 N. 1

Sur.
Oct. 6 78
Abraham
Theodo
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to secs. 7.
boundary
cedar po
mound of
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2 notch
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North o
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Set temp
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chains,
.00 Intersect
at old
Rs 11 & 12
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BOOK-A-213

Re-Survey of the N. 2 Miles of
West Boundary,
Tp. 13 N. R. 11 W. S. L. Mer.

Survey Commenced
Oct. 6th 1886. with an
Abraham's Improved
Theodolyte.

I begin at the old Cor.
to Secs. 7, 12, 13 & 18, on west
boundary of Tp. which is a
cedar post standing in a
mound of Earth, marked
with 4 notches on S. and
2 notches on N. Edges, with
other regulation marks, &
pits —

Thence I run
North on a random line
Set. Rs 11 & 12 W.
Va. 17° 30' E.

Set temp. half-mile and
mile cors. at each 40 & 80
chains, On the 2 mile at
2.00 Intersect N. boundary of Tp.
at old cor. to Tps. 13 & 14 N.
Rs 11 & 12 W. which is described
in recorded notes as being "in

West Boundary

Tp. 13 N - R. 11 W.

chs large cedar post set in
mound of Earth, with pit
No post to be found, but
readily identify the mo
& shallow pits as the true
Cor: Therefore I set
Quartzite stone 24 x 14 x
18" deep in center of old
mound, for reestablished Cor. to Tps
13 & 14 N. Rs. 11 & 12 W.
marked with 6 notches
N. S. & E. Edges: dug pits
24 x 18 x 12" lengthwise
Each line N. S. E. & W. of
stone, 6 ft dist. & raised
mound of Earth 2 ft high
4½ ft base alongside.

Thence I run
South, on a true line
Along W. boundary of sec. 6.
Va. 17° 30' E.

0.30 Road, bears N. W. & S. E.
13.70 Same road, brs N. & S.
40.00 Find cedar post thrown

W.

Tp. 13 N

chs down;
3 ft long
marked
ground
Mark
pits 18 x
5½ ft di
of Ear
base
Find a
Reset s
prop
to secs.
3" squ
stone,
Cor. to
pits 18
5½ ft dis
Earth
arom
Land
Soil.

W. Boundary

Tp. 13 N-R. 11 W.

down; re-set same post 3 ft long 3" square, with marked stone, 12" in the ground for recetablished 1/4 sec. cor. Marked 1/4 S on W. face; dug pits 18×18×12" N. & S. of post, 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base around post.

80.00 Find old post thrown down Reset same post - a cedar properly marked for recetablished cor. to secs. 1. 6. 7 & 12. - 4 ft long, 3" square, with marked stone, 12" in the ground, for Cor. to secs. 1. 6. 7 & 12; dug pits 18×18×12" in Each sec. 5½ ft dist. & raised a mound of Earth 2 ft high, 4½ ft base around post.

Land, rolling

Soil, sandy, & rocky - 3d & 4th rate

Sagebrush 80 chs

West Boundary

T/p. 13 N. R. 11 W.

chs	
	South on a true line along W. boundary of Sec. 7. Va. 17°30' E.
17.40	Fence, bears N.W. & S.E.
17.90	10-mile creek bed. drains S.E.
22.50	Fence. bears N.W. & S.E.
28.00	Road — N.W. & S.E.
33.80	Ravine, drains E.
40.00	No trace of old cor — Set conglomerate stone 24×14 7" 18" in the ground, for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18×18×12" c & S. of stone, 5½ ft dist & raised a mound of earth 1½ ft high 3½ ft base alongside
72.00	Ravine, drains E.
80.00	The cor. to Secs. 7. 12. 13 & 18 (at N. foot of lava point) Land, rolling Soil, alluvial & sandy — 2d rate Sagebrush 80 chs Oct. 6. 1886

BOOK-A-21

West

T/p. 13 N-

General

The land
miles is
rolling
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of mead

BOOK-A-213

West Boundary
Tp. 13 N - R. 11 W.

General Description

The land along these two miles is principally rolling lava bench, well covered with a heavy growth of sagebrush. Along 10-mile creek there is a narrow strip of meadow-land.

Edmund Wicker

Chas. S. Betts
U.S. Depy Survr

BOOK-A-

S. SURVEYOR GENE

Salt Lake City

The foregoing field

Mst-

ownship No. 13 N

f the Salt Lake Meri

Wilkes &

Under Contract No.

day of June

Oct

xamined, the necess

made, the said field

are hereby approved.

Wa

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st *1887*

The foregoing field notes of the re *survey of the*

West Boundary

ownship No. 13 N *Range No.* 11 W.

f the Salt Lake Meridian. Executed by

Wilkes & C. S. Betts

Under Contract No. 139 *of the* 24th

day of June *1886, in the month of*

Oct *1886, having been critically*

xamined, the necessary corrections and explanations

made, the said field notes, and the surveys they describe

are hereby approved.

William G. Bowman

U. S. Surveyor General for Utah.

BOOK-A-213

EPORT:

led

camined by John (

anscribed by KATE BOW

ompared by G P

FIELD

OF THE SU

West

Township No. 13(

Range No. 11(

SALT LAK

UTAH

AS

E Wilkes

U. S.

Under his Contr

Dated June

Survey commenced

Survey completed

32

BOOK-A-213

27/443

EPORT:

led 188

amined by John H. Campe

anscribed by KATE BOWMAN.

ompared by J. P. Norton and H. R. W. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

Township No. 13 North

Range No. 11 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes & C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24th 1886

Survey commenced Oct 6 1886

Survey completed Oct 6 1886

32 5

NAMES AND DUTIES OF ASSISTANTS

Chas S. Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-21

West

Tp. 13 N-

Oct 6 18

Before

this surve

from Tp.

Parl 1 mi

variation

chaining

Surve

Oct. 6 788

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12 W. on

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North

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Set temp

mile co

BOOK-A-213

West Boundary.

Tp. 13 N. R. 11 W. S. L. Mer.

Oct 6 1886

Before commencing this survey, I run East from Tp. cor. on 3rd Standard Parl 1 mile, & find mean variation to be 17°30' E. & chaining to practically agree.

Survey commenced Oct. 6 1886, with an Abraham's Improved Theodolite.

I begin at the Standard cor. to Tps. 12 & 13 N. Rs. 11 & 12 W. on 3rd Standard Parl N. which is a post set in a mound of Earth, marked with 6 notches on each of the four corners, with other regulation marks. & pits.

Thence I run North on a random line bet. said ranges.

Va. 17°30' E.

Set temporary half mile and mile cors. at each 40 & 80 chs.

Tp. 13 N. R. 11 W.

chs On the 4th mile at
80.00 I fall 37 lks E. of ol
Cor. to secs. 7. 12. 13 & 16.
which is a cedar post
standing in a mound of
Earth, marked with 4
notches on S. & 2 notch
on N. Edges, with other
regulation marks & shal
pits; deepened pits and
renewed mound around po
(Post stands at N. foot of
lava point).
Thence I run
S. 0° 04' E. on a true line
Along W. boundary of sec. 1
with same Va.
Ascend
40.00 On Lava point, bos N. E. & S. W.
set lava rock 18 x 12 x 10",
10" in the ground for 1/4 sec. co
marked 1/4 on W. face; dug
pits 18 x 18 x 12" N. & S. of stone
5 ft dist. & raised a mound

BOOK-A-21

West B

Tp 13 N. R

chs of Earth
base al
0.00 Foot of
Over mud
bench
0.00 At foot o
N. E. & S.
20 x 12 x 1
for cor.
marked
N. & S. E
12" in Ea
raised a
high 4
Land.
Soil. a
2
Sa

S. 0° 04
along
Asce

West Boundary

Tp 13 N. R. 11 W.

hs of Earth 1½ ft high 3½ ft base alongside.

0.00 Foot of Lava point

Over undulating & descending bench

0.00 At foot of Lava bench. bears N.E. & S.W. - Set lava rock 20 x 12 x 10, 16 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 in each sec. 5½ ft dist. and raised a mound of Earth 2 ft high 4½ ft base alongside.

Land. rolling & broken

Soil. alluvial & rocky -

2d to 4th rate

Sagebrush 80 chs

S. 0° 04' E. on a true line along W. boundary of sec. 19.

Va. 17° 30 E.

Ascend gradually

West Boundary

T/p. 13 N - R. 11 W.

Chs	
40.00	Set lava rock 18 x 12 x 10 ... in the ground for 1/4 sec. co... marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside.
	Descend gradually.
58.00	Wash. drains S. E.
68.00	Bed of Dry Creek. drns S. E.
80.00	Set lava rock 18 x 12 x 10 ... in the ground for cor. to secs. 19. 24. 25 & 30. marked with 4 notches on N. & 2 notches on S. Edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base alongside.
	~~(Top of lava bench. bs N. E. & S. W.)~~
	Land, rolling
	Soil. Sandy & Stony
	3d & 4th rate
	Sagebrush 80 chs

BOOK-A-2

West

T/p. 13 N-

S. 0°-04' E.
along W.

Foot of la...
Edge of ...
Set lava ...
in the gro...
marked ...
pits 18 x ...
5½ ft dis...
Earth ...
along ...
Hollow ...
Set lav...
in the g...
25. 30. ...
5 not...
S. Edge...
each ...
a mou...
4½ ft ...
Top of ...
Land ...
Soil. ...

West Boundary

Tp. 13 N-R. 11 W.

S. 0°-04' E. on a Tree line along W. boundary of Sec. 30.

Va. 17° 30' E.

Foot of Lava bench - ascend

Edge of " " . bes N.E. & S.W.

Set Lava rock 30 x 12 x 10" 22" in the ground for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside

Hollow, drains E.

Set Lava rock 24 x 12 x 10" 18" in the ground for cor. to secs. 25, 30, 31 & 36. marked with 5 notches on N. & 1 notch on S. Edges; dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of stones 2 ft high 4½ ft base alongside

Top of Lava bench. bes N.E. & S.W.

Land, rolling

Soil, alluvial & stony - 2d & 3d rate

Sagebrush 8 & chs

West Boundary

Tp. 13 N-R. 11 W.

Chs	S. 0°-04' E. on a true line Along W. boundary of Sec. 31 Va. 17°30' E.
	Descend
34.00	Foot of bench
35.77	Road, bes N.E. & S.W.
38.00	Indian Creek - drains S.E.
40.00	Set lava rock 16×10×6. 11 in the ground for 1/4 sec. cor. marked 1/4 on W. face: dug pi 18×18×12 N. & S. of stone. 5½ ft dis & raised a mound of Earth 1½ ft high 3½ ft base alongside.
80.00	The Cor. Tps. 12 & 13 N-Rs 11 & 12 W. Land, level & undulating Soil, alluvial, sandy & stony - 2d 3d & 4th rate - Sagebrush Oct 6 1886

General Description -

The land along this line is rolling lava benches, & lava-rock ridges mostly covered with an abundan growth of sagebrush -

Edmund Wilke

Chas. T. Betts

US Dept Su

BOOK-A-

S. SURVEYOR GEN

Salt Lake Cit

The foregoing fie

West

Township No. 13.

of the Salt Lake Mer

E. Wilke

Under Contract No

day of June

Oct

examined, the nece

made, the said fiel

are hereby approve

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st *188*7

The foregoing field notes of the ..... *survey of the*

West Boundary

Township No. 13 N *Range No.* 11 W

of the Salt Lake Meridian. Executed by .....

E. Wilkes & C. S. Butts

Under Contract No. 140 *of the* 24th

day of June *188*6 *in the month of*

Oct *188*6, *having been critically*

examined, the necessary corrections and explanations

made, the said field notes, and the surveys they describe

are hereby approved.

William G. Burman

U. S. Surveyor General for Utah.

BOOK-A-213

EPORT:

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xamined by John

ranscribed by Jen

ompared by

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Township No. 13

Range No. 11

SALT LA

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Survey complete

33

BOOK-A-213 2 453

EPORT:

led 188

xamined by John H. Campe

ranscribed by Jennie V. Bonnian

ompared by G. P. Norton and H. R. W. Atkinson

FIELD NOTES

OF THE re SURVEY OF THE

Subdivisions

of

Township No. 13 North

Range No. 11 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilker and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. [illegible] 139

Dated June 24 1886

Survey commenced Oct 7 1886

Survey completed " 10 1886

33 16

NAMES AND DUTIES OF ASSISTANTS

Chas S Wilkes	Compassman
Chas A. Prescott	Chainman
Wm W. Philpo	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-213

Resurvey — Subdivision of the E. & W. portions of Tp. 13 N. R. 11 W. S. L. Mer.

Survey commenced Oct. 7 & 1886, with an Abraham's Improved Theodolite.

Having previously tested my instrument on the 3d Standard Parl. & finding mode variation to be 17° 30' E. & chaining to agree,

I begin at the Standard Cor. to S. 6. 31 & 32, on S. boundary of Tp. which is a conglomerate stone, marked with 1 notch on W. & 5 notches on E. edges, with regulation mound & pits

Thence I run North, on a random line bet. Secs. 31 & 32,

Va. 17° 30' E.

Set temp. half-mile and mile cors. at each 40 & 80 chs. Find no cor. to be positively

Re-survey — Subd

Tp. 13 N. R. 11 W.

Chs	identified till on the mile at
80.00	Intersect old cor. to sec 6. 7 & 8. — Find old mon shallow pits — No post Re-establish cor. — Set sandstone 18 x 10 x 6", 12 the ground. for cor. to sec 5. 6. 7 & 8. marked with notches on S. & E. edges pits 18 x 18 x 12" in each 5½ ft dist. & raised a mon of Earth 2 ft high. 4½ ft b alongside.

Thence
North on a random line
bet. secs. 5 & 6.
Va. 17°30' E.

40.00	Set temp 1/4 sec. cor.
80.30	Intersect N. boundary of Tp 38 lks E. of cor. to secs. 5. 6. 31 & 32 — Find remains of

BOOK-A-21

Re-S

Tp. 13 N.

old mon
which I ja
cor. — Re-e
Set limes
in the grou
5. 6. 31 & 3
1 notch
on E. Edg
in Each S
raised a
2 ft high.
Thu
S. 0°16' E.
bet. s
w

30	No trace
	sandsto
	The grou
	1/4 sec. c
	dug pits
	5½ ft dist.
	Earth 1½
5.00	Low lev
0.30	The co

Tp. 13 N. R. 11 W.

Old mound & pits (no post) which I identify as the true Cor. - Re-establish same. Set limestone 18×12×10", 14" in the ground, for Cor. to secs. 5. 6. 31 & 32. Marked with 1 notch on W. & 5 notches on E. Edges; dug pits 18×18×12" in Each sec. 5½ ft dist. and raised a mound of Earth 2 ft high. 4½ ft base alongside.

Thence I run

S. 0° 16' E. on a true line bet. secs. 5 & 6.

with same Va.

.30 No trace of old Cor. - Set sandstone 20×12×5", 16" in the ground, for re-established ¼ sec. Cor. marked ¼ on W. face. Dug pits 18×18×12" N. & S. of Stone. 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.

5.00 Low bench, bos N. E. & S. W.

0.30 The Cor. to Secs. 5. 6. 7 & 8.

Re-survey - Subdo

Tp. 13 N - R. 11 W.

chs	Land. rolling Soil. alluvial, sandy + [illegible] 2d to 4th rate Dense sagebrush
	West. on a random line bet. secs. 6 & 7. Va. 17°30' E.
40.00	Set temp. 1/4 sec. cor.
80.70	Intersect W. boundary of [illegible] 18 lks S. of cor. to secs 1, 6, [illegible] 12, re-set by me under this Contract. Thence I run S. 89°52' E. on a true line bet. secs. 6 & 7. with same Va.
	Over rolling & rough ground
40.70	No trace of old cor. - Set sandstone 18 x 10 x 6", 12" in the ground. for re-established 1/4 s[illegible] cor. marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone

BOOK-A-2

Re-surv[illegible]

Tp. 13 N-[illegible]

5 1/2 ft dist. [illegible]
of Earth [illegible]
base a[illegible]
The cor. [illegible]
Land. ro[illegible]
o[illegible]
Soil. sand[illegible]
Dens[illegible]

South. o[illegible]
bet. [illegible]

Over m[illegible]
.00 Old Mo[illegible]
sandstone
ground. [illegible]
sec. cor[illegible]
dug pits [illegible]
5 1/2 ft dis[illegible]
Earth 1[illegible]
alun[illegible]
0.00 No tra[illegible]
sands[illegible]

Re-survey - Sub ds

Tp. 13 N - R. 11 W.

5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.

The cor. to Secs. 5, 6, 7 & 8.

Land, rolling, and rough on West.

Soil, sandy & stony - 2d to 4th rate

Dense Sagebrush

South, on a true line bet. Secs. 7 & 8.

Va. 17° 30' E.

Over undulating ground

Old mound - No post - Set sandstone 14 x 14 x 4", 10" in the ground, for re-established ¼ sec. cor. marked ¼ on W. face, dug pits 18 x 18 x 12" N. & S. of stone. 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base alongside.

No trace of old Cor. - Set sandstone 18 x 10 x 6". 14" in the

Re-survey - Sub^ns

T/p. 13 N. R. 11 W.

chs ground. for re-establishi
to secs. 7. 8. 17 & 18. ma
with 4 notches on S. &
notches on E. edges; dug
18×18×12 in each sec. 5½
& raised a mound of Ear
2 ft high 4½ ft base along
Land. rolling
Soil. alluvial & sandy
2^d rate
Dense sagebrush

West. on a random line
bet. secs. 7 & 18.
Va. 17°30' E.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect W. boundary of
24 lks S. of cor. to secs. 7. 12.
18. re-set by me under thi
Contract.
Thence I run
S. 89°50' E. on a true line

BOOK-A-213

Re-surv

T/p. 13 N-

bet. sec
with
Ravine. dr
Road. be
No trace
Lava roo
The ground
¼ sec. cor.
face; dug
& W. of sta
a mound
3½ ft base
Bed of 10-m
The cor.
Land. Ea
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Soil. all
2^d
Dens

South
bet

Re-survey - Sub^ds

T/p. 13 N - R. 11 W.

bet. secs. 7 & 18.
with same Va.
Ravine. drains S. E.
Road. bears N. & S.
No trace of old Cor. - Set
lava rock 15 x 12 x 6". 9" in
the ground. for re-established
1/4 sec. cor. marked 1/4 on N.
face; dug pits 18 x 18 x 12" E.
& W. of stone. 5 1/2 ft dist. & raised
a mound of Earth 1 1/2 ft high
3 1/2 ft base alongside.
Bed of 10-mile Creek. dns S. E.
The Cor. to secs. 7. 8. 17 & 18.
Land. Each half ~~rolling~~ level,
remainder rolling
Soil. Alluvial & Sandy -
2^d & 3^d rate
Dense sagebrush

South. on a true line
bet. Secs. 17 & 18.

Re-survey – Subds

T/p. 13 N – R. 11 W.

Chs	Va. 17° 30' E.
17.50	Dry bed of 10-mile Creek. dms
40.00	No trace of old cor. – S. sandstone 12 × 10 × 8". 8" in ground. for re-established 1/4 cor. marked 1/4 on W. fac dug pits 18 × 18 × 12" N. & S. stone. 5½ ft dist. & raised a mound of earth 1½ ft high 3½ ft base alongside
52.50	Ravine. drains S. E.
80.00	No trace of old cor. – S. limestone 24 × 7 × 5". 16" in ground. for re-established c to secs. 17. 18. 19 & 20. marked with 3 notches on S. and 3 notches on E. edges; dug pits 18 × 18 × 12" in each sec. 5½ ft d and raised a mound of ea 2 ft high. 4½ ft base alongside.

Land. rolling

Soil. alluvial & sandy –

2° rate

Dense sagebrush

BOOK-A-213

Re-survey

T/p. 13 N – R

West. on

bet. S

Road. bea

Road. –

No trace

lava roo

ground. f

cor. mar

pits 18 × 1

ft dist. &

Earth 1

alongs

Land. –

Soil. a

De

End

Re-survey – Subds

T/p. 13 N – R. 11 W.

West. on true re-survey line
bet. secs. 18 & 19.
Va. 17° 30' E.
Road. bears N.W. & S.E.
Road. – N. & S.
No trace of old cor. – Set
lava rock 14 × 10 × 6", 10" in the
ground, for re-established 1/4 sec.
cor. marked 1/4 on N. face; dug
pits 18 × 18 × 12" E. & W. of stone 5½
ft dist. & raised a mound of
Earth 1½ ft high. 3½ ft base
alongside
Land. rolling
Soil. alluvial & sandy –
2d rate
Dense Sage brush
End of re-survey.

Re-survey — Subdns

T/p. 13 N. R. 11 W.

Chs	
	From cor. to secs. 17, 18, 19 & South, on a true line bet. secs. 19 & 20. Va. 17° 30' E.
40.00	Find old post thrown down remains of old mound — Re-set pine post 40×4×4", with marked stone, 12" in the ground for re-established 1/4 sec. cor. marked 1/4 on W. face: dug pits 18×18×12" N. & S. of post, 5 dist. & raised a mound of Earth 1½ ft high, 3½ ft base around post.
53.00	Road. bears N. W. & S. E.
80.00	No trace of old cor. — Set sandstone 24×10×10", 16" in the ground, for re-established cor. to secs. 19, 20, 29 & 30. Marked with 2 notches on S. & 5 notches on E. edges; dug pits 18×18×12" in each sec. 5½ ft dist. and raised a mound of Earth 2 ft high 4½ ft base alongside.

BOOK-A-2

Re-surv

T/p. 13 N. R

Land. r
Soil. al
2
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West. on
bet

Ravine
Road. b
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Cor. ma
pits 18
5½ ft dis
Earth
along
bench
Land.
Soil.

End o

Re-survey — Subds

Tp. 13 N. R. 11 W.

Land. rolling
Soil. alluvial or sandy —
2° rate
Sagebrush

West. on the re-survey line
bet. Secs. 19 & 30.
Va. 17° 30' E.

00 Ravine drains S. E.
1.00 Road. bears N. & S.
2.00 No trace of old cor. — Set
lava rock 18 x 10 x 8", 12" in the
ground, for re-established 1/4 sec.
cor. marked 1/4 on N. face; dug
pits 18 x 18 x 12" E. & W. of stone.
5½ ft dist. & raised a mound of
Earth 1½ ft high, 3½ ft base
alongside. (Set at foot of
bench)
Land. undulating
Soil. alluvial — 2° rate
Sagebrush —
End of re-survey —

Re-survey — Sub

Tp. 13 N — R. 11 W.

Chs	
	From Cor. to secs. 19.20.29
	South. on a true line
	bet. Secs. 29 & 30
	Va. 17° 30' E.
14.00	Dry ravine. drains S. E.
40.00	No trace of old Cor. — Set
	pine post 40×4×4" with
	marked stone, 12" in the gro
	for re-established 1/4 sec. c
	marked 1/4 s. on W. face; dug
	pits 18×18×12" N. & S. of post
	5½ ft dist. & raised a mound
	of Earth 1½ ft high. 3½ ft
	base around post.
70.00	Road. bears N. W. & S. E.
80.00	No trace of old Cor. — Set
	Quartzite stone 15×12×5", 10"
	the ground. for re-established
	Cor. to secs. 29.30.31 & 32.
	marked with 1 notch on S.
	5 notches on E. Edges; dug pits
	18×18×12" in each sec. 5½ ft dist
	& raised a mound of Earth
	2 ft high. 4½ ft base alongside.

BOOK-A-213

Re-surv

Tp. 13 N-

Land, ne

Soil. All

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West. on tra

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Land. N

Soil. A

End of

Re-Survey - Subds

Tp. 13 N - R. 11 W.

Land, nearly level.
Soil, Alluvial & Sandy -
2d rate
Sage brush

West, on true re-survey line
bet. Secs. 30 & 31.
Va. 17° 30' E.
Road. bears N & S.
Do - N.E. & S.W.
No trace of old Cor. - Set
Quartzite stone 18 x 8 x 4", 12" in
the ground, for re-established 1/4
Sec. cor. marked 1/4 on E. face;
dug pits 18 x 18 x 12" E. & W. of stone
5 1/2 ft dist. & raised a mound
of earth 1 1/2 ft high, 3 1/2 ft base
alongside.
Land, undulating
Soil, Alluvial & sandy
2d rate
Sagebrush
End of re-survey.

Re-survey – Subds

T/p. 13 N – R. 11 W.

Chs	From Cor. to secs. 29. 30. 31 &
	South. on a true line
	bet. Secs. 31 & 32.
	Va. 17° 30' E.
40.00	No trace of old Cor. – Set
	Lava rock 14 x 7 x 6". 10" in the
	ground. for re-established 1/4
	cor. marked 1/4 on W. face
	dug pits 18 x 18 x 12" N. & S. of
	stone 5½ ft dist. & raised a
	Mound of Earth 1½ ft high
	3½ ft base alongside.
57.00	Road. bri N.W. & S.E.
80.00	The Cor. to secs. 5. 6. 31 & 32.
	Land. nearly level
	Soil. Alluvial & sandy –
	2d rate
	Sagebrush
	Oct 7. 1886

BOOK-A-21

Re-su

T/p. 13. N –

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to secs. 1.
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Earth. M
on E. & S
with oth
& pits
T
North.
bet. S

0.00 Set ten
0.00 Intersec
down –
chared
square
Cor. to
mar
T. 13
R. 11
S. 35
S. 26
1 Not

Re-survey — Subds

Tp. 13. N — R. 11 W.

Oct. 10. 1886.

I begin at Standard Cor. to secs. 1. 2. 35 & 36. on S. boundary of Tp. which is a post set in a mound of Earth, marked with 1 notch on E. & 5 notches on W. Edges. with other regulation marks. & pits

Thence I run North, on a random line bet. secs. 35 & 36.

Va. 17° 30' E.

10.00 Set temp'y 1/4 sec. cor.

20.00 Intersect old Cor. post thrown down — Re-establish cor. Set chared pine post 3 ft long. 4" square. 12" in the ground. for Cor. to secs. 25-26. 35 & 36.

Marked —

T. 13 N — S. 25 on N.E.

R. 11 W — S. 36 on S.E.

S. 35 on S.W. and

S. 26 on N.W. faces. with 1 Notch on S. & E. Edges.

Re-survey - Subds

Tp. 13 N - R. 11 W.

chs	Dug pits 18×18×12" in Ea[illegible] sec. 5½ ft dist. & raised [illegible] mound of Earth 2 ft h[illegible] 4½ ft base around post. Thence I run South. on a true line bet. secs. 35 & 36. with same Va.
40.00	Find old post thrown dow[illegible] set chared Red pine post 4[illegible] 4×4". 12" in the ground f[illegible] re-established ¼ sec. cor. marked ¼s. on W. face; d[illegible] pits 18×18×12" N. & S. of post 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base around post.
80.00	The Cor. to secs. 1. 2. 35 & 36. Land. nearly level Soil. Sandy - 2° rate Dense sagebrush

OOK-A-213

Re-sur[illegible]

Tp. 13 N - [illegible]

From Cor. [illegible] East. on a [illegible] bet. [illegible]

.00 Set temp[illegible]

24 Intersect [illegible] at cor. to [illegible] re-set by [illegible] contract [illegible] Thu[illegible]

West. on [illegible] bet. [illegible] Wa[illegible]

.12 Old mo[illegible] Re-set c[illegible] 4 ft long [illegible] the gro[illegible] ¼ sec. [illegible] face; [illegible] W. of po[illegible] mound [illegible] 3½ ft b[illegible]

80.24 The co[illegible] La[illegible]

00K-A-213

Re-survey - Inds
Tp. 13 N - R. 11 W.

From Cor. to Secs. 25. 26. 35 & 36.
East. on a random line
bet. Secs. 25 & 36.
Va. 17° 30' E.

00 Set temp 1/4 Sec. Cor.
24 Intersect E. boundary of Tp.
at Cor. to Secs. 25. 30. 31 & 36.
re-set by me under this
contract.
Thence from
West. on a true line
bet. Secs. 25 & 36.
with Const Va.

.12 Old mound - post thrown down.
Re-set charred Cedar post
4 ft long. 3" square. 12" in
the ground for re-established
1/4 Sec. Cor. marked 1/4 S on N.
face; dug pits 18 x 18 x 12" E. &
W. of post. 5 ft ditch & raised a
mound of earth 1 1/2 ft high
3 1/2 ft base around post.

80.24 The Cor. to Secs. 25. 26. 35 & 36.
Land. undulating.

Re-Survey - Subds
Tp. 13 N. R. 11 W.

Chs	Soil, Sandy - 2d rate Dense Sagebrush
	North, on a random bet. secs 25 & 26. Va. 17°30' E.
40.00	No trace of old cor. Set tempy 1/4 sec. cor.
80.00	Finding no trace of old c Set tempy sec. cor and continue random line North. bet. secs. 23 & 24. With same Va.
40.00	No trace of old cor. Set tempy 1/4 sec. cor.
80.00	Find decayed stake standi 14 x 2 x 1½ - In place of stak Set sandstone 24 x 12 x 4" 16 in the ground, for re-establish cor. to secs. 13, 14, 23 & 24. marked with 3 notches on S. & 1 notch on E. Edges; dry

BOOK-A-21

Re-Sur
Tp. 13 N

pits 18 x 1
5½ ft dis
of Earth
base a
Thu
South.
bet.
W. end of
Over r
W. end o
bears
Set sa
the gra
1/4 sec.
face;
& S. of
raison
1½ ft h
Hallo
Top of
Desc
The co
when

Re-Survey-Subds

Tp. 13 N-R. 11 W.

pits 18×18×12 in each sec. 5½ ft dist. & raised a mound of Earth. 2 ft high. 4½ ft base alongside.

Thence I run

South. on a true line bet. Secs. 23 & 24.

Va. 17° 30' E.

0 W. end of rocky point. bes E. Over rolling ground.

00 W. end of low rocky ridge bears E. & W.

.00 Set sandstone 18×10×8. 12 in the ground. for re-established ¼ sec. cor. marked ¼ on W. face; dug pits 18×18×12 N. & S. of stone. 5½ ft dist. and raised a mound of Earth 1½ ft high. 3½ ft base alongside.

0.00 Hollow. drains W.

2.00 Top of low ridge. bes N.W. & S.E. Descend

0.00 The cor to secs. 23. 24. 25. & 26. where I set a Cedar post.

Re-survey - Sub^d -
T/p. 13 N - R. 11 W.

chs 4 ft long. 4" square. with
marked stone, 12" in the
ground, for re-establish
Cor. to Secs. 23. 24. 25 & 2
marked -
T. 13 N. S. 24 on N.E.
R. 11 W. S. 25 on S.E.
S. 26 on S.W. and
S. 23 on N.W. faces; with
2 notches on S. & 1 notch
E. edges; dug pits 18 x 18 x
in each sec. 5½ ft dist. &
raised a mound of Earth
2 ft high. 4½ ft base around
post.
Land. rolling & broken
Soil. Sandy & rocky -
2^d & 4th rate
Dense Sagebrush

BOOK-A-2

Re-sur
T/p 13 N-
East. on tr
bet. S
Over mid
00 Foot of
N.W. & S
00 On side o
of old C
18 x 10 x 7"
re-estab
marked
pits 18 x
5½ ft dist
of Earth
3½ ft ba
Land. M
Soil.
Den
End

Re-survey - Subds

T/p 13 N - R. 11 W.

East. on true re-survey line
bet. Secs. 24 & 25.
Va. 17° 30' E.
Over undulating ground
00 Foot of rocky bluff, bears
N. W. & S. E.
00 On side of bluff - no trace
of old cor. - Set sandstone
18 x 10 x 7. 15 in the ground, for
re-established 1/4 sec. cor.
Marked 1/4 on N. face; dug
pits 18 x 18 x 12 E. & W. of stone.
5 1/2 ft dist. & raised a mound
of Earth & stones 1 1/2 ft high.
3 1/2 ft base alongside.
Land. Undulating. & 5 chs rocky.
Soil. Sandy & rocky -
2d to 4th rate
Dense Sagebrush
End of re-survey.

Re-Survey - Subd

T/p. 13 N - R. 11 W.

Chs	South. on a true line bet. Secs. 25 & 26. Va. 17° 30' E.
40.00	No trace of old cor. - sandstone 20 + 10 + 8". 14 the ground. for re-establish 1/4 sec. cor. marked 1/4 on face: dug pits 18 + 18 + 12" N S. of stone. 5½ ft dish. & raise a mound of Earth 1½ ft hi 3½ ft base alongside.
80.00	The cor. to secs. 25. 26. 35 & Land. undulating Soil. Sandy - 2 rate Dense Sagebrush
	From Cor. to secs. 13. 14. 23 24. North. on a random line bet. Secs. 13 & 14. Va. 17° 30' E.
40.00	Set temp 1/4 sec. cor.

BOOK-A-213

Re-Surv

T/p. 13 N-

To old stone.
4 notches
on E. edges;
in same pl
for cor. to
dug pits 1
sec. 5½ ft di
of Earth 2
alongside
Then
South. on
bet. S
or
00 Old mon
obliterat
24 : 10 + 5
for re-es
marked
pits 18
5½ ft dis
of Ear
along
0.00 Foot of
N. W.

BOOK-A-213

Re-survey - Subs

Tp. 13 N - R. 11 W.

To old stone, marked with 4 notches on S. & 1 notch on E. Edges; Re-set the stone in same place, 18 in the ground for cor. to secs. 11. 12. 13 & 14: dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high, 4½ ft base alongside.

18 x 10 x 8

Thence I run South, on a true line bet. secs. 13 & 14. with same Va.

00 Old mound & pits nearly obliterated — Set sandstone. 24 x 10 x 5, 16" in the ground for re-established ¼ sec. cor. marked ¼ on W. face; dug pits 18 x 18 x 12" N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside.

0.00 Foot of last bench bears E. & N. W.

Re-survey - Sub^n

T/p. 13 N - R. 11 W.

Chs	
80.00	The cor. to secs. 13.14.23
	Land. rolling & broken
	Soil. sandy & stony -
	2^d & 4th rate
	Sagebrush
	From cor. to secs. 11.12
	& 14.
	North. on a random line
	bet. secs. 11 & 12.
	Va. 17°30' E.
40.00	Set tempy 1/4 sec. cor.
80.00	Find decayed stake stand
	14 x 2 x 1½". In place of stake
	Set sandstone 20 x 12 x 8"
	in the ground. for cor to secs
	1.2.11 & 12. marked with
	5 notches on S. & 1 notch
	on E. edges; dug pits 18 x 18
	12" in each sec. 5½ ft dist.
	raised a mound of Earth

BOOK-A-213

Re-surv

T/p. 13 N - R

2 ft high. 4½

South. on

bet. s

Over med

No trace

sandstone

ground. fo

cor. mar

dug pits

5½ ft dist.

of Earth

alongs

The cor.

Land.

Soil.

From

North

b

Re-survey - Subds

T/S. 13 N - R. 11 W.

2 ft high. 4½ ft base alongside
Thence I run
South. on a true line
bet. secs. 11 & 12.
with same Va.
Over undulating ground
00 No trace of old Cor. - Set
sandstone 18 x 10 x 6". 10" in the
ground. for re-established ¼ sec.
Cor. marked ¼ on W. face;
dug pits 18 x 18 x 12" N. & S. of stone.
5½ ft dist. & raised a mound
of Earth 1½ ft high. 3½ ft base
alongside.
00 The Cor. to secs. 11. 12. 13 & 14.
Land. rolling
Soil. sandy - 2 rate
Sagebrush

From Cor. to secs. 1. 2. 11 & 12.
North. on a random line
bet. secs. 1 & 2.

Re-survey - Subdo

T/p. 13 N - R. 11 W.

Chs	
	Va. 17° 30' E.
40.00	Set temp'y 1/4 sec. cor.
80.00	Intersect N. boundary of at cor. to secs. 1, 2, 35 & 36. No post found, but I identify the old mound & shallow pit as the true cor. - Re-establish Set Cedar post 3 ft long. 4" sq with marked stone, 12" in the ground, for cor. to secs. 1, 2, 35 & 36. marked -
	T. 14 N - S. 36 on N.E.
	R. 11 W - S. 1 on S.E.
	T. 13 N - S. 2 on S.W. and S. 35 on N.W. faces, with 1 Natch on E. & 5 Natches on W. edges; dug pits 18 x 18 x 12" in each sec. 5 1/2 ft dist. and raised a mound of Earth 2 ft high. 4 1/2 ft base around post.
	Thence I run South on a true line bet. secs. 1 & 2.

BOOK-A-2

Re-sur

T/p. 13 N -

with

No trace

Set Cedar

square.

12" in the

blished

1/4 s. on W.

12" N. & S.

raised

1 1/2 ft high

post.

The co

Land.

Soil.

Den

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of se

prin

Re-survey - Subds
Tp. 13 N - R. 11 W.

with same Va.
No trace of old cor.
Set Cedar post 3 ft long. 3 in square. with marked stone. 12 in the ground. for re-established 1/4 sec. cor. marked 1/4 s. on W. face: dug pits 18 x 18 x 12 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.
The cor. to secs. 1. 2. 11 & 12.
Land. level.
Soil. Sandy - 2d rate
Dense sagebrush
Oct 11 1886

General Description

The Eastern & western tiers of secs. of this Tp. are principally level and

rolling land. Excep
along the west side o
secs. 7. 18 & 19. Skinting
some lava benches, wh
it is broken & rocky-
No timber.- and no gra
Except a narrow strip
meadow land along
10-mile Creek. The bal
is heavily covered wi
Sagebrush.

Edmund Wilde

Chas. S. Betts
U.S. Dep. Sur

BOOK-A-

S. SURVEYOR GEN

Salt Lake Cit

The foregoing fie
Subdi

ownship No. 13.

f the Salt Lake M
dmund W

Under Contract N

day of June
Oct

examined, the n

made, the said fi

are hereby appr

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31 *1886*

The foregoing field notes of the re *survey of the* Subdivisions

Township No. 13 N *Range No.* 11 W

of the Salt Lake Meridian. Executed by Edmund Wilkes and C. S. Betts

Under Contract No. 139 *of the* 24th *day of* June *1886, in the month of* Oct *1886, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

William G. Brennan

U. S. Surveyor General for Utah.

BOOK-A-213

PORT:

ed

amined by John (

anscribed by Kate

mpared by J. C. M

FIELD

OF THE SU

Subd

Township No. 13 (

Range No. 11 (

SALT LA

UTAH

AS

E. Wilkes

U. S.

Under his Cont

Dated June

Survey commence

Survey completed

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BOOK-A-213

32 485 7

EPORT:

ed 188

amined by John H. Campe.

anscribed by Kate Bowman

mpared by G. S. Norton and H. R. W. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No. 13 North

Range No. 11 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24 1886

Survey commenced Oct 11 1886

Survey completed " 1[illegible] 1886

34 7

NAMES AND DUTIES OF ASSISTANTS

Chas S. Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-2

Sur

T/p. 13 N

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BOOK-A-213

Subdivisions
T. 18 N. R. 11 W. S. L. Mer.

Survey of sectional & fractional E. & W. lines through the East & West ties of secs. made in connection with the re-survey of said ties.—

Survey commenced Oct. 17 1886. with an Abraham's Improved Theodolyte.

From Cor. to secs. 25. 30. 31 & 36. on W. boundary of Tp. - set by me under this contract. I run East. on a random line bet. secs. 30 & 31.

Va. 17° 30' E.

40.10 Intersect the 1/4 sec. cor. bet secs. 30 & 31. being the end of re-survey, which cor. was re-established by me under contract No. 139 — from which I run West on a true line bet. secs. 30 & 31.

Subds

T/p. 13 N - R. 11 W.

Chs	
	With same Va.
40.00	End of re-survey
56.00	Road. bn. N. E. & S. W.
60.00	Ascend 6°
80.10	The cor. to secs. 25. 30. & 36.
	Land. undulating
	Soil. alluvial & sandy.
	2d rate
	Sagebrush

From cor. to 19. 24. 25 & on W. boundary of T/p. - set me under this contract.

I run

East. on a random line bet. secs. 19 & 30.

Va. 17° 30' E.

40.14 Intersect the 1/4 sec. cor. bet. secs. 19 & 30. 12 lks S. - this being the end of re-survey. which cor. was re-established

BOOK-A-21

Su

T/p. 13 N - R

by me und
from wh
S. 89° 50' W
bet. s
W

00 End of re
Over be
00 Top of
00 Foot of
14 The cor.
& 30.
Land.
Soil. a

From
24. on
set by
I
East.
be

Subs to

No. 13 N. R. 11 W.

by me under Contract No. 39
from which I run
S. 89°50' W. on a true line
bet. Secs. 19 & 30.
with same Va.
.00 End of re-survey.
Over bench land
.00 Top of bench, brs N.E. & W.
.00 Foot of do
.14 The Cor. to Secs. 19, 24, 25
& 30.
Land, undulating
Soil, alluvial & gravelly-
2d rate
Sagebrush

From Cor. to Secs. 13, 18, 19 &
24, on W. boundary of Tp.
set by me under this Contract.
Run
East, on a random line
bet. Secs. 18 & 19.

Subdo

Tp. 13 N. R. 11 W.

chs	
	Va. 17° 30' E.
40.20	Intersect the 1/4 sec. cor. be[illegible] secs. 18 & 19. 14 lks S. th[illegible] being the end of re-sur[illegible] which cor. was re-establ[illegible] by me under contract N. from which I run S. 89° 48' W. on a true line bet. secs. 18 & 19. with same Va.
40.00	End of re-survey.
	Over ascending & rolling gro[illegible]
80.20	The cor. to secs. 13. 18. 19 & 24
	Land. rolling
	Soil. sandy & stony -
	3d rate
	Sagebrush

From cor. to secs. 19. 24. 25 & 30. on E. boundary of Tp. [illegible] by me under this contract. I run

BOOK-A-

Tw[illegible]

Tp. 13 N-[illegible]

chs	
	West. on [illegible] bet. [illegible]
[illegible].08	Intersect [illegible] secs. 24 [illegible] being th[illegible] which c[illegible] under c[illegible] which [illegible] S. 89° 50' [illegible] be[illegible]
40.00	End of [illegible]
5.00	Top of [illegible] N. W. [illegible] brok[illegible]
80.08	The c[illegible] Land [illegible] Soil [illegible]

Subs

Tp. 13 N-R. 11 W.

hs	West. on a random line bet. secs. 24 & 25. Va. 17°30' E.
0.08	Intersect the 1/4 sec. cor. bet secs. 24 & 25, 12 lks S.-this being the end of re-survey. which cor. was re-set by me under contract No. 139 from which I run
	S. 89°50' E. on a true line bet. secs. 24 & 25 with same Va.
40.00	End of re-survey.
5.00	Top of rocky bluff, bears N.W. & S.E. - thence over broken & rolling ground.
80.08	The cor. to secs. 19. 24. 25 & 30. Land, rough & rocky. Soil sandy & rocky. 3d & 4th rate Sagebrush

Sub^ds

Tp. 13 N - R. 11 W.

chs	From cor. to Secs. 13. 14. 2[illegible] 24. re-established by me under contract No. 139 I[illegible] East. on a random line bet. Secs. 13 & 14. Va. 17° 30' E.
40.00	Set temp. 1/4 sec. cor.
80.24	Intersect E. boundary of T[illegible] at cor. to Secs. 13. 18. 19 & 24. set by me under this contra[illegible] Thence I run West. on a true line bet. Secs. 13 & 24. with same Va. Descend rocky slide
9.00	Foot of rocky slide. bes N.W. & S.E. Over rolling ground
40.12	Set sandstone 15 x 12 x 8" 10" in the ground. for 1/4 sec. cor. Marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5½ ft dist. & raised a mound of Earth. 1½ ft high 3½ ft base alongside.

BOOK-A-213

Sub[illegible]

Tp. 13 N-[illegible]

24	The cor. [illegible] Land. [illegible] Soil. [illegible] 2[illegible] [illegible]
	From c[illegible] re-estab[illegible] contra[illegible] East. [illegible] bet[illegible]
40.00	Set te[illegible]
80.21	Inter[illegible] 15 lks. [illegible] 13 & 1[illegible] This c[illegible] N. 89° [illegible] Desc[illegible]

Subns

Tp. 13 N-R. 11 W.

24 The Cor. to Secs. 13, 14, 23 & 24.
Land. rolling.
Soil. Sandy & rocky-
2° & 4th rate
Sagebrush

From Cor. to Secs. 11, 12, 13 & 14.
re-established by me under
Contract No. 139 I run
East. on a random line
bet. Secs. 12 & 13.
Va. 17° 30' E.
40.00 Set temp'y 1/4 sec. cor.
80.21 Intersect E. boundary of Tp.
15 lks N. of cor. to Secs. 7. 12.
13 & 18. set by me under
This Contract
Thence I run
N. 89° 54' W. on a true line
bet. Secs. 12 & 13.
With same Va.
Descend — over rolling ground

Sub No

No. 13 N - R. 11 W.

Chs

40.10 Set sandstone 14×11×7" in the ground for 1/4 sec. cor. marked 1/4 on E. face: dug pits 18×18×12" E. & W. of cor. 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside.

80.21 Thence to sec. 11, 12, 13 & 14 Land, rolling
Soil, sandy - 2nd rate
Sagebrush

From cor. to sec. 1, 2, 11 & 12 re-established by me under Contract No. 139 & run East on a random line bet. secs. 1 & 12.
Va. 17° 30' E.

40.05 Set temp. 1/4 sec. cor.

80.10 Intersect E. boundary of Tp. 20 Chs. N. of cor. to secs. 1, 6, 7, 12, set by me under this Contract. - Thence I run

Subds

Tp. 13 N. R. 11 W.

N 89° 51' W. on a true line
bet. secs. 1 & 12.
with same Va.
Over level ground
.05 Set sandstone 14 x 10 x 8". 10"
in the ground for 1/4 sec. cor.
marked 1/4 on N. face; dug
pits 18 x 18 x 12" E. & W. of stone
5½ ft dist. & raised a mound
of Earth 1½ ft high. 3½ ft
base alongside.
.10 The cor. to secs. 1, 2, 11 & 12.
Land. level
Soil. sandy - 2d rate
Sagebrush
Oct 11. 1886

General Description

The land within these
lines is principally level
& rolling, with some
rocky bluffs on the East

and some rough la
rock 1 inch on west
side of T/O. — No timb
No water — Nearly all
the land covered with
Dense growth of
Sagebrush

Edmund Mid
Chas. J. Betts
N S Dep

BOOK-A-213

S. SURVEYOR GENER

Salt Lake City, U

The foregoing field

Subdiv

Township No. 13. N

of the Salt Lake Merid

E. Wilkes

Under Contract No.

day of June

Oct

examined, the neces

made, the said field

are hereby approved

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st 1887

The foregoing field notes of the survey of the

Subdivisions

Township No. 13 N Range No. 11 W

of the Salt Lake Meridian. Executed by

G. Wilkes & C. S. Betts

Under Contract No. 140 of the 24th

day of June 1886, in the month of

Oct 1886, having been critically

examined, the necessary corrections and explanations

made, the said field notes, and the surveys they describe

are hereby approved.

William G. Burman

U. S. Surveyor General for Utah.

BOOK-A-2

PORT:

ed

amined by John H.

anscribed by Jou

mpared by

FIEL

OF THE SU

West

Township No. 15

Range No. 11

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BOOK-A-213

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PORT:

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amined by John H. Campe

anscribed by Jennie V. Bowman,

mpared by J. S. Norton and H. R. M. Atkinson,

FIELD NOTES

OF THE SURVEY OF THE

West boundary

OF

Township No. 15 North

Range No. 11 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilker and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24th 1885

Survey commenced Oct 8 1886

Survey completed " 8 1886

35

4

NAMES AND DUTIES OF ASSISTANTS

Chas S. Wilkes	Compassm
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

BOOK-A-21

West

Tp. 15 N-

Surv

Oct 8. 18

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3.00 Hallo

12.00 Ridge

22.00 Hallo

BOOK-A-213

West Boundary
Tp. 15 N. R. 11 W. S. L. Mer

Survey commenced Oct. 8. 1886. with an Abraham's Improved Theodolyte.

Before commencing this survey I test my instrument on S. boundary of Tp. - Find needle Va. to be 18° E. + checking to practically agree

I begin at cor. to Tps 14 + 15 N. - Rs 11 + 12 W. Which is a Stone set in a mound of Earth, marked with 6 Notches on each of the four corners, with other regulation marks. & pits — Thence I run North along W. boundary of sec. 31 -

Va. 18° E.

3.00 Hallow. heads N. E.
12.00 Ridge. decs S. W. (5 chs)
22.00 Hallow. heads N. E.

West Boundary
Tp. 15 N. R. 11 W.

Chs 28.50	Ridge. Descs S.W (5 chs
40.00	Set sandstone 14×12×6 in the ground, for 1/4 sec. c Marked 1/4 on W. face: dug pits 18×18×12 N. & S. of stone 5½ ft dist. & raised a mound of Earth 1½ ft high 3½ ft base alongside.
	Along side-hill. W. slope
70.00	Hollow. heads N. E.
80.00	Set sandstone 36×24×6 in the ground. for cor. to Sec 25. 30. 31 & 36. Marked with 1 notch on S. & 5 notches on N. Edges; dug pits 18×18 12 in Each sec. 5½ ft dist. & raised a mound of Earth & stones 2 ft high 4½ ft base alongside.
	Land. Mountainous
	Soil. gravelly & Stony — 3d rate
	Dense Cedar & Pinion Pine

West
Tp. 15 N

North. a
of sec

Interse
bet. N
I set a
16 in th
Secs. 2
S. 25
dug pit
of stone
a mou
2 ft hig
side-
Boun
108 M.
I on
West.
Idah
5 N. 3
Land
Soil

Dense

West Boundary
Tp. 15 N - R. 11 W.

North. along W. boundary of sec. 30.

Va. 18° E.

Intersect boundary line bet. Utah & Idaho, where I set a sandstone 20 x 14 x 10 16" in the ground. for closing cor. to secs. 25 & 30. Marked C.C. S. 25. N. S. 30". on S. face; Ing pits 18 x 18 x 12" S. E & W. of stone. 5½ ft dist. & raised a mound of Earth & stones 2 ft high. 4½ ft base alongside —

Boundary tree marked 108 M. on E. N. on S. and I on N. faces. is 64 links West.

Idaho sub. stone marked 5 N. 3 E. is 4.05 chs west.

Land. rolling

Soil. gravelly & stony —

3d rate

Dense Cedars & Pinion Pines

Oct. 8. 1886.

General Description

This line is along roll
& rough ground appr
onching Black Pine Mt
covered with a dense
growth of cedars and
Pinion Pine

Edmund Miller

Chas. S. Betts
Ms Dep Sur

BOOK-A-2

S. SURVEYOR GEN

Salt Lake Cit

The foregoing fie

West B

Township No. 15

of the Salt Lake Me

E. Wilkes

Under Contract N

day of June

Oct

examined, the nec

made, the said fie

are hereby approv

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st *1887.*

The foregoing field notes of the ..... *survey of the*

West Boundary

Township No. 15 N *Range No.* 11 W

of the Salt Lake Meridian. Executed by

E. Wilkes & C. S. Betts

Under Contract No. 140 *of the* 24th

day of June *1886, in the month of*

Oct *1886, having been critically*

examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

William G. Brennan

U. S. Surveyor General for Utah.

BOOK-A-

EPORT:

ed

amined by John

anscribed by KATE

mpared by

FIEL

OF THE SU

Lubo

Township No. 15

Range No. 11

SALT LA

UTA

E. Wiker

U. S

Under his Con

Dated June

Survey commenc

Survey complete

36.

BOOK-A-213

307

EPORT:

led 188

amined by John H. Campe

anscribed by KATE BOWMAN.

ompared by J. P. Norton and H. R. M. Atkinson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No. 15 North

Range No. 11 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

E. Wilkes and C. S. Betts

U. S. Deputy Surveyor,

Under his Contract No. 140

Dated June 24th 1886

Survey commenced Oct 9 1886

Survey completed 9 1886

36

12

NAMES AND DUTIES OF ASSISTANTS

Chas S. Wilkes	Compassman
Chas A. Prescott	Chainman
Wm W. Phelps	Chainman
Adolph Harris	Chainman
Andrew Smith	Chainman
Harry R. Jacobs	Axeman
Lewis A. Krigbaum	Axeman
J. Jake	Flagman

Subdivisions

Tp. 15 N-R. 11 W. S.L. Mer.

Survey commenced Oct. 9th 1886. with an Abraham's Improved Theodolyte

I begin at cor. to secs. 1, 2, 35 & 36. on S. boundary of Tp. which is a post set in a mound of Earth. marked with 1 notch on E. & 5 notches on W. edges. with other regulation marks. & pits

Thence I run

North. bet. secs. 35 & 36.

Va. 18° E.

10.00 Set cedar post 3½ ft long. 3" square. with marked stone. 12" in the ground. 1/4 sec. cor. marked 1/4 s. on W. face; dug pits 18 x 18 x 12" N. & S. of post. 5½ ft dist. & raised a mound of earth 1½ ft high. 3½ ft base around post.

80.00 Set sandstone 18 x 8 x 6". 15" in the ground. for cor. to secs.

Subds

Tp. 15 N - R. 11 W.

chs	25, 26. 35 & 36. marked with 1 notch on S. & E. Edges. dug pits 18 x 18 x 12" in each sec. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base alongside. Land. nearly level Soil. sandy — 2d rate Dense sagebrush

East. on a random line bet. secs. 25 & 36. Va. 18° E.

40.00	Set temp'y ¼ sec. cor.
80.25	Intersect E. boundary of Tp. 20 lks N. of cor. to secs. 25 30. 31 & 36. which is a post set in a mound of Earth properly marked, with pits. Thence I run N. 89° 49' W. on a true line bet. secs. 25 & 36. with same Va.
40.12	Set Cedar post 3½ ft long. 5"

Su

Tp. 15 N-

square. W
12" in the
marked ¼
pits 18 x 18
raised a
1½ ft high.
post.
.25 The cor.
Land. n
Soil. s
Dense

North.

0.70 Intersec
bet N
I set a
12" in th
Secs 2
S. 26.
dug pit
stone. s
mound

Subs

Tp. 15 N - R. 11 W.

square. with marked stone. 12" in the ground. for 1/4 sec. cor. marked 1/4 s. on N. face; dug pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high. 3 1/2 ft base around post.

0.25 The cor. to secs. 25. 26. 35 & 36.
Land. nearly level.
Soil. Sandy - 2d rate
Dense sagebrush

North. bet. secs. 25 & 26.
Va. 18° E.

0.70 Intersect the boundary line bet Utah & Idaho. Where I set a sandstone 16 x 10 x 5" 12" in the ground. for closing cor. to secs 25 & 26. marked "C.C. S. 26 - U. S. 25" on S. face; dug pits 18 x 18 x 12" S. E. & W. of stone. 5 1/2 ft dist. & raised a mound of Earth 2 ft high.

Sub^ds

Tp. 15 N - R. 11 W.

chs	4½ ft base alongside. Boundary post marked 103 M. on E. - N. on S. & I. on N. faces, is 1.47 chs E.
	Idaho Sub. Cor. Stone marked 5 notches on N. face is 3.40 chs West.
	Land. gently rolling
	Soil. Sandy - 2^d rate
	Dense Sagebrush.
	South Edge of scat'g Cedar

Commence at Cor. to Secs. 2. 3. 34 & 35. on South boundary of Tp. which is a post set in a mound of Earth. marked with 2 notches on E. & 4 notches on W. edges. with other regulation marks. & pits.

Thence I'rme

BOOK-A-213

Subds

Tp. 15 N. R. 11 W.

North. bet. secs 34 & 35.
Va. 18° E.

0.00 Set sandstone 14×10×4" 8" in the ground. for 1/4 sec. cor. marked 1/4 on W. face: dug pits 18×18×12" N. & S. of stone 5½ ft dist. & raised a mound of earth 1½ ft high. 3½ ft base alongside.

0.00 Set sandstone 16×12×12". 12" in the ground. for cor. to secs. 26, 27, 34 & 35. Marked with 1 notch on S. and 2 notches on E. edges: dug pits 18×18×12" in each sec. 5½ ft dist. & raised a mound of earth 2 ft high 4½ ft base alongside
Land. nearly level
Soil. sandy - 2d rate
Dense sagebrush

Subds

T/p. 15 N - R. 11 W.

Chs	
	East. on a random line bet. secs. 26 & 35. Va. 18° E.
40.00	Set temp'y 1/4 sec. cor.
80.12	Intersect N. & S. line at cor. to secs. 25, 26, 35 & 36. Thence from
	West. on a true line bet. secs. 26 & 35.
39.50	Dry bed of Creek with same va. heads N.W.
40.06	Set sandstone 18 x 6 x 4". 12" in the ground for 1/4 sec. cor. Marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone 5 1/2 ft dist. & raised a mound of earth 1 1/2 ft high. 3 1/2 ft base alongside.
80.12	The cor. to secs. 26. 27. 34 & 35. Land. rolling Soil - sandy - 2d rate Dense sagebrush. & scattering cedars

BOOK-A-21

Su

T/p. 15 N -

Chs	
	North.
0.68	Intersect bet. N I set a in the gr 26 & 27. S. 27 - dug pi of stone a mou 4 1/2 ft b Bound 104 M I. on Idah with 5 2.48 C Land Soil Den Sca

Subds

Tp. 15 N - R. 11 W.

North. Lt. secs 26 & 27.
Va. 18° E.

.68 Intersect the boundary line
bet. Utah & Idaho, where
I set a sandstone 18 x 12 x 5", 14"
in the ground, for closing cor. to secs.
26 & 27. Marked "C.C.
S. 27 - N. S. 26" on S. face;
dug pits 18 x 18 x 12" S. E. & W.
of stone. 5½ ft dist. & raised
a mound of Earth 2 ft high
4½ ft base alongside.
Boundary post marked
104 M. on E. N. on S. and
I. on N. faces, is 8 links E.
Idaho sub. cor. stone marked
with 5 notches on N. face is
2.48 chs west of cor.
Land. rolling
Soil. sandy - 2° rate
Dense sagebrush, and
Scattering cedars.

Subds

Tp. 15 N. R. 11 W.

Chs	
	Commence at cor. Secs. 3, 4, 33 & 34, on South boundary of Tp. which is post set in a mound of Earth, marked with 3 notches on E. & W. edges, with other regulation marks, pits—
	Thence I run North, bet. Secs. 33 & 34. Va. 18° E.
40.00	Set cedar post 4 ft long, 3" square, with marked stone, 12" in the ground, for 1/4 sec. cor. marked 1/4 s. on W. face, dug pits 18 x 18 x 12" N. & S. post, 5 1/2 ft dist. & raised a mound of Earth, 1 1/2 ft high, 3 1/2 ft base alongside.
80.00	Set sandstone 14 x 8 x 6", 10" in the ground, for cor. to secs. 27, 28, 33 & 34, marked with 1 Notch on S. & 3 notches on E. edges; dug pits 18 x 18 x 12"

BOOK-A-213

Sub

Tp. 15 N

Chs	
	in Each raised a 2 ft high along Land, Soil, Dense Scatt
	East. on bet
40.00	Set tem
80.06	Intersect Secs. 26
	West. o bet
40.03	Set ced square. 12" in th

Sub^ds

T/6. 15 N. R. 11 W.

in each sec. 5½ ft dist. & raised a mound of earth 2 ft high 4½ ft base alongside.
Land, nearly level
Soil, sandy - 2^d rate
Dense sagebrush and scattering cedars

East. on a random line
bet. secs. 27 & 34.
Va. 18° E.
40.00 Set temp^y 1/4 sec. cor.
80.06 Intersect N. & S. line at cor. to secs. 26. 27. 34 & 35.
Thence
West. on a true line
bet. secs. 27 & 34.
With same Va.
40.03 Set cedar post 4 ft long. 3^in square, with marked stone. 12^in in the ground, for 1/4 sec. cor.

Subds

Tp. 15 N. R. 11 W.

chs	Marked 1/4 s. on N. face; dug pits 18×18×12 E. & W. of post 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base around post.
80.06	The cor. to secs. 27. 28. 33 & Land. sloping slightly to the South
	Soil. Sandy - 2d rate Dense sagebrush. & Scattering Cedars.
	North. bet secs. 27 & 28. Va. 18° E.
20.50	Intersect the boundary line bet. Utah & Idaho. where I set a sandstone 15×12×6" 11" in the ground. for closing cor. to secs. 27 & 28. Marked - C.C. S. 28. U. - S. 27. on S. face; dug pits 18×18×12 S. E. & W. of stone. 5½ ft dist. & raised a

BOOK-A-21

Sub

Tp. 15 N

mound
4½ ft bas
Bound
105 m. on E
N. faces.
Idaho
S. 29 - S.
N. is 2.
Land.

Soil.
Den
Sc

Co
secs. 4.
bound
a post
Earth.
notch
on W.
regula

Subdivs

No. 15 N. R. 11 W.

mound of Earth 2 ft high
4½ ft base alongside.
Boundary post marked
105 m. on E. - N. on S. & I on
N. faces, is, 2.08 chs West.
Idaho Sub. cor. post marked
S. 29 - S. 30. & 5 notches on
N. is 2.64 chs West.
Land. nearly level
bench land
Soil: sandy - 2 rate
Dense sagebrush. &
scattering cedars

Commence at cor. to
secs. 4. 5. 32 & 33. on South
boundary of Tp. which is
a post set in a mound of
Earth. marked with 4
notches on E. & 2 notches
on W. edges. with other
regulation marks. & pits.

Subs

Tp. 15 N - R. 11 W.

Chs	Thence I run North. bet. Secs. 32 & 33 Va. 18° E.
40.00	Set Cedar Post 4 ft long 3 square, with marked Ston 12" in the ground. for 1/4 Sec. marked 1/4 S. on W. face: dug pits 18×18×12" N. of post. 5½ ft dist. & raised a mound of Earth 1½ ft high. 3½ ft base around post.
80.00	Set Cedar post. 4 ft long. 3 square, with marked Ston 12" in the ground. for Cor. to Secs. 28, 29, 32 & 33. Marked T. 15 N - S. 28 on N.E. R. 11 W - S. 33 on S.E. S. 32 on S.W. and S. 29 on N.W. faces. with 1 Notch on S. & 4 Notches on E. Edges; dug pits 18×18×12" in Each Sec. 5½ ft dist. and raised a mound of Earth 2 ft high 4½ ft base around post.

BOOK-A-213

Subds

Tp. 15 N - R. 11 W.

Land. undulating bench
Soil. Sandy - 2° rate
Dense sagebrush. and
Scat. cedars on last 40 chs

East. on a random line
bet. secs. 28 & 33.
Va. 18° E.

0.00 Set temp'y 1/4 sec. cor.
0.08 Intersect N. & S. line at cor.
to secs. 27 28 33 & 34.
Thence from
West on a true line
bet. secs. 28 & 33.
with same Va.

7.00 Road. bears N.E. & S.W.
5.00 Hollow. heads N.
0.04 Set cedar post 4 ft long. 3" square. with marked stone. 12" in the ground. for 1/4 sec. cor. marked 1/4 s. on N. face: dug pits 18 x 18 x 12" E. & W. of post 5 1/2 ft dist. & raised a mound

Subds

Tp. 15 N. R. 11 W.

Chs	
	of Earth 1½ ft high. 3½ ft base around post.
80.08	The cor. to secs. 28. 29. 32 & Land. undulating bench Soil. Sandy - 2° rate Dense sagebrush. & Scatg cedars.
	North. bet secs. 28 & 29. Va. 18° E.
20.44	Intersect the boundary line bet. Utah & Idaho, where I set a cedar post 4 ft long square, with marked stone 12" in the ground. for closing cor. to secs. 28 & 29. Marked — C.O. T. 15 N - S. 28 on E. R. 11 W - S. 29 on W. N. on S. and 4 notches on E. & 2 notch on W. faces: dug pits 18×18×12" S. E. & W. of post 5½ ft dist. & raised a mound of Earth 2 ft high.

BOOK-A-2

Su

Tp. 15 N-

4½ ft base
Boundary
106 M. on
I on N. f
Idaho
T. 16 S. R.
T. 16 S. R.
faces. W
is 5.96 c
Land.
Soil.
Dens
Sca

Co
secs. 5.
bound
a post
marke
E. & 1 N.
other
pits-

Subds

Tp. 15 N - R. 11 W.

4½ ft base around post.
Boundary post marked
106 M. on E. U. on S. and
I on N. faces, is 4.88 chs W.
Idaho Sub. post marked
T. 16 S. R. 28 E - S. 25 on W.
T. 16 S. R. 29 E - S. 30 on E.
faces, with 5 notches on N.
is 5.96 chs west.
Land. undulating bench.
Soil. Sandy - 2d rate
Dense sage brush. and
Scat'g Cedars.

Commence at cor. to
Secs. 5. 6. 31 & 32. on South
boundary of Tp. which is
a post set in a mound of Earth
marked with 5 notches on
E. & 1 notch on W. Edges. with
other regulation marks. &
pits - Thence Irun

Subs do

No. 15 N - R. 11 W.

chs	
	North. bet. Secs. 31 & 32.
	Va. 18° E.
40.00	Set pine post 4 ft long. 4" sq. with marked stone. 12" in the ground. for 1/4 sec. cor. Mark 1/4S. on W. face; dug pits 18 x 18 x 12" N. & S. of post. 5½ ft ditch. raised a mound of Earth 1½ high. 3½ ft base around post.
80.00	Set Cedar post 4 ft long. 4" sq. with marked stone. 12" in the ground. for cor. to Secs. 29, 30, 31 & 32. Marked — T. 15 N - S. 29 on N. E. R. 11 W - S. 32 on S. E. S. 31 on S. W. and S. 30 on N. W. faces. with 1 Notch on S. & 5 Notches on E. Edges; dug pits 18 x 18 x 12" in Each Sec. 5½ ft ditch. and raised a mound of Earth 2 ft high. 4½ ft base around post.
	Land, Undulating Land

No. 15 N

chs	
	Soil, Sa
	Dens
	Stat
	East. on
	bet.
0.00	Set ten
0.10	Intersec
	to Secs.
	T
	West. on
	bet
0.05	Set Ced
	with ma
	ground
	1/4S. on
	x 12" E. &
	raised
	high. 3½
0.10	The Cor
	Land,

Subds

No. 13 N - R. 11 W.

Soil, Sandy - 2d rate
Dense sagebrush & oaks
Scat'g cedars last 20 a

East, on a random line
bet. Secs 29 & 32.
Va. 18° - E.

0.00 Set temp 1/4 sec. cor.
0.10 Intersect N. bd. line at cor.
to Secs. 28, 29, 32 & 33.
Thence
West, on a true line
bet. Secs. 29 & 32.
with same Va.

0.05 Set Cedar post 4 ft long, 3" square
with marked stone, 12" in the
ground for 1/4 sec. cor. marked
1/4 S. on N. face; dug pits 18 & 18
& 12" E. & W. of post, 3 ft dist. &
raised a mound of Earth 1½ ft
high, 3½ ft base around post.
0.10 The cor. to Secs. 29, 30, 31 & 32.
Land, undulating bench.

Subds

Tp. 15 N - R. 11 W.

chs	Soil. sandy - 2° rate Dense sagebrush. and Scat'g cedars
	West. on a random line bet. Secs. 30 & 31. Va. 18° E.
40.00	Set temp'y 1/4 sec. cor.
80.20	Intersect W. boundary of Tp at cor. to Secs. 25. 30. 31 & 36. set by me under this Contract Thence
	East. on a true line bet. Secs. 30 & 31. with same Va. ascending 5°
20.00	Top of ridge. bes N.E. & S.W.
40.20	Set limestone 14 x 10 x 6", 10" in the ground. for 1/4 sec. cor. marked 1/4 on N. face: dug pits 18 x 18 x 12" E. & W. of stone. 5 1/2 ft dist. & raised a mound of Earth 1 1/2 ft high. 3 1/2 ft

BOOK-A-

Tp. 15 N

chs	base a
00	Foot of
00	Road. b
20	The cor.
	Land.
	Soil. s
	Sage.
	North.
0.43	Interse
	line be
	where
	20 x 12 x
	closing
	for cor
	Marki
	"S. 30.
	dug pit
	stone. 5
	mound
	ft base
	Boun
	107 M

Subs

Tp. 15 N - R. 11 W.

base alongside.
00 Foot of hill
00 Road. bears N. E. & S. W.
20 The cor. to secs. 29. 30. 31 & 32.
Land. rolling
Soil. sandy & stony - 3d rate
Sage brush & cedars

North. bet. secs. 29 & 30.
Va. 18° E.
0.43 Intersect the boundary line bet. Utah & Idaho. where I set a quartzite stone 20 x 12 x 10", 14" in the ground for closing cor. to secs. 29 & 30.
Marked - 6.6.
"S. 30. N - S. 29" on S. face: dug pits 18 x 18 x 12" S. E. & W. of stone. 5½ ft dist. & raised a mound of Earth 2 ft high 4½ ft base alongside.
Boundary post marked 107 M on E. N on S. and

Sub^ds

T/p. 15 N. R. 11 W.

I. on N. faces. is 5.08 Ch
west.
Idaho Sub. Cor. Stone m
ked 5 notches N. & 2 notch
is 4.20 Chs West.
Land, rolling
Soil. gravelly & stony -
3^d rate
Cedars & Sagebrush
Oct 9. 1886

General Description
This T/p. is at the foot
Black Pine Mts - would
fair agricultural lands
with irrigation, but there
is no water for the purpose
The west & center portion
covered with cedars suitable
for fence posts - Very little gr
mostly destroyed by stock.

Edmund Wilke

Chas. S. Betts
U.S. Dep. Sur

BOOK-A

S. SURVEYOR GENE

Salt Lake City

The foregoing field
Sub

wnship No. 15 N

the Salt Lake Mer
Edmund

nder Contract No.

ay of June
Oct

xamined, the nece

ade, the said field

re hereby approve

S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Aug 31st 1887

The foregoing field notes of the survey of the Subdivisions

wnship No. 15 N Range No. 11 W

the Salt Lake Meridian. Executed by Edmund Wilkes & Chas S Betts

nder Contract No. 140 of the 24th

ay of June 1886, in the month of Oct 1886, having been critically

xamined, the necessary corrections and explanations

ade, the said field notes, and the surveys they describe

re hereby approved.

William G. Burman

U. S. Surveyor General for Utah.