BOOK-A-176
R: 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE RE-SURVEY OF THE

Part of Exterior Boundary & Survey and Re-survey of the West & North boundaries of Township No. 32 S., *Range No.* 8 W.,

of the Salt Lake Meridian in Utah Territory.

BY

P. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 3rd 1881.

Survey commenced Aug 11th 1881.

Survey completed " 12th 1881.

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Township 32 S. **R.** 8 W.

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

NAMES AND DUTIES OF ASSISTANTS:

Frank Gorhuski	Compassn
George W. Gardner	Chainman
John R. Bennett	Chainman
Adolph Meisel	Chainman
Joseph McEwen	Chainman.
Hiram McEwen	Axeman.
Stephen Barton	Flagman. and Axeman

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BOOK-A-176

[1—PRELIMINARY OATH OF COMPASSMAN.] 3

I, Frank Gorlinski

do solemly swear that I will well and truly perform the duties of compassman, according to instructions given me, and to the best of my skill and ability, in the survey of the Meridian, Standard, and Township lines, by T. C. Bailey U. S. Dep. Sur. under his contract No 102, dated May 27th 1881, lying South and West

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

Frank Gorlinski

Compassman.

Subscribed and sworn to before me this Tenth day of Augt 1881

Edward Kinkade

Notary Public

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[2.—PRELIMINARY OATH OF CHAINMEN.]

We, George W. Gardner, John R. Bennett, ~~and~~ Adolph Meisel, & Joseph McEwen do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the meridian, standard & township lines, by T. C. Bailey U. S. Dep. Surv. under his contract No. 102 dated May 27. 1881, lying South and west of the Salt Lake base and meridian in the Territory of Utah.

George W Gardner, Chainman.

John R. Bennett, Chainman.

Adolph Meisel, Chainman.

Joseph McEwen, Chainman.

Subscribed and sworn to before me this 10th day of Aug. 1881

Edward Michaelis
Notary Public

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5

[3.—PRELIMINARY OATH OF AXEMEN.]

We, Hyram McEwen
and Stephen Barton
do solemly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the Meridian Standard and township lines, by J. C. Bailey U. S. Dep. Sur., under his contract No 102, date May 24. 1881, lying South and West

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

Hiram McEwen, Axeman.

Stephen Barton, Flagman and Axeman.

Subscribed and sworn to before me this 10th day of August 1881.

Edward Michaelis
Notary Public

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Re-survey of a portion of the East Boundary T. 32 S. R. 8 W.

Note:

Wishing to close the Range line on the East side of T. 31 S. R. 8 W, on the 6th standard Parallel South, I made search for the corner to T. 31 & 32 S. R. 7 & 8 W, which I found no trace except a few scattering stones, I thereupon run blank lines N. S. & W. & finally found the old 1/4 sec. cor. standing bet. Secs. 13 & 18, 2 1/2 miles South of the above starting point viz: A conglomerate Rock 12 x 8 x 8 ins, marked 1/4 on W. side which agrees with the description furnished me by the office.

7

Re-survey

East boundary T. 32 S., R. 8 W.

On the night of Augt. 10, 1881, I took an observation on the star Polaris, in accordance with instructions contained in the Manual of surveys and drove pickets on the line this established

Survey commenced with Burt's improved solar compass Augt 11th 1881. Before commencing the survey I test my compass on the line last established last night, and find it correct.

I begin at the above described 1/4 sec. cor.

Salt Lake Meridian

chains bet. secs. 13 & 18 T. 32 S, R. 7 & 8 W, (found by running south on said blank line)
Thence I run
North on re-survey line between secs. 13 & 18
Var. 15°35' E.

36.00 Road bears NE & SW.

40.00 Old corner destroyed - I set charred cedar Post 4 ft. long 4 ins square 12 ins. in the ground for cor. to secs. 7, 12, 13 & 18,
Marked
T. 32 S. S. 7 on NE.
R 7 W. S. 18 on SE.
R 8 W. S. 13 on SW, and
S. 12 on NW. faces with 2 notches on N & 4 on S. Edges, dug pits 18 x 18 x 12 ins, in each sec. 5½ ft.

Re-Survey
East boundary T. 32 S., R 8

chains	dist, and raised mound of earth 2 ft. high 4½ ft base around post. Land level— soil 1st rate— Dense sagebrush,	chains 80.00

North on Re-survey line bet. secs. 7 & 8
Var. 15° 35' E.

40.00	Old stone lying loose 5 links W. of line— I re-set it on line, & a conglomerate 12 x 10 x 6 ins. 8 ins. in the ground for ¼ sec. cor. Marked ¼ on N. side, dug pits 18 x 18 x 12 ins. N & S. of stone 5½ ft. dist, & raised mound of Earth 1½ ft high 3½ ft. base	

S. L. M.

chains alongside.

80.00 Old stone not found - Set Granite stone 14×12×6, 10 ins in the ground for cor. to secs. 1, 6, 7 & 12, Marked 1 notch on N. & 5 on S. Edges dug pits 18×18×12 ins, in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base alongside.

Land level -

Soil 1st rate.

Dense Greasewood & Rabbit brush.

North on re-survey line bet. secs. 1 & 6

11 Re-survey

East boundary T. 32 S. R 8 W

Chains	Var. 15°35' E.
40.00	Old stone gone = Set a Granite 12×10×9 ins. 8 ins. in the ground, for ¼ sec. cor. Marked ¼ on W. side dug pits 18×18×12 ins. N & S. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high 3½ ft. base alongside.
55.25	N. side of state Read NE & SW.
56.75	Deseret Telegraph line " " "
76.50	Wash drains SW.
80.00	Find a few scattered stones, but none marked as far as can be seen; I re-establish the cor. by setting a Conglomerate 18×10×8 ins. (same size as the original) 12 ins. in the ground for cor. to T. 31 & 32

BOOK-A-176 10

S.L.M

S. R. 7 & 8 W. Marked
6 notches on N. E. S. & W.
edges & raised mound
of ~~earth~~ stones alongside.
Land Level —
soil 1st rate.
Sage brush & Greasewood
undergrowth.
Aug 11th 1881 —

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Re Survey of a portion of the West boundary T. 32 S. R. 8 W.

Survey commenced Aug 12. 1881, with a Burts improved Solar compass.

The cor. To Townships 32 & 33 S. R. 8 & 9 W, being found standing from a blank line north between Ranges 8 & 9 W. and found none of the corners standing in place, but found them all nearly obliterated, I therefore deem it necessary to make a re-survey of said line—

I begin at the White Sandstone 20 x 12 x 10 ins, with mound of stones being the old cor. to T. 32 & 33 S. R. 8 & 9 W. & run North on re-survey line bet. Secs. 31 & 36.

Re-survey

West boundary T. 32 S. R 8 W.

chains	Var. 15°30' E.
	through Sage brush.
40.00	Found old charred cedar post lying 50 lks east, the mound and pits obliterated = I re-set same on line 3 ft long 3 ins. square 12 ins. in the ground for re established 1/4 sec. cor. marked 1/4 S. on W. side; dug pits 18×18×12 ins. N.&S. of post & raised a mound of earth 1 1/2 ft high 3 1/2 ft. base around post.
80.00	Find old Stone stone thrown over, west of line - I re-set same viz: Iron stone 15×15×10 ins. 10 ins. in the ground for re established cor. to secs. 25. 30. 31 & 36, marked 5 notches on N & 1 on S. Edges, dug pits 18×18×12 ins.

S. L. M.

in each Sec. 5 ft. dist,
& mixed mound of earth
2 ft. high & ½ ft. base
along side.
Land nearly level.
Soil not rich.
No timber— Sage brush
undergrowth.

North on Re-Survey line
bet Secs. 25 & 30
Var. 15° 30' E.

40.00 Found old charred cedar
post lying down, most of
line; no trace of old mounds
or pits— Set stone on line
3 ft long 3 ins. square, mine.
in the ground for ¼ Sec. Cor.

Re-survey 16

16 West boundary T. 32 S., R. 8 W.

chains

Marked ¼ S. on N. side, dug pits 18×18×12 ins. N. & S. of post, & 5½ ft. dist., & raised mound of earth 1½ ft. high 3½ ft. base around post.

52.50 Nash drains S.E.

62.20 " " S.W.

78.50 Road bears S.E. & N.W.

79.65 " " E. & W.

80.00 Find old stone thrown over, not properly marked; Inset Same viz: Grey Sandstone 14×10×5 ins, 10 ins in the ground for re-established cor. to secs. 19. 24. 25 & 30. Marked 4 notches on N. & 2 on S. Edges, & raised a mound of stones alongside, Land level.

81.

S. L. M.

Soil 1st rate.
No timber.
Dense Sage brush under=
growth.

North on re= Survey line
bet. Secs. 19 & 24
Var. 15° 30' E.

40.00 Find old stone lying loose
near line I re= set the Same
on line, viz: an Iron stone
12 x 10 x 5 ins, 8 ins. in the
ground for re= established
1/4 secs cor. Marked 1/4 on
W. side, dug pits 18 x 18 x
12 ins, N & S of stone 5 1/2
ft. dist, and raised a
Mound of Earth 1 1/2 ft. high

Re-survey 17

West boundary. T. 32 S. R. 8 W.

chains	3½ ft. base alongside.
45.50	Wash drains S.E.
80.00	Find old stone lying loose 11 links west; I re-set same on line viz: Iron stone 10×10×5 ins. 7 ins. in the ground for ~~cor~~ re-established cor. to secs. 13.18.19 & 24, marked 3 notches on N. & S. Edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base alongside.
	Land gently sloping S. soil 1st rate.
	No timber.
	Sage brush under growth.

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Chains	North on m-survey line bet. Secs. 13 & 18, Var. 15° 30' E.
17.50	Hollow drains E.
17.75	Cottonwood Corner in same hollow 2 lks mile runs E.
18.25	Road bears E & W.
28.00	Top of bench N. side of hollow, under cedars & sage & fresh leaves
40.00	Find old stone lying loose 16 links E. the bearing trees have been destroyed. Re-set the old stone viz: a Red Sandstone 15 x 13 x 5 ins, 10 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on N. side & raised a mound of stones alongside.
42.53	Road bears E & W.
80.00	The old cedar tree which

20 Re-survey 19

West boundary T. 32 S. R. 8 W

is called for in the original notes is cut down and destroyed. Set a granite stone 15 x 6 x 6 ins. 10 ins. in the ground for re-established cor. to secs. 13. 18. 7 & 12, Marked 2 notches on N. & W. edges, and raised mound of stones alongside, from which A cedar 12 ins. dia. bears N. 55 E. 25 lks. Marked T. 32 S. R. 8 W. S. 7. B. T. A cedar 12 ins. dia. bears S 5 E. 20 lks. Marked T 32 S. R. 8 W. S. 18. B. T.

Land rolling.

Soil 2d rate.

Cedar on N. 5 2 chs.

Sage brush on balance

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S. L. M.

Chains North on Re-Survey line
bet. Secs. 7 & 12
Var. 15 30' E.

27.00 Gulch drains SE.

40.00 The old cedar tree corner not
found, probably been cut
down and carried away
by wood men; I set a
Granite stone 14 x 8 x 6 ins,
10 ins. in the ground for
1/4 sec. cor. from which
A cedar 12 ins. dia. bears N 50 E. 35 lks
" " 12 " " " N 55 W. 35 "
Both Trees marked 1/4 S. B. T.

80.00 Old stone not found, &
old bearing trees cut away,
or otherwise destroyed—
I set Granite stone 14 x 8 x 4
ins, 10 ins, in the ground
for re-established cor. to

Re-survey 21

22

West boundary T. 32 S. R. 8 W.

Secs. 1. 6. 7 & 12, Marked Notch on N. & S on S. Edges, & raised mound of stones alongside, from which

A cedar 8 ins. dia. bears N. 20 E. 45 links. Marked T 32 S. R. 8 W. S 6. B. T.

A cedar 5 ins. bears S. 55° W. 40 links Marked T. 32 S. R. 9 W. S. 12 B. T.

Land broken cedar hills, soil 2d rate.

Note: End of Re-survey —

"

West boundary T. 32 S. R. 8 W.

chains:

North bet. secs. 1 & 6
Var. 15°30' E.

~~S~~ 21.20	Spring bears S 45° W. about 10 chs. dist, runs S.
27.50	Wash in hollow, drains SW.
30.00	Same " " " " SE
40.00	set Granite 14 x 8 x 5 ins, 10 ins, in the ground for 1/4 sec. cor. Marked 1/4 on W. side, from which Acedar 15 ins. dia. bears S. 50° E. 12 lks. A Pine 8 " " " S. 55 E. 40 " Both trees marked 1/4 S.B.T.
80.00	On S. Slope of hill; set Granite stone 20 x 8 x 6 ins, 14 ins. in the ground for cor. to ~~secs.~~ Townships 31 & 32 S. R. 8 & 9 W, marked 6 notches on N. E. S & W. Edges,

2 3

Nat boundary T. 32 S. R. 8 W.

from which.

A pine 4 ins. dia. bears S 20 W. 20 lks. dist.
Marked T 32 S. R. 9 W. S 1 B. T.

A pine 12 ins. dia. bears N 78 E. 40 lks.
Marked T. 31 S. R. 8 W. S. 31 B. T.

A pine 18 ins. dia. bears N. 12 W. 45 lks.
Marked T. 31 S. R. 9 W. S. 36 B. T.

A cedar 8 ins. dia. brs. S. 60 E. 25 lks.
Marked T. 32 S. R 8 W. S. B. T.

Land Monuments.

Soil 2d rate—

Timber cedar & pine.

"

Re-survey of the North boundary of T. 32 S. R. 8 W.

Having run a blank line West from the cor. to T. 31 S, R, 7 & 8 W. re-established yesterday by me on the re-survey of the East boundary, and find the old corners nearly obliterated ~~for~~ on the 4 miles of former survey I therefore find it necessary to re-survey the said 4 miles—

I begin Aug 12th 1881, at said Tp. cor. & run

West on re-survey line bet. Secs. 1 & 36

Var. 15° 35' E.

Re-survey 26

North boundary T. 32 S., R. 8 W.

13.00 Wash drains SE,

20.00 " " SE,

40.00 Found old stone lying loose 25 links N. of line= Re-set same viz: A conglomerate stone 12×10×6 ins. 8 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on N. side, dug pits 18×18×12 ins. E & W. of stone 5½ ft. dist. & raised mound of earth 1½ ft. high, 3½ ft. base along side.

80.00 Old stone lying loose near line; Re-set same viz: A conglomerate stone 16×10×6 ins. 11 ins. deep for re-established cor. to secs. 1, 2, 35 & 36, Marked 1 notch on E. & 5 notches on W. Edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. & raised a

Mound of earth 2 ft. high
4½ ft. base along side,
Land level—
Soil 1st rate—
No timber— Sage brush
undergrowth—

"

Mst on W= Survey line
bet. Secs. 24 & 35
Var: 15° 30' E.

24,50 Road bears NW & SE,
40,00 Find old stone lying 15 lks
N. I W= set Same Viz: a
Conglomerate rock 14 x 10 x 4 ins,
10 ins, in the ground for
W= established ~~cor~~ ¼ sec. cor.
Marked ¼ on N. side, dug
pits 18 x 18 x 12 ins, E & W. of

21 28 Re-survey 27

North boundary T. 32 S. R. 8 W.

13. chains stone 6 1/2 ft. dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

67.40 Nash (formerly a wood) drains S.E.

75.95 Nash drains S.E.

80.00 Old stone not found & set a Granite 14 x 6 x 5 ins, 10 ins. in the ground for re-established cor. to secs. 2, 3, 34 & 35, Marked 4 notches on N. & S. on E. Edges, & raised mound of stones along side.

Land gentle slope East.
Soil 1st rate.
No timber
Sage brush undergrowth.

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S. L. No. 28

Chains. Meet on Re-Survey line bet. Secs. 3 & 34
Var. 15° 35' E.

37,50 Wash drains S.E.

40,00 Old stone lying loose, bearing tree gone— Re-set the old stone viz: A conglomerate 12 x 10 x 8 ins, 8 ins, in the ground for re-established 1/4 sec. cor. Marked 1/4 on N. side, drag pits 18 x 8 x 12 ins, E & W. of stone 5 1/2 ft. dist, & raised mound of Earth 1 1/2 ft. ~~dist~~ high 3 1/2 ft. base alongside.

64,00 Wash drains S.E.

80,00 Old stone and bearing tree destroyed— Set Lava Rock 14 x 10 x 6 ins, 10 ins, in the ground for re-established

30 Re-survey 29

North boundary, 32 S. R. 8 W.

chains cor. to secs. 3. 4. 33 & 34,
Marked 3 notches on E &
W. Edges, dug pits 18 x 18 x
12 ins, in each sec. 5½ ft.
dist, & raised mound of
Earth 2 ft. high 4½ ft.
base alongside.
Land sloping East,
soil 1st rate.
Sage No timber brush undergrowth.

West on re-survey line
bet. secs. 4 & 33.
Var. 15° 35' E.

15.50 Foot of ridge bears NE & SW.
Enter cedar timber & mountains.
30.00 Gulch drains SE,
40.00 Old cor. not found —
Set Granite stone 14 x 10 x 10 ins

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S. L. 30

Chains 10 ins. in the ground, for re-established 1/4 sec. cor. Marked 1/4 on N. side, & raised mound of stones along side,

80.00 Old corner stone not found and old bearing trees cut down or destroyed, set Granite stone 14 x 10 x 8 ins, 10 ins. in the ground for re-established Cor. to secs. 4, 5, 32 & 33, Marked 4 notches in E. & 2m W. Edges, & raised mound of stone alongside.

Land E. 15.50 chs. Valley, Bal. Mts - & cedar timber. Soil 2d rate.

Note: End of re-survey

32 (New Survey) 31

North boundary T. 32 S. R.

From the last re-established cor. I run West on a random line between secs. 5 & 32, 6 & 31, setting temporary corners at 40 & 80 chs, and at 2 miles 73 links I intersect the west boundary of the Tp. 3 chs. N. of the cor. to T. 31 & 32 S. R. 8 & 9 W.

From the above cor, I run N. 88°56' E, on a true line bet. secs. 5 & 31,

Var. 15°35' E.

3 12.50 Wash 20 lks. wide drains S.E.

4 22.00 " " " " " S.

37.50 Small spring bears N. 50° W. 7 chs, drains S.

8 W. S. L. M.

40.73 Set Granite stone 14×10×6 ins, 10 ins, in the ground for 1/4 sec, cor. Marked 1/4 on N. side & raised mound of stones alongside, from which
A Pine 12 ins. dia. bears N. 40 E. 20 lks
Marked 1/4 S. B. T.

80.73 Set Granite stone 14×8×4 ins, 10 ins, in the ground for cor. to secs. 5. 6. 31 & 32
Marked 5 notches on E, & 1 on W. edges, & raised mound of stone alongside, from which
A Pine 8 in. dia. bears N. 80 E. 12 lks.
Marked T. 31 S. R. 8 W. S. 32 B. T.
Land Mountainous
soil 2d rate –
Cedar & piñon pine.

— " —

North boundary T. 32 S.

chains	N. 88°56' E. on true line bet. secs. 5 & 32. Var. 15°35' E.
12.00	Deep Hollow drains S.E.
26.00	Wash " "
39.00	" " "
40.00	set Granite stone 14 x 8 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised mound of stone alongside.
80.00	To the corner to secs. 4.5. 32. & 33.
x	Land Mountainous, Soil 2d rate. Cedar & Piñon pine.

— " —

General Description

The lands in the Tps. E & W. of the range line have mostly all been subdivided, — The remainder lies in the mountains in R. 7 E; and cannot be subdivided without great labor: the same is true of the unsurveyed portion in R. 8 W.

Aug 12th 1881.

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

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19. 1881

The foregoing field notes of the Re survey of ~~the~~ a portion of the East boundary & Re-survey & Survey of West & North boundaries of Township No 32 S Range No 8 W. of the Salt Lake Meridian, Utah Territory, Executed by F. C. Bailey Under his contract No 102 of the 2nd day of May 1881, in the month of Aug. 1881, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Jde. Salisbury

U. S. Surveyor General for Utah.

BOOK-A-176

R: 1882

Filed 187 .

Examined by B. Gorlinski

Compared by B. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

West & Re-Survey & Survey of the South Boundary of Township No. 32 S., Range No. 9 W.

of the Salt Lake Meridian in Utah Territory.

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 2nd 1881.

Survey commenced August 14 1881

Survey completed " " 1881

2.

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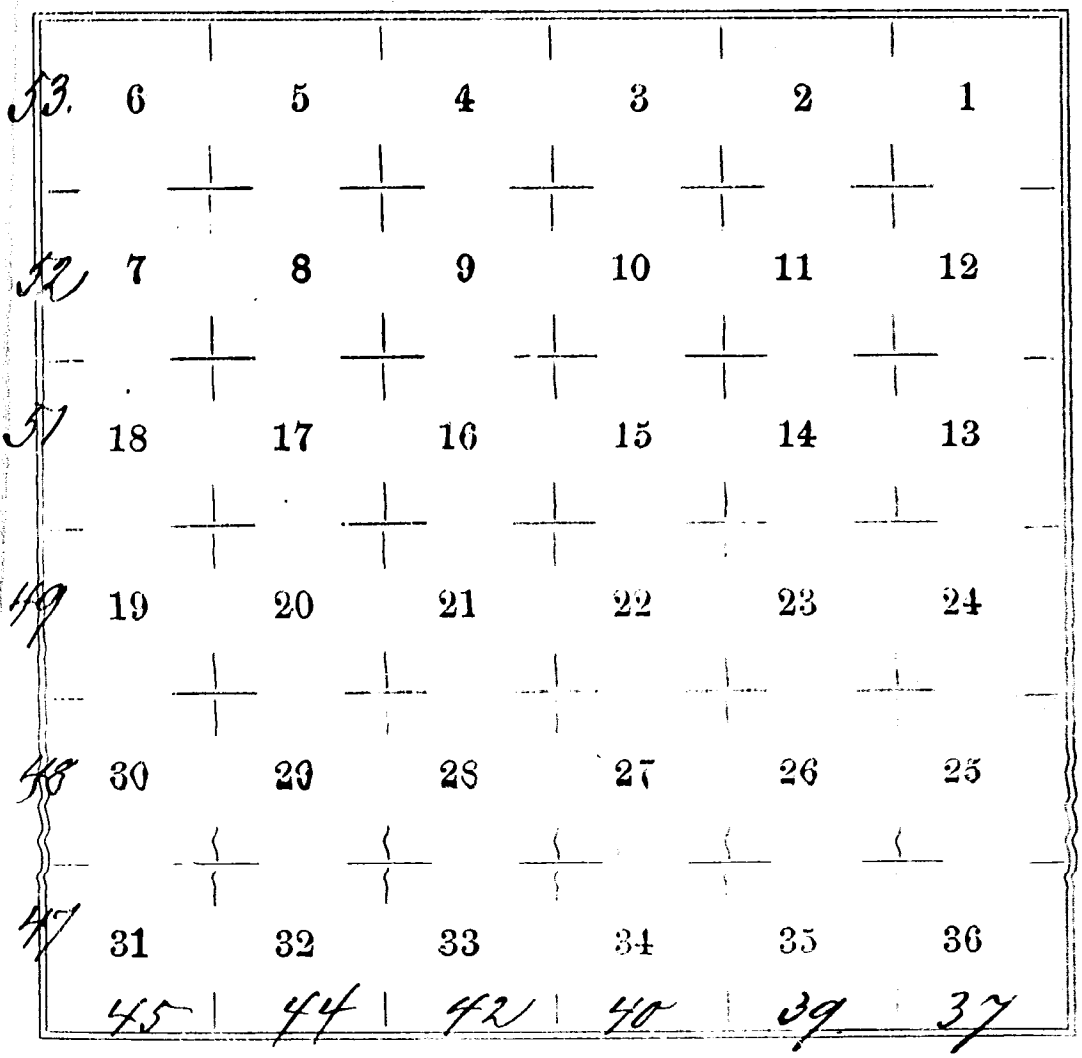
Township 32 S. **R.** 9 W.



Re-survey of a portion of the South boundary of T. 32 S., R. 9 W., & Survey of the remaining 3 miles:

Having run a blank line for 3 miles west from the cor. to T. 32 & 33 S., R. 8 & 9 W., and finding none of the corners so located surely identify them from which to start west to complete the line, & therefore find it necessary to re-survey the 3 miles west from said cor.

Survey commenced Sept. 14th 1881, by a Burt improved Solar compass.

Re-Survey

South boundary T. 32 S. R. 9 W

Chains.	From the above township cor. to T. 32 & 33 S. R. 8 & 9 W. Reset by me on the 12th inst. I run
	West on re-survey line bet. secs. 1 & 36
	Var. 15°45' E.
40.00	Old corner post not found. Set charred cedar post 3 ft. long 3 ins. square, 12 ins. in the ground for ¼ sec. cor. marked ¼ S. on N. side; dug pits 18×18×12 ins. E. & W. of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
42.00	Wood road bears N. W.
44.00	Dry bed drains S. E.
[illegible]	Road bears N. W. & S. E.

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S. L. M. 38

40

Old stone thrown over
I reset same viz: Iron stone
24X8X6 ins. 18 ins. in the
ground for re-established
cor. to secs. 1, 2, 35 & 36, marked
~~one~~ 1 notch on E. and ~~five~~ 5
notches on W. edges; dug
pits 18X18X12 ins. in each
sec. 5½ ft. dist. raised a
mound of earth 2 ft.
high 4½ ft. base alongside.
Land nearly level.
Soil first rate.
Sage brush undergrowth
No timber.

39 Re-Survey

41

South Boundary T. 32 S.

Chains	West on re survey line bet. secs. 2 & 35
	Var. 15°45' E.
11.50	Wash drains S.E.
40.00	Old corner stone displaced I reset same viz: an Iron stone 12X12X8 ins. 8 ins. in the ground for westab[illegible] 1/4 sec. cor, marked 1/4 on N. side dug pits 18X18X12 ins. and raised a mound of earth 1½ ft. high 3½ ft. base alongside. Ascend.
72.00	Enter cedars
80.00	Old stone displaced. I reset same viz: an Iron stone 22X10X6 ins. 14 ins. in the ground for westablished cor. to secs 2, 3. 34 & 35 from which

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R. 9. W. S. L. M. 42

Chains	a cedar 10 ins. dia brs. N. 79½ E. 80 lks.
	marked T. 32 S. R. 9 W. S. 35 B. T.
	A cedar 8 ins. dia. brs. S. 73° E. 111 lks.
	marked T. 33 S. R. 9 W. S. 2 B. T.
	A cedar 12 ins. dia. brs. N. 80 W. 87 lks.
	marked T. 32 S. R. 9 W. S. 34 B. T.
	A cedar 4 ins. dia. brs. S. 31½ W. 22 lks.
	marked T. 33 S. R. 9 W. S. 3 B. T.
	Land E. ½ rolling. W ½ Mts.
	Soil second rate.
	Timber cedar on W. 8 chns.
	Balance sage brush.
	"
	West on re-survey line bet
	Bet. secs. 3 & 34
	Var. 15°45' E.
24.50	Gulch drains N. W.
24.50	Top of Granite ledge. N. S.
40.00	No trace of old corner. Set.

41 Re-Survey

43

South Boundary 32 S. R. 9 W.

chains	Trachyte stone 18×12×5 ins. 12 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on N. side raised a mound of stone alongside.
60.00	Ravine drains N.
80.00	No trace of old corner. I set Trachyte 36×12×6 ins. 24 ins. in the ground for re established cor. to secs. 3. 4. 33 & 34 marked 3 notches on E & W. edges. from which
	A pine 5 ins. dia. brs. N. 80° W. 30 lks. marked T. 32 S. R. 9 W. S. 33 B. T.
	A pine 5 ins. dia. brs. S. 10° E. 40 lks. marked T. 33 S. R. 9 W. S. 3 B. T.
	A cedar 6 ins. dia. brs. S. 55° W. 50 lks. marked T. 33 S. R. 9 W. S. 4 B. T.
	A cedar 4 ins. dia. brs. N. 45° E. 40 lks.

W. S. L. Bn.

marked T. 32 S. R. 9 W. S. 34 B. T.
Land Wts.
Soil 2nd rate.
Timber cedar & Pine
Note — End of Re-survey

"

West on a true line
Set secs. 4 & 33
Var. 15° 45' E.

Ascend
40.00 Set Granite stone 36x14x6.
ans. 24 lks. in the ground
for 1/4 sec. cor. marked 1/4 on
N. side and raised a
mound of stone alongside
from which a cross (X)
on a Porphyry boulder
40 x 20 x 10 lbs. S. 80° E. 20 lks.

43 Survey

South boundary T. 32 S. R 8 W

Ch	Chains		
		on extreme S. E. point of ridge.	
		A pine 12 ins. dia brs. N.	
11		85 W. 65 lks. marked 1/4 S.	29.0
46		B. T.	35.0
	47.50	N. side of large boulder	40.0
	48.50	Top of Mts. descend	
	80.00	Foot of main Mts. set	
		Trachyte stone 14×12×8 ins.	
		10 ins. in the ground for cor.	
		to secs. 4. 5. 32 & 33 marked	
		4 notches on E. and 2 on	80.0
		W. edges and raised a	
72		mound of stone alongside	
80.		Land Mts.	
		Soil 2nd rate	
		Timber cedar & pine	

S. L. M.

West on true line
bet. Secs. 5 & 32
Var. 15°45' E.

29.50 Nash drains N.W.
35.00 Bench N.W.
40.00 Set Trachyte 15 x 12 x 6 ins,
10 ins. in the ground for
¼ sec. cor. Marked ¼
on N. side, & raised a
mound of stones along
side
80.00 Set Iron stone 16 x 14 x 8 ins,
11 ins. in the ground
for cor. to Secs. 5, 6, 31 & 32
Marked 5 notches on E &
1 on W. Edges, & raised
mound of stone along
side, from which
A cedar 14 ins. dia. brs. S 55° E. 15 lks.
Marked T. 33 S. R. 9 W. S. 5 B. T.

47 46

South Boundary T. 32 S. R. 9 W.

6	chains	A cedar 16 ins. dia. bears N 8½° E. 30 lks.
		Marked T. 32 S. R 9 W. S. 32. B. T.
		A cedar 16 in. dia. brs. S 46½° W. 50 lks.
1		Marked T. 33 S. R. 9 W. S. 6. B. T.
4		A cedar 20 ins. dia. bears N 43½° W. 20 lks.
		Marked T. 32 S. R 9 W. S. 31 B. T.
		Land foot hills,
		soil 2d rate.
		Cedar and pine timber.
		"
		West on true line
7		bet. Secs. 6 & 31
8		Var. 15° 45' E.
	30.00	Leave timber
	40.00	set Iron stone 24 x 8 x
		8 ins. 18 ins. in the ground
		for ¼ sec. cor. marked
		¼ on N. side, and raised

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S. L. M. 46

chains	Mound of stone along side.
80.00	Set Granite stone 14 x 8 x 6 ins, 10 ins. in the ground for corner to T. 32 & 33 S. R. 9 & 10 W. Marked 6 notches on N. E. S & W. edges; dug pits 24 x 18 x 12 ins, lengthwise on each line N. S. E. & W. of stone 6 ft. dist, & raised a mound of earth 2½ ft. high 5 ft base alongside. Land foot hills of Mountains — Soil 2d rate. Cedar & pine on 30 chs, Bal, sage brush under growth on 70 chs.

47

West Boundary T. 32 S. R. 9 W.

chains	From the above described cor. to T. 32 & 33 S. R. 9 & 10 W. I run North bet. Secs. 31 & 36 Var. 15° 45' E.	
12.00	wash drains SW.	
15.00	Top of bench - Enter cedars.	
40.00	Set Granite stone 25 x 10 x 9 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, from which	26.
	A ~~cedar~~ Pine 14 in. dia. bears S 85 W. 131 lks.	34.
	A Pine 12 " " S 40 E. 103 "	40.
	Both marked "1/4. S." B.T.	
80.00	Set Granite stone 25 x 11 x 7 ins. 18 ins. in the ground for cor. to secs. 25. 30. 31 & 36 marked 5 notches on N. & 1 on S. Edges, and raised a mound of stones along side;	

Land rolling =
Soil 1st Rate.
Scattering cedars & sage brush.

North bet. secs. 25 & 30
Var. 15° 45' E.

26.50 Wash in hollow drains SW.
34.00 Leave hollow.
40.00 Set Quartzite 20×10×5 ins.
14 ins. in the ground
for 1/4 sec. cor. Marked
1/4 on N. side & dug
pits 18×18×12 ins. N & S
of stone 5½ ft. dist;
Mound mound of
Earth 1½ ft. high 5½
ft. base along side.

51

49

West Boundary T32S R.

80.00 Set Trachyte stone 14×8×
8 ins, 10 ins. in the ground
for cor. to secs. 19. 24. 25 & 30
Marked 4 notches on N &
Son S. Edges: dug pits
18×18×12 ins, in each sec,
5½ ft. dist & raised a
mound of ~~stones~~ Earth 2 ft high
4½ ft. base alongside.
Land rolling.
Soil 2d rate.
Scattering cedars &
dense sage brush.

North bet. secs. 19 & 24
Var. 15°45' E.

15.00 Heavy growth of timber.
40.00 Set Granite 18×15×12 ins

BC
9
60.0
80.0

9 W. S.L.M.

12 ins. in the ground for
1/4 sec. cor. marked 1/4
on W. side, from which
A cedar 20 ins. dia. brs. S. 85° E. 25 lks
" " 15 " " " S 70 W. 20 "
Both trees marked 1/4 S B.T.
60.00 Leave timber.
80.00 Set Granite stone 14 ~~#~~ x 10 x
6 ins. 10 ins. in the ground
for cor. to secs. 13. 18. 19 & 24
marked 3 notches on N.
& S, Edges, and raised
mound of stones along=
side.
Land rolling
Soil 1st rate.
Timber cedar on 45 chs.

— " —

53 61

West Boundary T. 32 S. R. 9 W

chains	North bet. secs. 13 & 18.
	Var. 15° 45' E.
40.00	Enter hollow drains SW.
	Set Trachyte stone 14 x 12 x
	10 ins, 10 ins. in the ground
	for 1/4 sec. cor. Marked
	1/4 on W. side & raised
	mound of stone along
	side;
54.50	Wash, leave hollow drains
	S.W. Ascend low bench
80.00	set Trachyte stone 15 x 13 x
	8 ins. 10 ins. in the ground
	for cor. to secs. 7, 12, 13 & 18
	Marked 2 notches on N. &
	4 on S. Edges, & raised a
	Mound of stones alongside.
	Land rolling; soil 1st rate
	Dense Sage brush
	No timber;

27.5
30.0
36.0
40.0
44.
65.
80.0

S. L. M. 62

North bet. Secs. 7 & 12
Var. 15°45' E.

27.50 Wash drains SW.
30.00 Top of Bench SW.
36.00 Descend
40.00 Set Trachyte stone 16 x 12 x 8 ins. 11 ins in the ground for 1/4 sec. cor. Marked 1/4 on W. side & raised Mound of stone along side.
44.00 Foot of Bench, Enter hollow.
65.00 Wash drains SW. ascend
80.00 Near top = Set Granite stone 14 x 12 x 7 ins, 1 ins in the ground for cor. to secs. 1. 6. 7 & 12 Marked 1 notch on N. & 5 on S. Edges, & raised Mound of stone alongside.

West Boundary T. 32 S.R

Land rollings
Soil 1st rate.
Dense Sage brush.
No timber.

— " —

North bet. Secs. 1 & 6
Var. 15°45' E.

1.50 Top of Bench brs. NE & SW.
11.00 Descend
24.50 Enter Hollow drains SW.
26.50 Wash in " " "
29.00 " " " " " X
leave hollow,
40.00 set Trachyte stone 16 x 10 x
4 ins. 11 ins. in the
ground for 1/4 sec. cor.
marked 1/4 on W. side
& raised mound of stones

9 W. S. L. M

Chains	alongside.
54.00	Top of Ridge brs N & S W.
80.00	set Trachyte stone 24 x 14 x 4 ins. 18 ins, in the ground, for cor. to Tps. 31 & 32 S. R. 9 & 10 W.
	Marked 6 notches on N. E. S & W. Edges & raised Mound of stone alongside.
	Land rolling.
	Soil 1st rate.
	Dense sage brush.
	No timber.
	Aug 14. 1881

—— " ——

General description.

"

The land in this township is generally 1st & 2d rate, rolling hills & mountains containing cedar & Piñon pine timber. There is a claim located at "Cave Springs" situated about in Sec. 10.—

The township can be subdivided by expending more labor than usual.

P. C. Bailey
U. S. Dep. Surv

"

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19 1881

The foregoing field notes of the survey of the West Boundary & Re-Survey & Survey of the South Boundary Township No 32 S Range No 9 W. of the Salt Lake Meridian, Utah Territory, Executed by P. C. Bailey Under his contract No 102 of the 2nd day of May 1881, in the month of August 1881, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

J. H. Salomon

U. S. Surveyor General for Utah.

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R: 1882

Filed 187 .

Examined by A. Gorlinski

Compared by A. Gorlinski & C. Michaels

FIELD NOTES

OF

THE SURVEY OF THE

South & West Boundaries

of Township No. 32 S , Range No. 10 W.

of the Salt Lake Meridian in Utah Territory.

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 24th 1881.

Survey commenced Aug 16 1881.

Survey completed " " 1881.

3.

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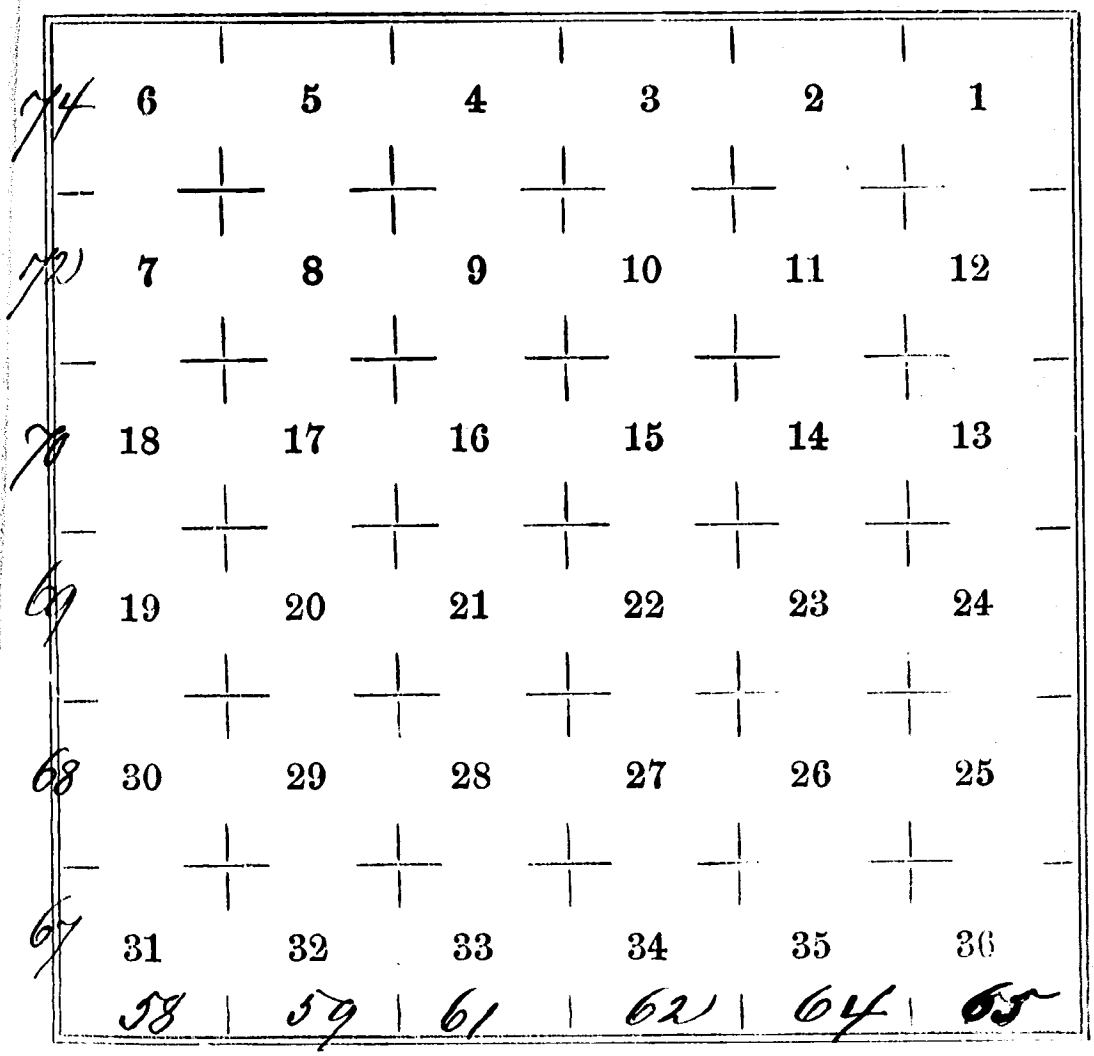
Township 32. S. **R.** 10 W.



South boundary T. 82 S. R. 10 W.

Survey commenced Dec. 16th, 1881, with a Burt's improved solar compass, which I have previously tested on the points established on my Meridian, and found correct.

From the Granite stone 14 x 8 x 6 ins, with pits & mound of earth, the cor. to Sec's. 32 & 33 S. R. 9 & 10 W. I run West on a random line between said townships on Range 10 W, setting temporary corners at 40 & 80 chains, & at 6 miles I make search for the old

South bor. [illegible], T. 32 S.R.

township corner, which I fail to find, after retracing the Range line South in T. 33 S. R. bet. R's 10 & 11 W, for 6 miles, on which line I found no corners standing from which I could make my closing, I therefore, at the end of my above random line, set an Trachyte stone 18 x 10 x 10 ins. 18 ins. in the ground for re-established cor. to T. 32 & 33 S. R. 10 & 11 West, marked six notches on N. E. S. & W. edges & raised a mound of stones along side,

10 W. S. L. M.

Chains From the above cor. to ~~secs~~ T. 32 S. R 10 & 11 W. I run

East on a true line bet. secs. 6 & 31

Var. 15°45' E.

40.00 Set Ironstone 15×15×10 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side; dug pits 18×18×12 ins. 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.

45.90 Wash drains SE.

80.00 Set Trachyte 15×10×7 ins. 10 ins. in the ground for cor. to secs. 5 6. 31 & 32 marked 1 notch on W. &

59

South Boundary T. 32 S Rs

chains 5 on E. Edges, & raised
Mound of stone alongside.
Land Bench —
soil 1st rate.
Heavy sage brush.
No timber.

— " —

East on true line
bet. Secs. 5 & 32
Var. 15° 45' E.

40.00 set Trachyte stone 17 x 15 x
6 ins. 11 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. side, dug pits
18 x 18 x 12 ins. E & W. of stone
5 1/2 ft. dist, & raised a
mound of ~~stone~~ Earth.
1 1/2 ft. high 3 1/2 ft. base

10 ... S. L. M.

along side.

45.00 Road to Minersville & Rush Lake, bears SE & NW.

67.00 Wash drains SE.

80.00 Set Trachyte 16 x 14 x 5 ins, 11 ins. in the ground for cor. to secs 4, 5, 32 & 33, Marked 3 notches on W, & 4 on E. Edges, dug pits 18 x 18 x 12 ins, in each sec, 5½ ft. dist, & raised a mound of earth 2 ft. high 4½ ft. base, along side.

Land bench.

Soil 1st rate.

Dense Sage brush under growth.

South boundary T. 32 S.

chains

East on true line
bet. Secs. 4 & 33
Var. 15°45' E.

8.00 Hollow drains S E.
29.50 " " "
40.00 set Trachyte 14×10×8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, dug pits 18×18×12 ins. E & W. of stone 5 1/2 ft. dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.
54.00 Edge of Bench, descend to
59.50 Wash drains S W.
65.00 Top of ridge bears S W & N E.
80.00 set Trachyte 15×10×8 ins.

R 10 W. S. L. M.

10 ins. in the ground for cor. to secs. 3. 4. 33 & 34, marked 3 notches on E & W. Edges; dug pits 18 x 18 x 12 ins, in each sec. 5½ ft. dist & raised mound of earth 2 ft. high 4½ ft. base alongside.
Land nearly level.
Soil 1st rate.
Dense sage brush.
No timber.

—— " ——

East on true line
bet. Secs. 3 & 34
Var. 15° 45' E.

10.00 Enter hollow drains S E.

6 67 63

South boundary T. 32 S.

16.25 Wash in hollow drains S.E.
22.50 Leave hollow " "
30.00 Bench slope bears S.E. & N.W.
40.00 Set trachyte 14×12×6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, dug pits 18×18×12 ins. 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.
80.00 In hollow drains S.E. Set Trachyte 15×10×5 ins. 10 ins. in the ground for cor. to secs. 2, 3, 34 & 35 Marked 2 notches on E. & 4 on W. edges dug pits 18×18×12 ins. in Each sec. 5 1/2 ft. dist.

2 5.
4 0.
4 5.

and raised mound of earth 2 ft. high 3½ ft. base alongside. Land rolling bench - soil 2d rate, dense sage brush - no timber.

"

East on True line bet. Secs. 2 & 35 Var. 15°45' E.

25.00 Wash drains SW.

40.00 Set Sandstone 15x10x8 ins. 10 ins. in the ground for ¼ sec. cor. Marked ¼ on E. side & raised mound of stones alongside

45.00 Wash drains SE.

South Boundary T. 32 S R.

50.00 ~~Ascend~~ wash drains
SW. ascend

80.00 Set Trachyte stone 17 x 15 x 4
ins. 11 ins. in the ground
for cor. to secs. 1, 2, 35 & 36
Marked 5 notches on W. & 1
on E. edges, & raised a
mound of stone along
side.
Land rolling bench
soil 2d rate.
Dense sage brush.
No timber.

East on true line bet. secs 1 & 36
Var. 15° 45' E.
Enter timber.

2.00 Top of Ridge brs. NW & SE.

40.00 Set Limestone 15 x 12 x 10 ins

10 W. S. L. M.

chains 10 ins. in the ground, for
1/4 sec. cor. marked 1/4 on
N. side, from which
A Piñon 6 in. dia. brs. N. 88° E. 40 lks.
A cedar 8 " " " N 23° W. 52 "
Both trees marked 1/4 S. B. T.
60.00 Wash drains S.W. Leave timber.
80.00 The Granite stone 14 x 8 x
6 ins. with pits & mound,
the cor. to T. 32 & 33 S. R.
9 & 10 W.
Land broken.
Soil 2d rate.
Timber, cedar & pine &
dense sage brush.

— " —

West boundary T. 32 S R 10 W.

chains

From the cor. to T. 32 & 33 S. R. 10 & 11 W. which is an Trachyte stone 18 x 10 x 10 ins, with mound of stones, Draw North bet. secs. 31 & 36 Var. 15° 45' E.

40.00 set Trachyte stone 24 x 24 x 15 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, dug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 feet dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

80.00 Set Trachyte stone 18 x 10 x 10 ins. 12 ins. in the ground for cor. to secs. 25, 30, 31 & 36 marked 5 notches on the N.

S. L. M.

Chains and one on the S. edges and raised a mound of stone alongside.
Land bench.
Soil 1st rate.
Dense sage brush.

North bet. secs 25 & 30
Var. 15°45' E.

40.00 Set Trachyte 16X12X8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on the W. side; dug pits 18X18X12 ins. N. & S. of stone 5½ ft. dist. and raised a mound of Earth 1½ ft. high 3½ ft. base alongside.

80.00 Set Trachyte 20X12X10 ins.

6 73 69

West Boundary T. 32 S. R. 10 W.

14 ins. in the ground for cor. to secs. 19. 24. 25 & 30 marked 4 notches on the N. & 2 on S. Edges, and mound of stone alongside.
Land broken.
Soil 1st rate.
Dense sage brush.
No timber

North bet. secs. 19 & 24
Var 15° 45' E.

6.50 Hollow drains S. W.
10.00 Enter cedars
40.00 Set Trachyte stone 24 x 16 x 7 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side from which

.10 W. S. L. Mer.

Chains Acedar 14 ins. dia. brs. S. 72 W. 10 lks.
" " 14 " " " N. 42 E. 6 lks.
Both trees maked 1/4 S. B. T.

75.00 Leave timber.

80.00 Set Trachyte stone 30 X 11 X 7 ins.
22 ins. in the ground for
cor. to secs. 13. 18. 19 & 24 marked
3 notches on N. & S. edges.
and raised a mound of
stone alongside.
Land broken.
Soil 2nd rate.
Cedar timber & dense sage
brush.

North bet. secs. 13 & 18
Var. 15° 45' E.

5.00 Wash drains S. W.

15.00 Top of ridge brs. S. W.

6 75 West B[illegible] 71 [illegible] 32 [illegible] R. 10

Chains. Descend on E. slope of ridge

40.00 Set Trachyte stone 15X15X7 ins. 10 ins in the ground for ¼ sec. cor. marked ¼ on W. side and raised a mound of stone alongside.

50.00 Hollow drains S. E. enter cedars

60.00 Top of ridge, brs. S. E. & N. W.

65.00 Wash drains S. E.

70.00 Top of ridge

80.00 Set Trachyte stone 20X16X4 ins. 14 ins. in the ground for cor. to secs. 7, 12, 13 & 18 marked 2 notches on N. & 4 on S. edges and raised a mound of stone alongside from which

A pine 12 ins. dia. brs. S. 71 W. 30 lks.

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W. S. L. M.

Chains marked T. 32 S. R. 11 W. S. 13 B. T.
A pine 10 ins. dia. brs. S. 70½ E. 50 lks.
marked T. 32 S. R. 10 W. S. 18 B. T.
A cedar 14 ins. dia. brs. N. 2 W. 68 lks.
marked T. 32 S. R. 11 W. S. 12. B. T.
A pine 10 ins. dia. brs. N. 29 E. 40 lks.
marked T. 32 S. R. 10 W. S. 7 B. T.
Land Mts.
Soil 2nd rate.
Timber cedar.

North bet. secs. 7 & 12
Var 15°45' E.

Descend
2.50 Gulch drains S. E.
10.00 Top of ridge
20.00 Wash drains S. E.
40.00 Top of ridge, bet Trachyte

West Boundary T. 32 S. R. 10 W.

stone 14×10×10 ins, 10 ins in the ground for 1/4 sec cor. marked 1/4 on W. side from which

Acedar 8 ins. dia. brs. S. 62 E 10 lks.

" " 8 " " " S. 61 W. 12 lks.

Both trees marked 1/4 S. B. T.

41.00 Gulch drains S. E.

47.00 Ridge brs. S. E. & N. W.

53.00 Gulch drains S. E.

50.00 Top of ridge brs N. W. & S. E.

58.00 Wash drains S. E.

80.00 Top of divide brs. N. W. & S. E.

Stationary Trachyte boulder 4×3×3 ft. above ground for cor. to secs. 1, 6, 7, 12. marked 1 notch on N. and 5 on S. edges with a cross (X) at cor. point and raised a mound of stone along side.

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Land note.
Soil 2nd rate
Scattering cedars.

"

N. ¼ Sec. sec. 176
Var. 16° 45' E.

Leave cedars.

1:.00 Wash drains S. E.

35.00 Top of ridge brs. S. E. & N. W.

40.00 Set Trachyte stone 18 X 10 X 6 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. side, drug pits 18 X 18 X 12 ins. N. & S. of stone 6½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.

50.00 Split two drains S. E.

60.00 Top of ridge. Descend
80.00 Set Triangle stone 18X14X10
12 ins. in the ground
for cor. to Tps. 31 & 32 S. R. 10 W
W. marked 6 notches on
N. E. & W. edges, and
mound of stone
alongside.
Land Mts.
Soil 2nd rate.
Grass sage brush.
No timber

August 16th 1881

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General Description

The lands in this T.
consist of rolling grassy
hills and low benches,
soil Generally 1st rate —
It contains no settlements
at present.
It can be easily subdivided.

F. C. Bailey
U. S. Dep. Surv.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19. 1881

The foregoing field notes of the survey of the South and West boundaries of

Township No 32 S. *Range No* 11 W.

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his *contract No* 102

of the 24th *day of* May 1881,

in the month of Aug. 1881,

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

J. H. Caldwell.

U. S. Surveyor General for Utah.

1.

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Township 32 S. **R.** 11 W.

	96.	95	93	91.	90	89
86	6	5	4	3	2	1
84	7	8	9	10	11	12
83	18	17	16	15	14	13
81	19	20	21	22	23	24
79	30	29	28	27	26	25
78	31	32	33	34	35	36

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R: 1882

Filed *187* .

Examined by E. Gorlinski

Compared by E. Gorlinski, E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

North, & Re-Survey of the
West Boundary (Guide Meridian)
of Township No. 32 S., Range No. 11 W

of the Salt Lake Meridian in Utah Territory.

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27th *188*1.

Survey commenced Aug. 25. *188*1.

Survey completed Aug. 25. *188*1.

COC-A-176

Re-Survey of the 7th Principle meridian
West Boundary T. 32 S. R. 11 W.

Survey commenced Augt. 25th 1881, with a Burts improved Solar compass Tested on the meridian & found correct.

In order to find the corner to T. 31 S. R. 11 & 12 W, so as to make the closing on the north boundary, it is necessary to re-survey the West boundary first, I therefore began at the Sandstone 18 x 14 x 6 ins. with stone mound, the cor. to T. 32 & 33 S, R. 11 & 12 W, & runs N 0.14' E, on the same bearing of the line in T. 33 S. R. 11 & 12 W. (See Explanation at the begin-

Re-survey of the West Boundary T. 32 S. R.

chains using of the notes of the Re-survey of that line)

North 0°14' E. on Re-survey line bet. Secs. 31 & 36

Var. 15°45' E.

7.50 Ridge bears west.

19.00 Ravine drains west.

39.00 Summit brs. E. & W.

40.00 Old stone displaced. Set same on line viz: A red sand stone 17×12×6 ins. 11 ins. the ground for re-estab-lished 1/4 sec. cor. marked 1/4 on W. side and raised a mound of stone alongside.

61.00 Ravine drains N W.

80.00 Old stone displaced; re-set same on line viz: A red Granite stone 30×10×8 ins.

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Guide Meridian 79

11 W. S.L.M.

27 ins in the ground for re-established cor. for secs 25, 30, 31 & 36, marked 5 notches on N. and 1 on S. edges, and raised a mound of stone alongside.

Land Mts.

Soil 2nd rate.

No timber.

North 0° 14' E. on Re-survey line bet. secs. 25 & 30

Var. 15° 45' E.

24.00 West point of ridge.

30.00 Red granite ledge.

40.00 Old stone displaced, re-set same viz: Red sand stone 20 x 8 x 6 ins. 14 in the ground

for re-established ¼ cor.
marked ¼ on W. side and
raised a mound of stone
a longside.

40.60 Ravine drains N.W.

47.00 West point of ridge.

59.00 Ravine drains west.

8.000 Old stone displaced. re-set
same on line viz: red sand
stone 24×8×5 ins. 18 ins. in
the ground for re-established
cor. for secs. 19. 24. 25 & 30.
marked 4 notches on N. and
2 on S. edges: dug pits 18×18
×12 ins. in each sec. 5½ ft.
distant and raised a mound
of earth 2 ft. high 4½ ft base
alongside.
Land rolling hills.
Soil 2nd rate.

Dense sage brush and a few cedars.

N. 0°14' E. on re-survey line bet. secs. 19 & 24
Var. 15° 45' E.

5.00 Ridge brs. E. & W.
21.50 Ravine drains E.
29.00 Ridge brs. N. E. & S. W.
37.50 Wash drains N. W.
40.00 Old stone standing which is a red sand stone 16 X 10 X 5 11 ins. in the ground for ~~cor.~~ 1/4 sec. cor. marked 1/4 on W. side to which I add the regulation mound & pits.
45.00 Leave low hills bear N. E. & S. W.

89 R. survey of the

88 West Boundary T. 32 N. R. 11

Chains

80.00 Old stone displaced. re est
same viz: A gray sand
stone 18 x 12 x 6 ins. 12 ins. in
the ground for re-established
cor. to secs 13, 18, 19 & 24 marked
3 notches on N. & S. edges.
dug pits 18 x 18 x 12 ins. in each
sec. 6½ ft distant and
raised a mound of earth
2 ft. high 4½ ft. base along
side
Low rolling hills.
Soil and rate.
Brush sage brush.
No timber.

"

N. 0°14' E. on re-survey line.
bet. sec. 13 & 18
Var. 15°45' E.

35.00 Wash drains W.

40.00 Old stone displaced, re-set same on line viz: A gray sand stone 17X10X8 ins. 11 in the ground for re-established 1/4 sec. cor. marked 1/4 on W. side with a mound of stone alongside.

80.00 Old corner standing viz: A gray sandstone 20X12X5 ins. 14 ins. in the ground for cor. to secs. 7. 12. 13 & 18. marked 2 notches on N. & 4 on S. edges: dug pits 18X18X12 ins. in each sec. 5 1/2 ft. distant and raised a mound of earth 2 ft. high & 4 1/2 ft. base alongside.

Re-survey of the
84
West Boundary T. 32 S. R.

Land rolling.
Soil 2nd rate.
Dense sage brush.
No Timber.

N. 0°14' E. on re-survey line
bet. secs. 7+12
Var. 14°35' E.

16.50 Wash drains S.W.
40.00 Old stone not found. Set
sand stone 18×12×9 ins.
12 ins in the ground for
re-established 1/4 sec. cor.
Marked 1/4 on W. side, dug
pits 18×18×12 ins. N&S of
stone 5½ ft. dist. & raised
mound of earth 1½ ft. high
3½ ft. base alongside.
60.00 Enter cedars. NW&SE.

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11 W. S.L.M. 86

61.00 Dry Bed of creek drains SE.
80.00 Find old stone lying loose,
Re set same on line. Viz:
Gray Sandstone 17 x 12 x 6 ins,
11 ins. in the ground for re-
established cor. to secs. 1. 6, 7 &
12, Marked 1 notch on N &
5 on S. Edges, & raised
Mound of stone alongside
from which
A cedar 3 in. dia. bears S 55½ E. 24 lks,
Marked T. 32 S. R. 11 W. S. 7 B. T.
A cedar 6 in. dia. bears S 88° W. 82 lks.
Marked T. 32 S. R 12 W. S. 12 B. T.
A cedar 5 ins. dia. bears N 5° E. 117 lks
Marked T. 32 S. R 11 W. S. 6. B. T.
Land rolling -
soil 2d rate - yellow clay.
Dense sage brush.
Cedars on N. 20 chs.

92 Re-survey of the
West Boundary T. 32 S R 11 W

Chains N. 0°14' E. on re-survey line
bet. secs. 1 & 6
Var. 15°30' E.

32.00 Rainie drains N E.
40.00 Find old cor. standing
viz: A Red Sandstone 24 x 10 x 10
ins. 18 ins. in the ground for
~~cor. to secs.~~ 1/4 sec. cor. marked
1/4 on W. side, from which
A cedar 7 ins. dia. bears N 64½° W 83 lks,
" " 4 " " " S 77¾° E. 25 "
Both trees marked 1/4 S. B. T.
79.00 SW. point of Ridge
80.00 Find old cor. standing viz:
A Gray Sandstone 30 x 10 x
8 ins. 21 ins. in the ground
for cor. to Tps. 31 & 32 S. R.
11 & 12 W. in mound of
stones, marked 6 notches on N. E. S & W. ed. gs
from which
A cedar 6 ins. dia. bears N. 11 E. 53 lks

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S. L. M. 87

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Marked T. 31 S. R 11 W. S. 31. B. T.
A cedar 6 ins. dia. bears S 41 E,
24 lks. Marked T. 32 S. R. 11 W.
S. 6. B. T.
Land Rolling —
Soil 2d rate.
Timber cedar.

— " —

88

North Boundary T. 32 S.

From the Cor. to T. 31 & 32 S., R. 11 & 12 W., above described I run East on a random line Var. 15.45' E. along the North boundary, setting temporary corners at 40.80 chs, and at 5 miles 68 chs. & 40 links I intersect the east boundary of the township 5.00 chs. South of the cor. to T. 31 & 32 S., R. 10 & 11 W.,

Note: As this intersection is over 5 chs. "out" it will necessitate the establishment of a double cor. at the intersection of the true line must with the Guide meridian,

chan

24.0

40.0

R. 11 W. S. L. M.

chains as per instructions from the U. S. Sur. Genl's office, & therefore ~~run~~ from the Trachyte stone 18×14×10 ins. with stone mound, the cor. to T. 31 & 32 S. R. 10 & 11 W, I run West on a true line bet. Secs. 1 & 36

Var. 15°35' E.

24.00 Head of Hollow drains N.W.

40.00 Set Trachyte stone 14×10×10 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side. dug pits 18×18×12 ins. E & W. of stone, 5 1/2 ft. dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

96 90

North Boundary T. 32 S.

Same set Sandstone 15 x 12 x 10 ins. 10 ins. in the ground for cor. to secs. 1. 2. 35 & 36 Marked I notch on East & S on N. edges & mound of Stones along side.

Land gentle N. slope.

Soil 2d rate.

Dense Sage Brush.

No timber

"

West on the line bet. Secs. 2 & 35

Var. 15° 35' E.

33.50 Mark drains N.

40.00 Set Trachyte 14 x 10 x 4 ins 10 ins. in the ground for 1/4 sec. cor. Marked 1/4

S. R. 11 W. S. L. M.

x10 chains on N. side & raised a
mound of stones along
side.
36 61.50 Main wash drains N.W.
st 78.00 Top of Ridge bears NE. & SW.
sed 80.00 Set Trachyte 15x10x7 ins,
ng 10 ins. in the ground, for
e. cor. to secs. 2, 3, 34 & 35,
Marked 2 notches on E. & 4
on W. edges, & raised a
mound of stones along
side.
Land Mountainous.
soil 2d rate.
Dense Sage brush.
No timber
"
7 ins West on true line
bet. Secs. 3 & 34
Var. 15°45' E
d 1/4

North Boundary T. 32 S, R 11

8.00 Main wash drains S.
13.00 Top of Ridge N & S
25.50 Main wash drains West.
40.00 set Trachyte stone 12×10×8 ins. 8 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised Mound of stone alongside.
53.10 Main wash drains SW.
65.00 Top of Ridge bears SW & NE
68.00 Ravine drains SW.
74.75 Ridge bears SW & NE
80.00 set Trachyte stone 13×10×6 ins. 9 ins. in the ground for cor. to secs. 3, 4, 33 & 34, Marked 3 notches on E. & W. Edges, & raised a Mound of stone along side.
Land Mountainous

W. S. L. M.

Chains	Soil 2d rate.
	Dense Sage brush.
	No timber.
	"
	West on true line bet. Secs. 4 & 33 Var. 15° 45' E.
3.00	Wash crosses S.
25.00	Ridge bears W.
35.00	" " "
40.00	Set Trachyte stone 13 x 10 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, & raised mound of stone along side.
80.00	Set Trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground for cor. to secs.

100 94

North Boundary T. 32 S. R. 11 W.

4, 5, 32 & 33, marked
4 notches on E. & 2 on W.
Edges; dug pits 18 x 18 x
mins. in each sec. 6½
ft. dist. & raised a
mound of earth 2 ft.
high 4½ ft. base along
side.

Land Mountainous
Soil 2d rate.
Dense sage brush
No timber.

"

Chain

15.0
20.0
33.7
40.0

80.0

11 W. S.L.M.

chains West on true line
bet. Secs. 5 & 32
Var. 15°45' E.

15.00 Hollow drains S.W.

20.00 Leave Same

33.75 Wash drains S.

40.00 Set Trachyte 20×12×7 ins. (Center cedar timber)
14 ins. in the ground, for
1/4 Sec. cor. Marked 1/4
on N. Side, from which
A Cedar 8 ins. diam. bears N. 10° W. 15 lks.
" " 12 " " " S 35° E. 30 "
Both trees Marked 1/4 S. B. T.

80.00 Set Trachyte Stone 23×11×
5 ins. 15 ins. in the ground
for Cor. to Secs. 5, 6, 31 & 32
Marked 5 notches on E. &
1 on W. Edges, & raised
a Mound of Stone along
side, Land Mountainous Soil Drift
Cedars on W. 40 chs.

96

North Boundary T. 32 S. R. 1

chains West on the line
bet. Secs. 6 & 31
Var. 15°45' E.

4.00 Gulch drains S.
18.00 Knoll,
25.00 Gulch drains S.E.
32.00 Ridge bears S.E. & N.W.
37.00 Wash drains S.E.
40.00 Set Trachyte stone 18 x 13, x 4 ins. 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. Side, from which
A cedar 10 ins. dia. bears S 80 E. 30 lks.
" " " " " " N. 76° W. 40 "
Both trees marked 1/4 S.B.T. & V
Leave cedars.
50.00 Ridge bears N.W. & S.E.
68.40 Intersect the Guide meridian 5.60 chs. N. of the cor. to T. 31 & 32 S. R. 11 & 12

R. 11 W. S.L.M.

W. Set Trachyte stone 16×15×5 ins. 10 ins. in the ground, for "Double Cor to T. 31 & 32 S. R. 11 W. Marked 6 notches on N.E. & S Edges, & raised a mound of stone along side.

Land Mountainous

Soil 2d rate.

Dense sage brush &

Cedar timber on E. 40 chs.

Aug. 25th 1881.

—"—

General Description

The land in this Tp. is valley ~~and low~~ in the South East part, balance rolling timbered hills, covered with cedar, There no settlements at present, It can be subdivided.

T. C. Bailey
U. S. Dep. Surveyor.

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec 19th 1881

The foregoing field notes of the survey of the

North & Resurvey of the
West Boundary (Guide Meridian)

Township No 32 S. *Range No* 11 W

of the Salt Lake Meridian, Utah Territory,

Executed by T. C. Bailey

Under his *contract No* 10 B

of the 27 *day of* May 1881,

in the month of Aug. 1881,

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

Fred. Salsbury

U. S. Surveyor General for Utah.

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R. 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & C. Mihaelis

FIELD NOTES

OF

THE SURVEY OF THE

W. Boundary (2 miles); and Resurvey of W. Boundary & one mile S. Bdy
of Township No. 33 S. , *Range No.* 9 W

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27th. 1881.

Survey commenced Aug. 18 1881.

Survey completed Aug. 18 1881.

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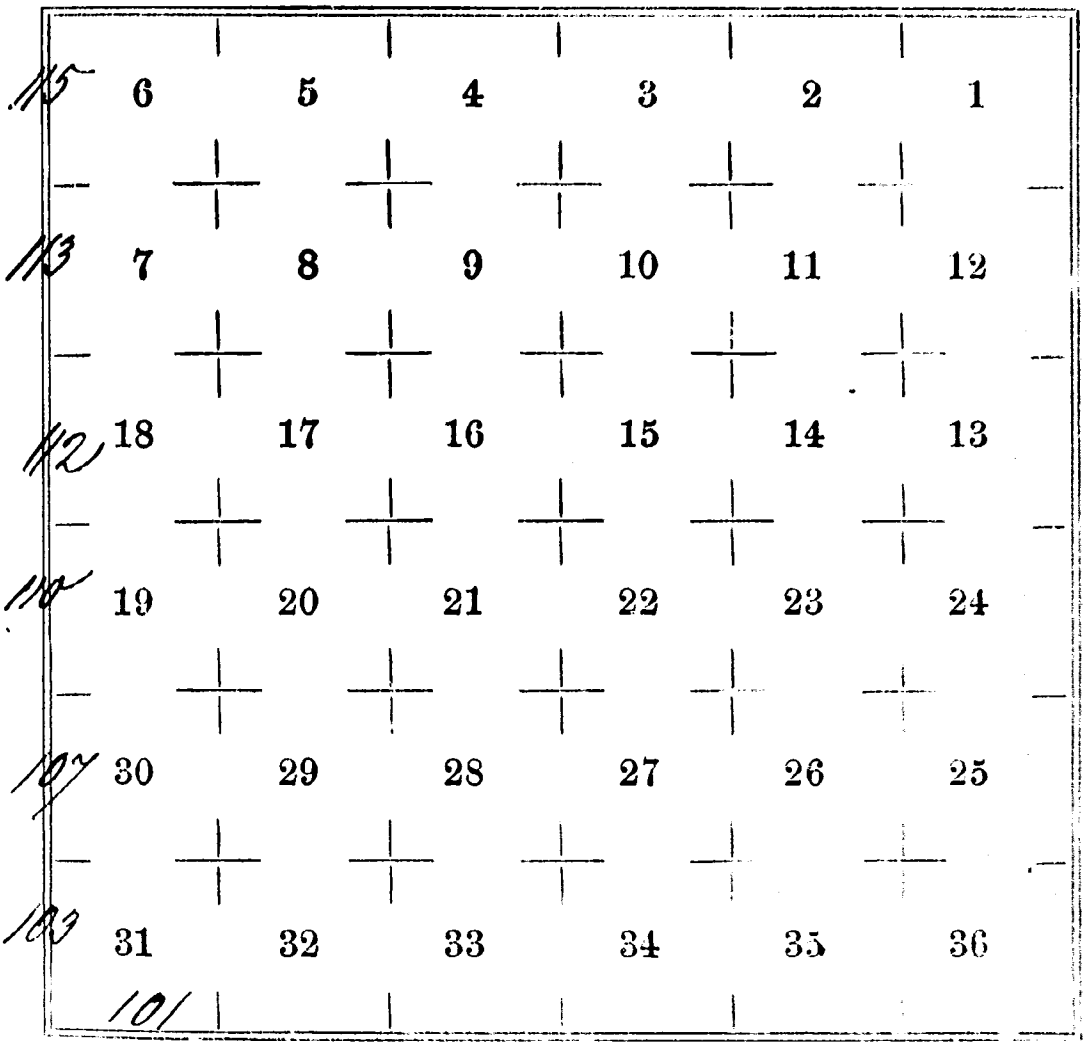
Township 33 S. **R.** 7 W.



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Re-survey of the one mile of the South, & 4 miles of the west & survey of 2 miles of the West Boundaries of T. 32 S. R. 9 W.

Survey commenced Aug. 18th 1881, with a Burts improved solar compass, which I tested on my meridian picket stakes, & found correct.

Having run a blank line South from the cor. to T. 32 & 33 S. R. 9 & 10 W. for 6 miles, and then East one mile bet. secs. 6 & 1 T. 33 & 34 S. R. 9 W, on which line I found no monuments standing on

100 Re-Survey

South Boundary T. 33 S., R.

on which to close, until I reach the White Sandstone 14 x 10 x 5 ins, the cor. to Secs. 5, 6, 31 & 32, which I find standing at a point 9.54 Chains S. & 55 chs. East of the cor. to T. 32 & 33 S. R 9 W. M.

I therefore find it necessary to re-survey & survey the lines thus run, re-establish the corners, & make my connection with the S. Boundary of T. 32 S., R. 9 W., which according to my connection on my blank line at the cor. to Secs. 5, 6, 31 & 32 T. 33 & 34 S. R. 9 W., should be 5 chs E. of the cor. to T. 32 & 33

9 W. S.L.M.

S. R. 9 & 10 W.

From the cor. to secs. 5.6. 31 & 32 viz: a White Sand stone 14 x 10 x 5 ins, I run West on true line

bet. Secs. 6 & 31

Var. 15° 40' E.

In meadow

40.00 no trace of old cor. I set a Charred cedar post 3 ft. long, 3 ins. square 12 ins. in the ground for Re-established 1/4 sec. cor. marked 1/4 S. on N. side, dug pits 18 x 18 x 12 ins, E & W. of post & raised mound of earth 1½ ft. high 3½ ft. base around post.

65.04 East margin of Little Salt lake, which is now nearly

dry, which can be chained across; I find no trace of old meander cor. Set a charred cedar post 3 ft. long, 3 ins. square for ~~[illegible]~~ re-established meander cor. to fractional secs. 6 & 31, marked M. C. with T. 33 S. S. 31 on N. R. 9 W. S. 6 on S. faces, dug a pit 3 ft. square 1 ft. deep 8 links E. of post & raised mound of earth 2 ft. high 4½ ft. base around post.

80.00 Corner falling in soft bed of the lake, where it cannot be perpetuated — I make a temporary mark from which to run North on

the West boundary of the
Tp.
Valley, meadow & lake.
Soil 1st rate.
Sage brush & grass.

"

From the corner point
to T. 33 & 34 S., R. 19 & 20 E.
in the lake as above
mentioned I run
North on a true line
bet. secs. 31 & 36
Var. 15° 40' E.
(Note: As stated before,
a true North line from
this cor. according to
the retracement, will
intersect the North boundary

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West Boundary T. 33 S. R. 9 W

chains of the Tp. 5 chs, east of the Cor. to T. 32 & 33 S. R. 9 & 10 W, and as the instructions of the office is to set double corners on lines closing "out" 5 chs, or more; I therefore run the line true north, & for the further reason that the townships are subdivided on the east & west of the old line.)

The lake being nearly dry I measure across it,

25.84 No trace of old Post. I set a charred cedar post 4 ft. long, 4 ins. square 12 ins in the ground for meander cor. to fractional sections, 31 & 36

S. L. M.

Chain on N.E. margin of Little Salt Lake, marked M.C. with T. 33 S. S. 31 on E. & R. 10 W. S. 36 on cr. faces, dug a pit 3 ft. square 1 ft. deep N. of post, & raised mound of earth around post,

40.00 I found the old cobble stone displaced; I re-set the same on line viz: a cobble stone 10×10×6 ins. 6 ins. in the ground for re-established ¼ sec. cor. marked ¼ cor 21. side, dug pits 18×18×6 ins. & raised mound of Earth 1½ ft. high 3½ ft. base alongside.

57.77 Old stone not found, set charred cedar post

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West Boundary T. 33 S. R. 9

chains 4 ft. long 4 ins. Square,
12 ins. in the ground for
re-established
Meander cor, on South
Margin of Little Salt
Lake, marked M.C.
with T. 33 S. R. 9 W. S. 31 on E.
& R. 10 W. S. 36. on W. faces,
dug a pit 3 ft. Square 1
foot, deep. & raised mound
of earth 2 ft. high 4½ ft.
base around post.
(The lake being dry I meas-
ure across) Enter lake
80.00 Corner falling in soft
bed of lake cannot be
perpetuated.
Land 31.93 chains level,
soil 1st rate.
Balance in lake.

— " —

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N. S. L. Vol. 107

Chains North bet. Secs. 25 & 30
Var. 15° 40' E.

34.00 North margin of Little Salt Lake; the old meander post not found, set a Sandstone 8 x 6 x 4 ins, 6 ins. in the ground for re-established meander cor. to fractional Secs. 25 & 30, marked M. C. Dug a pit 3 ft. square 1 ft. deep 8 links N. of Stone, & raised mound of earth 2 ft. high 4½ ft. base alongside,

40.00 Find a small white quartz stone, with a faint + marked on it, lying loose on line; this does not agree with the description of the old

stone which should be
a Sandstone, 10 x 10 x 5 ins,
but as it shows the faint
¼ mark; it must be
the old stone = I re=
set same viz: a white
Quartze 10 x 5 x 4 ins. 7 ins
in the ground for re=est=
ablished ¼ sec. cor. marked
¼ on W. side, dug pits
18 x 18 x 12 ins. 5½ ft. dist,
& raised mound of
earth 1½ ft. high 3½ ft.
base alongside.

47.50 Road bears N.E. & S.W.
59.50 Wash drains N.E.
65.00 Road bears N.E. & S.W.
80.00 Find old white sand
stone lying loose, near
line, which has been

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W. S. L. M. 109

notched, wrong; but is no doubt the old cor. stone. I re-set same viz: a white sandstone 10×8×6 ins. 4 ins in the ground, for re-established cor. to secs. 19, 24, 25 & 30, dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base alongside.

Land rolling.

Soil 2d rate.

Dense sage brush on 46 chs. Bal, in lake—

No timber.

—"—

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118 Re=survey

West Boundary T. 33 S. R. 9 W. W.

chains North on Re=survey line
bet. Secs. 19 & 24.
Var 15°45' E.

3.50 Road bears NW & SE.
14.00 Wash drains SE, Enter timber
40.00 On S. Slope of ridge; the
old stone not found;
the bearing tree missing.
I set a Sandstone 16 x 10 x
7 ins. 11 ins in the ground
for re=established 1/4
sec. cor. marked 1/4 on
W. side, from which a
Cedar 10 in. dia. brs. N 30½° E. 50 lks,
" 14 " " " S 86½ W. 90 "
Both trees marked 1/4 S.B.T.
69.00 Gulch drains SE. Enter
broken Red Mountains.
75.00 Gulch drains NE.
80.00 Fined old stone thrown

W. B. S. L. M.

over, a little west of
line. I re-set same
on line viz: A white
Sandstone 18 x 10 x 5 ins. 12 ins
in the ground for re-
established cor. to secs.
13. & 18, 19 & 24, marked S,
7 notches on N. & S. Edges,
& raised mound of
stone along side, from
which
A Pine 12 ins. dia. brs. S 16 W. 28 lks
Marked T. 33 S. R. 10 W. S. 24 B. T.
A cedar 16 ins. dia. brs. S. 68½ E. 76 lks
Marked T. 33 S. R. 9 W. S. 19. B. T.
Land rolling & broken
Scattering cedar on N.
66 chs.
Soil. 2d rate.

"

120 Re-survey 112

West Boundary T. 33 S. R 9 W

North on Re-survey line
bet. Secs. 13 & 18.
Var. 15° 45' E.

Ascend
39.00 Top of high ridge E & W,
110.00 On N. W. Slope, old corner
not found, & mark a
Quartzite Boulder 6 x 6 x 4
ft. above ground, for
re-established 1/4 Sec.
cor. Marked 1/4 on N. side
+ a cross (x) at the corner
point, from which
a Boulder 10 x 12 x 4 feet
bears South 10 lks.
A Boulder 5 x 3 x 3 ft.
bears East 10 lks.
Both boulders marked
with a cross (+) at
the bearing point.

80.00 Old cor. not found,
I set a Grey Sandstone
18 x 12 x 6 ins. 12 ins. in
the ground for re-est-
ablished cor. to sec. 7, 12
Marked 2 notches on N. & on S. sides
13 & 18 ^ & raised a mound
of stone alongside in
small mound valley.
Land mountainous
soil 2d & 3d rate.
A few cedars.
Note: End of re-survey.

"

North bet. secs. 7 & 12
Var. 15° 45' E.

40.00 Set Grey Sandstone 15 x
15 x 6 ins. 10 ins. in the
ground for 1/4 sec. cor.
Marked 1/4 on N. side

(New Survey)

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West Boundary T. 33 S. R. 9 W.

Chains from which

A Piñon 8 ins. dia. brs. N 45 E. 20 lks

" " " " " " S 75½ W. 79 "

Both trees marked ¼ S. B. T.

45.00 Descend

71.00 Wash drains W.

77.50 W. point of ridge.

80.00 Set Sandstone 16×12×4 ins, 11 ins. in the ground for cor. to secs. 1. 6. 7 & 12 marked 1 notch on N & 5 on S. Edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised a mound of earth 2 ft. high 4½ ft. base along side.

Land Mountainous soil 2d rate scattering cedars.

S. L. M.

North bet. Secs. 1 & 6
Var. 15° 45' E.

21.00 Gulch drains S. W.
27.00 Top of Ridge SW & NE
32.00 Wash drains SW.
35.00 Enter cedars.
40.00 Top of ridge, SW, set
Limestone 18 x 12 x 4 ins. 12 ins.
in the ground for 1/4 sec.
cor. Marked 1/4 on W. side
from which
A Piñon 12 ins. dia. brs. S4 E. 20 lks.
A Cedar 16 ins. " S " S34½ W. 50 "
Both trees Marked 1/4 S. B. T.
89.50 Intersect the north boundary
of the township 5 chs East
of the Granite stone 14 x
8 x 6 ins. with pits &
Mound, set for the
cor. to T. 32 & 33 S. R. 9 & 10 W.

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116

As this closing is "out" 5 chs. at the intersection of the lines, I set Trachyte 24 x 15 x 4 ins. 18 ins. in the ground for double corner to T. 1, $\frac{32}{33}$ S., R. 9 & 10 W. Marked 6 notches on E. S. & W. edges dug pits 24 x 18 x 11 ins. E. W. & S. of stone 6 ft. distt. & raised a mound of earth 2 ft. high 5 ft. base along side.

Land mountainous
Soil 2d rate.
Some cedars.

Augt 18th 1881.

"

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S. L. M. 117

General Description

Tp. 33 S., R. 9 W. has all been subdivided except the portion in the N.W. corner, which can also be completed. T. 33 S., R. 10 W. lies mostly in broken cedar hills, but can be subdivided, whenever necessity requires it.

F. C. Bailey
U. S. Deputy Surv.

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec 19th 1881

The foregoing field notes of the survey of the

W. boundary (2 miles) & Re-survey of
W. boundary & 1 mile S. Boundary.

Township No 33 S. Range No 9 W.

of the Salt Lake Meridian, Utah Territory,

Executed by T. C. Bailey

Under his contract No 102

of the 27th day of May 1881,

in the month of Aug 1881,

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

Jno. Salomon

U. S. Surveyor General for Utah.

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Filed

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY and Re-survey OF THE

South boundary

35 of Township No. 33 S., Range No. 10 W.

of the Salt Lake Meridian in Utah Territory.

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27th 1881.

Survey commenced Aug 22d 1881

Survey completed " " 1881

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Township 33 S. R. 10 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
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Re-survey and 128

Survey of South Boundary T. 33 S. R. 10 W.

Survey commenced Augt. 22d 1881, with a Burts improved solar compass, which I have tested on the meridian pickets & found correct.

As mentioned in the beginning of the notes of the Re-survey of the S. & E. boundaries of T. 33 S. R 11 W. that I had retraced the old lines along the South boundary of T 33 S. R. 10 W, and as I found none of the old corners, Standing, and wishing to complete the connection

between the old surveys, I therefore find it necessary to make a re-survey of the same. In running the blank line through ranges 10 & 11 W. I found it to be 11 miles 77.92 chs long, from which is to be deducted the 6 miles & 30 links re-surveyed on the south boundary of T. 33 S. R. 11 W, which leaves 5 miles, 77. chs & 62 links for the length of the line in R. 10 W.

X I begin at the cor. to T. 33 & 34 S. R. 10 & 11 W.

BOOK-A-176 Re= survey 120

South Boundary T. 33 S. R 10 W.

chains viz: a Granite stone 20 x 16 x 12 ins. with stone mound and run East on re= survey line bet. Secs. 6 & 31 Var. 15°40' E.

10.70 Wash drains SW.
22.20 Road to Minersville N & S.
23.00 Road (Branch) " " " "
29.70 Wash drains S.
40.00 (See note bet. secs. 5 & 32) Old stone not found - Set a lava stone 15 x 10 x 5 ins. 10 ins. in the ground for re= established 1/4 sec. cor. marked 1/4 on W side. dug pits 18 x 18 x 12 ins. E & W. of stone 5 1/2 ft. dist, & raised mound of Earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

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Re-Survey.

12

South Boundary T. 33 S. R 10 W.

80,00 Old stone not found:
set a Lava stone 18 x 10 x 8
ins. 12 ins. in the ground
for re-established cor. to
secs. 5. 6. 31 & 32, marked
5 notches on E & W ends
edges, dug pits 18 x 18 x 12
ins. in each section, 5 1/2
feet dist. & raised mound
of stone & earth 2 ft. high.
4 1/2 ft. base alongside.
Land level valley.
Soil 1st rate:
Dense sage brush & grass=
wood undergrowth.

S. L. No.

East on Re-survey line
bet. Secs. 5 & 32
Var. 15° 40' E.

15.00 Road N.E. & S.W.
40.00 End of Re-survey - old stone not found - at foot of Lava Ridge bears N.E. & S.W. (the old notes give this cor. as setting 10 chs. E. of the foot) Set Lava stone 14 x 6 x 4 ins. 10 ins. in the ground, for re-established 1/4 Sec. cor. Marked 1/4 on E. side & raised mound of stones alongside

Note: As the Subdivisions are made N. & S. of this line for 2 1/2 miles East from the West boundary of the

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133

South Boundary T. 33 S., R. 10 W.

mile West of the east boundary, I therefore cannot change the length of chain line, and am thus obliged to distribute the Error of 2.38 chs. (found in the length of the Sp. line as before mentioned) proportionately in the remaining measurements 3½ miles which will be .68 links per mile less than 80. chs., making their length 79.32 chs, instead of 80. chs. and the ½ mile distance 39.66 chs. instead of 40 chs.

78.00 Top of Mountain Ridge N.W.

79.66 Set Lava Rock 15 x 10 x 6 ins.

S. L. M.

10 ins. in the ground
for Cor. to Secs. 4, 5, 32 & 33
Marked 4 notches on E & 4
2 on W. Edges, & raised a
mound of stone alongside.
Land W ½ Valley
East ½ Mts.
Soil 1st & 3d rate.
Sage brush & greasewood
under growth

— " —

East on true line
bet. Secs. 4 & 33
Var. 15°40' E.

12.00 Descend
29.00 Foot of cliff N. & S.
31.00 Rocky gulch drains N.
39.66 set Lava stone 14 x 10 x 10 ins

125

South Boundary T. 33 S. R. 1

chains 10 ins. in the ground for
1/4 sec. cor. marked 1/4 on
N. side & raised mound
of stones alongside.
50.00 Bottom of broad hollow
drains N.W.
62.50 Enter cedars bear NW. & SE.
79.32 (See note bet. secs. 5 & 32)
set Sandstone 14 x 10 x 6 ins
10 ins. in the ground for
cor. to secs. 3, 4, 33 & 34,
marked 3 notches on E
& W. Edges, & raised a
mound of stone along
side, from which
A cedar 12 ins. dia. brs. N 65° W. 40 lks.
Marked T. 33 S. R 10 W. S. 33. B. T.
Land mountainous,
soil 2d rate.
Scattering cedars.

24.9
39.6
64
79

R. 10 W. S.L.Pr.

East on true line
bet. secs. 3 & 34
Var. 15° 40' E.

24.00 Hollow drains N.W.
39.66 (see note bet. secs. 5 & 32) Set
a Flint stone 14 x 10 x 8 ins.
10 ins. in the ground for
1/4 sec. cor. Marked 1/4
on N. side & raised a
mound of stone alongside.
from which
A Pine 8 in. dia. bears N. 45 W. 5 lks
Marked 1/4 S. B. T.

64.00 Hollow drains N. E.
79.32 (see note bet. secs. 5 & 32 ~~4 pages back~~) Set
Red Sandstone 20 x 12 x 12
ins. 14 ins. in the ground
for cor. to secs. 2, 3, 34 & 35
Marked 2 notches on E. &
4 on W. Edges, & raised a

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South Boundary T. 33 S. R. 1

chains Mound of stones alongside,
from which
A cross (X) marked on a
Boulder 20 × 10 × 8 ft.
above ground bears N. 60
E. 3 lks. dist.
Land mountainous,
Soil 3d rate - rocky
Cedar & Pine timber.

East on true line
bet. Secs. 2 & 35
Var. 15° 40' E.

5.00 Ridge bears N & S.
23.00 Deep Hollow draws N.,
39.66 (see note ~~5 page back~~ bet Secs 5 & 32) at
head of Hollow draws SE,
set Sandstone 15 × 10 × 8 ins.
10 ins. in the ground

10 W. S. L. M.

for 1/4 sec. cor. marked 1/4 on N. side, and raised mound of stone alongside, from which a cedar 12 ins. dia. brs. S. 8° W. 35 lks. marked 1/4 S. B. T.

69.00 Leave cedars at mouth of hollow.

79.32 (See note bet. secs. 5 & 32) Old stone not found. Set Red sandstone 14 x 10 x 10 ins. 10 ins in the ground, for re-established cor. to secs. 1. 2. 35 & 36, marked 1 notch on E. & 5 on west edges, & dug pits 18 x 18 x 12 ins. in each sect. 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base along side, at Foot of Mts.

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Re = survey

South boundary T 33 S. R. 10

chains Land Mountainous
Soil 3d rate.
Scattering Pine & cedar

East on re = survey line
bet. secs 1 & 36
Var 15° 40' E.

25.00 Road bears N W & S E.

40.00 Old stone not found = Set
a sandstone 15 x 11 x 8 ins.
10 ins. in the ground for
re = established 1/4 sec.
cor. marked 1/4 on N. side,
and dug pits 18 x 18 x 12 ins.
E & W. of stone 5 1/2 ft. dist.
& raised mound of earth 80.
1 1/2 ft. high 3 1/2 ft. base
alongside.

64.24 West margin of little Salt

10 W. S. L. M.

lake = the old meander
stone not found = Set
a chamfered cedar post
4 ft. long 4 ins. square
12 ins in the ground
for W = established
meander cor. to fractional
secs. 1836, marked T. 33 S.
R. 10 W. S. 36 on N. and
S. 1 on S. faces with
the letters M. C, dug
a pit 3 ft. square
1 ft. deep & links W. of
post & mound
of earth 2 ft. high 4 ½
ft. base around post.
80.00 The cor. point to T.
33 & 34 S. R. 9 & 10 W.,
falling in lake is
not set.

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Land sloping East.
Soil 1st & 2d Rate.
Sage brush undergrowth,
except on the 15.76 chs.
which fall in the lake.
Not timber.
Augt 22d 1881.

"

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General Description

The unsurveyed portions of the Tps. N. of this line lie mostly in the mountains covered with scattering cedar and Spruce pine timber. The said portions can be subdivided with considerable labor.

F. C. Bailey
U. S. Dep. Surv

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 188~~4~~

and Re-Survey

The foregoing field notes of the survey of the

South ~~and~~ Boundary

Township No 33 S. Range No 10 W.

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his contract No 102

of the 29th day of May 1881,

in the month of Augt. 1881,

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

Fred Salsbury.

U. S. Surveyor General for Utah.

Vol 176 BOOK-A-176

R: 1882

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Filed

Examined by B. Gorlinski

Compared by B. Gorlinski & G. Michelis

FIELD NOTES

OF

Re-THE SURVEY OF THE

South & East Boundary

of Township No. 33 S. , Range No. 11 W.

of the Salt Lake Meridian in Utah Territory.

BY

S. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 2nd 1881

Survey commenced Aug 19th 1881.

Survey completed " 20th 1881

BC[illegible]-A-176

Re-Survey

South boundary T. 33 S. R. 11 W.

Survey commenced Aug. 19th 1881, with a Burt's improved solar compass which I tested on my meridian picket stakes & found correct.

Note:

From the cor. point to T. 33 & 34 S. R. 9 & 10 W. in Little Salt Lake, fixed by me yesterday, I run west on a blank line through ranges 10 & 11 west, and north on the range line bet. 10 & 11 West, T. 33 S, and the only corner I could

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going West
find and identify
with certainty, the Cor.
to T. 33 & 34 S., R. 11 &
12 W., where I found
the old post lying
down, but the bearing
trees all standing.
I found the line to be
11 miles 77.92 chs long.
I find it therefore
necessary to re-survey
these old lines in order to
make the closing and
complete the survey of
the unsurveyed portion
of the S. boundary of
T. 33 S., R. 10 W.

Aug 19th 1881.

Re-Survey

South boundary T. 33 S. R 11 W.

Aug 20th 1881.

I begin at the cor. to T. 33 & 34 S. R. 11 & 12 W. which is a charred cedar post re-set by me from which

A cedar 10 in. dia. bears S 30½ E. 4.7 lks
" " 18 " " " S. 30½ W. 53 "
" " 9 " " " N. 29½ W. 63 "
" " 12 " " " N 82¾ E. 104 "

all properly marked, from which I run East on re-survey line bet. Secs. 6 & 31.

Var. 15° 40' E.

In cedar timber.

40.30 (The distance given on old line) I find old charred cedar post lying 25 links S. of line: I re-set same

Re-Survey 1876

South boundary T. 33 S. R 11 W.

Chains On line viz: Chained
cedar post 3 ft. long 3 ins
square 12 ins. in the
ground for re-established
1/4 sec. cor. marked 1/4 S.
on N. side & dug pits
18 x 18 x 12 ins, E & W. of post,
5 1/2 ft. dist. & mound
of earth 1 1/2 ft. high 3 1/2
ft. base around post.
Old Bearing tree standing
No. bearing trees near.
52.00 Other Lone cedars.
80.00 No trace of old cor. Set a
chamfered cedar post, 4 ft.
long 4 ins. square, 12 ins
in the ground for re-
established cor. to secs. 5, 6
31 & 32, marked 5 notches
on E. & 1 on West edges.
with T. 33 S. R. 11 W. S. 32 on

S. L. M.

N E,
T. 34 S. S. 5 on S.E.
S. 6 on S.W. and
S. 31 on N.W. faces, dug
pits 18×18×12 ins, in
each sec. 5½ ft. dist, &
raised mound of earth
around post.
Land rolling cedar hills
soil 2d rate.
Heavy sage brush.

East on re=survey line
bet. Secs. 5 & 32. Var. 15°40'E.

14.50 Low ridge SW & NE.
18.00 Foot of Same enter level
ground.
40.00 Find old cor. post lying
90 links S. I re=set Same
12 ins, in the ground, for

150

Re-Survey
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South Boundary T. 33 S. R 11 W

Chains re-established 1/4 Sec. Cor. Marked 1/4 S. on N. side dug pits 18x18x12 ins. E & W of post 5 1/2 ft. dist. & based mound of ~~stone~~ Earth 1 1/2 ft. high 3 1/2 ft. base around post.

53.00 Wash drains &c.

67.00 Road bears NW & SE.

80.00 No trace of old cor. Set a Flint stone 14x10x3 ins. 10 ins. in the ground for re-established cor. to Secs 4, 5, 32 & 33, Marked X+4 Notches on E. & W. Edges, dug pits 18x18x12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of Earth 2 ft. high 4 1/2 ft. base around

S.L.M.

post,
Land rolling & level
Soil 1st rate.
No timber—
Dense sage brush on sides.

—— " ——

East on re=survey line
bet. Secs. 4 & 33
Var. 15°40' E.

16.50 Enter Meadow N.W. & S.E.
40.00 No trace of old cor. I
set a charred cedar
post 3 ft. long, 3 ins.
square, 12 ins. in the
ground for re=establis=
hed 1/4 sec. cor. Marked
1/4 S on N. side. Any pits
18 X 18 X 12 ins. E & W. of

Re-survey 140

South Boundary T. 33 S. R.

Chains post 5½ ft. dist. & raised mound of earth 1½ ft. high, 3½ ft. base around post; from which a house bears N. 22¼° W.

44.00 Dry Bed crosses N.W.

55.00 Leave meadow bears W.S.

80.00 No trace of old cor. Set a Trachyte stone 15×10×9 ins. 18 ins. in the ground for cor. = established Marked 3 notches on E & W. edges to Secs. 3. 4. 33 & 34 ∧ dug pits 18×8×12 ins. in each sec. 5½ ft. dist. & raised mound of ~~stones~~ earth 2 ft. high 4½ ft. base along side; from which A Stone bears N. 49° 45' W. Land meadow & flat. Soil 1st " oats. Autumn.

11 W. S.L.M.

chains East on Re-survey line
bet. Secs. 3 & 34,
Var. 15° 40' E.

40.00 Old cor. not found = I
set Trachyte stone 12×10×
9 ins. 8 ins. in the ground
for re-established 1/4 sec.
cor. marked 1/4 on N. side,
dug pits 18×18×12 ins. E &
W. of stone 5½ ft. dist,
& raised mound of
~~stone~~ earth 1½ ft. high,
3½ ft. base alongside.

80.00 Old cor. not found. Set
a Trachyte stone 14×12×8
ins. 10 ins. in the ground
for re-established cor. to
secs. 2. 3. 34 & 35, marked
2 notches on E. and 4
on W. Edges: dug pits 18×

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Re = Survey South boundary

×18×12 ins. in each sec. 5½ ft. dist. & raised mound of Earth 2 ft. high 4½ ft. base alongside.
Land bench.
Soil 2d rate.
Dense sage brush.

Easton re = survey line bet. secs. 2 & 35
Var. 15° 40' E.

39.50 Trail NE & SW.
40.00 Old corner gone. set a Trachyte 12×10×7 ins. 8 ins. in the ground for re = established ¼ sec. cor. Marked ¼ on N. side, dug pits 18×18.

T. 33 S. R. 11 W. S. L. M.

x 12 ins. E & W. of stone
5½ ft. dist, & raised
mound of earth, 1½ ft.
~~bas~~ high, 3½ ft. base
alongside.

80.00 I find old stone displaced
13 links S. of line = I
re-set it on line. viz:
Air Iron stone 14x8x6 ins.
10 ins. in the ground,
for re-established cor.
to secs. 1, 2, 35 & 36, marked
1 notch on E. & 5 on W.
edges, dug pits 18x18x12
ins. in each sec. 5½ ft.
dist, & raised mound
of earth 2 ft. high 4½
ft. base alongside.
Land Bench.
Soil 1st rate.

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South Boundary T. 33 S. R. 11

Dense Sage brush on
80 chs.

—— " ——

East on re-survey line
bet. secs. 1 & 36
Var. 15° 40' E.

11,50 Enter broad hollow drains S.
22,50 Leave " "
40,00 No trace of old cor. Set a
Trachyte stone 16 x 10 x 10 ins.
11 ins. in the ground, for
re-established 1/4 sec. cor.
Marked 1/4 on N. side, dug
pits 18 x 18 x 12 ins. E & W. of
stone, ~~& ra~~ 5 1/2 ft. dist.
& raised mound of
earth 1 1/2 ft. high 3 1/2
ft. base alongside.

W. S. L. M.

56.50 Leave bench NE & SW. & Enter flat
80.00 As the old notes call for a stone & stone mound at this point, I again make search for the old cor, which I finally discover; it having been covered over by the drifting sands, caused by the heavy winds from the SW, which is a Granite stone 20 x 16 x 12 ins. properly marked with mound of stones, which agrees with the description furnished by the office.

Land Bench & flat
Soil 1st rate.
Dense sage brush on 80 chs

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Re-survey
East Boundary T. 33 S. R.

Note:
Having retraced the line north ~~bet.~~ in T. 33 S. bet. Ranges 10 & 11 W. and finding the corners nearly all obliterated, or displaced, and wishing to close this line with the ~~north~~ South boundary of T. 32 S. R. 10 W. which I run West the other day, and was unable to then find the cor. to T. 32 & 33 S. R. 10 & 11 W. I therefore find it necessary to re-survey this line.
From the Tp. cor. to T. 33. & 34 S. R. 10 & 11 W. described on the preceding page I run

,R.	11 W. S.L.M.
	Chains North on re-survey line bet. Secs. 31 & 36 Var. 15°40' E.
20.00	Bench bears NE & SW.
40.00	Find old pine charred post, displaced, and trace of old mound on line. I re-set same in old mound, 12 ins in the ground for re-es-tablished ¼ sec. cor. Marked ¼ S on W. side, dug pits 18 x 18 x 12 ins, ~~[illegible]~~ S. of post 5½ ft. dist, & raised mound of earth 1½ ft. high 3½ ft. base around post.
66.60	Cattle trail bears NE & SW.
80.00	Find old charred post displaced — I re-set

160 Re = Survey 148

East boundary T. 33 S. R. 11 W.

chains Same 12 ins. in the ground for re = established 1/4 sec. cor. marked ~~to S on W. side, due~~ 5 notches with Township, Range & Secs. on proper faces on N. & 1 on S. Edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. & raised mound of Earth 2 ft. high 4 1/2 ft. base around post.

Land Valley.

Soil 1st rate.

Dense sage brush.

— " —

North on Re: Survey line bet. Secs. 25 & 30

Var. 15° 40' E

40.00 Find old post gone. Set charred pine post 3 feet long. 3 ins.

S. L. M.

chains square, 12 ins. in the ground for re-established 1/4 Sec. cor. Marked 1/4 S. on W. side: dug pits 18×18×12 ins. N & S. of post & raised mound of Earth. 1½ ft. high 3½ ft. base around post.

45.75 Road bears E & W.

80.00 Old stone not found - set Lava stone 20×14×10 ins 14 ins. in the ground, for re-established cor. to secs. 19, 24, 25 & 30, 2 on South Marked 4 notches on N & Edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised a mound of earth 2 ft. high 3½ ft. base alongside.

Land Valley.

Soil 2d rate.

Dense artemisia and white sage undergrowth.

162 Re=survey 150

East boundary T. 33 S. R. 10 W.

chains North on re=survey line bet. Secs. 19 & 24

Var 15°40 E.

40.00 Old post not found - but find faint trace of old mound, where I set a charred pine Post. 3 ft. long 3 ins. square 12 ins. in the ground for re=established 1/4 sec. cor. Marked 1/4 S. on W. side & dug pits 18 x 18 x 12 ins. 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.

80.00 Old corner distroyed. Set a charred pine post 4 ft. long 3 ins. square, 12 ins in the ground for re=established cor. to secs. 13. 18. 19. & 24. Marked 3 notches

S. L. M.

Chains on N. & S. on S. Edges, with
T. 33 S. S. 18 on N. E.
R. 10 W. S. 19 on S E.
R 11 W. S. 24. on S W. and
S. 13 on N W. faces. dug pits.
18 x 18 x 12 ins. N & S. of post
5½ ft. dist. and raised a
mound of earth 2 ft. high 4½
ft. base around post.
Land Rolling bench.
Soil 2d rate.
Sage brush undergrowth.
No timber.

Arch on re-survey line
bet. Secs. 13 & 18.
Var. 15° 40' E.

40.00 Faint remains of old mound.

Re-survey 52

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East Boundary T. 33 S. R. 10 W

chains & old post lying 5 links E, in brush; I re-set same: viz: A charred pine post, 3 feet long, 3 ins. square, 12 ins. in the ground, for re-established 1/4 sec. cor. Marked 1/4 S. on W. side: dug pits 18x18x12 ins. West of post 5½ ft. dist: & raised mound of earth 1½ ft. high 3½ ft. base around post.

80.00 Found old post in brush, displaced 8 links E. of line, I re-set same on line, 12 ins. & in the ground for re-established cor. to secs. 7, 12, 13 & 18, properly marked dug pits 18x18x12 ins. in Each section 5½ ft. dist. & raised mound of earth

S. L. M.

10 W
iks E,
lame:
post,
an,
for
r.
ide:
N&S.
raised
high
post.
brush,
of line,
line,
nd for
to secs.
ly marked,
in
dist.
earth

chains 2 ft. high 4 1/2 ft. base around post.
Land rolling bench soil 2d rate.
Dense sage brush & desert weed undergrowth.

— " —

North on Re-survey line bet. Secs. 7 & 12
Var. 15°40' E.

4000 Old cor. Gone - Set a charred pine post 3 ft. long. 3 ins. Square 12 ins, in the ground, for re-established 1/4 sec. cor. Marked 1/4 S on on W. side: dug pits 18 x 18 x 12 ins. N&S. of post 5 1/2 ft. dist. ~~dug~~ & raised mound of earth 1 1/2 ft. high

166 Re-survey 54 11

East Boundary T. 33 S. R. 10 W.

Chains
80.00 3½ ft. base annud post.
Old stone not found:
set Limestone 18×10×6 ins.
12 ins. in the ground for
re-established cor. to secs.
1, 6, 7 & 12. Marked 1 notch
on N. & S. edges: dug
pits 18×18×12 ins. in each sec.
5½ ft. dist. & raised mound
of earth 2 ft. high 4½ ft.
base alongside.
Land rolling Brush.
Soil 2d rate.
Sage brush undergrowth.

North on Re-survey line
bet. secs. ~~33 & 4~~ 1 & 6
Var. 15° 40' E.

40.00 Old stone not found.

S. L. M.

set Granite stone 18x10x8 ins. 12 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on W. side, & dug pits 18x18x12 ins. N & S. of Stone 5 1/2 ft. dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

80.00 Find old Iron stone in brush, covered over with drifting sand, 7.14 chs. S. & 7.47 chs. E. of the established cor. to T. 32 & 33 S. R. 10 & 11 W. I move the old stone up 7.14 chs N. to intersection of my line with the North boundary of the Tp. 7.47 chs. East of the said Tp cor

87.14 [illegible], where I re-set the

old Iron stone 16×12×6 ins. 11 ins. in the ground, marked 6 notches on W. S. & E. edges, (and destroy the 6 notches on the N. edge,) for closing double cor. to T. 33 S. R. 10 & 11 W. and raised mound of stones alongside.

Land, Rolling bench, Soil Ind. rate
Dense sage brush on Sacks. Notimber
" Aug. 20. /81.

General Description.

The lands in this township consist of rolling bench & valley, soil 1st & 2d rate. The south tier of sections has been subdivided; the balance can be — There is one settlement at present in the Tp.

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

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec 19th. 1881

The foregoing field notes of the Re= *survey of the*

South & East Boundaries

Township No 33 S. *Range No* 11 W.

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his *contract No* 102

of the 27 *day of* May 1881,

in the month of Aug. 1881,

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

Fred. Salsbury

U. S. Surveyor General for Utah.

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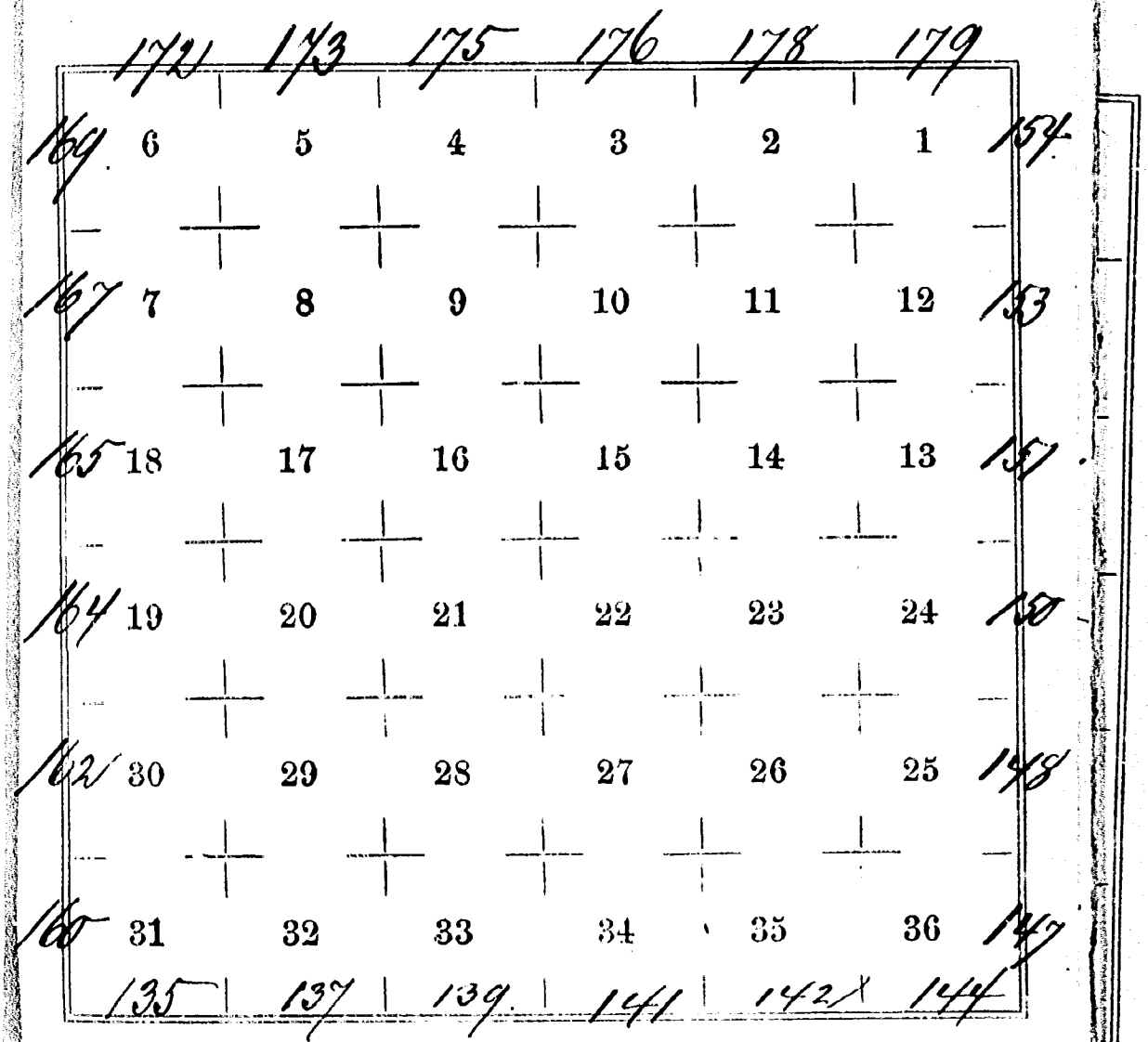
Township 33 S. R. 11 W.



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170

R: 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & L. Michaelis

FIELD NOTES

OF

Re=

THE SURVEY OF THE

Guide meridian being the West Boundary and Survey of the North Boundary of Township No. 33 S., Range No. 11 W., of the Salt Lake Meridian in Utah Territory.

BY

P. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 29th 1881.

Survey commenced Aug 23d 1881

Survey completed " 24th 1881.

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167 Random line of North Boundary T. 33 S. R. 11 W.

Survey commenced Aug. 23d 1881, with a Burts improved Solar Compass which I tested on the meridian obtained from an observation on the Star Polar's, and found correct.

I begin at the Trachyte stone 18 x 10 x 10 ins, with stone mound, the cor. to T. 32 S. R. 10 & 11 W. established 7.47 chs. west of the "Double Cor." to T. 33 S. R. 10 & 11 W, and run

West on random line Var. 15°45' E, along the north boundary of T. 33 S. R. 11 W, setting temporary corners at 40 & 80 chs, and at six miles I make search for the old

ANTS:

mpassma

ainman.

ainman.

ainman.

ainman.

eman.

gman.

172 5.8 Blank line
West Boundary T 33 S. R. 11 W

Fd. cor. to T. 32 & 33 S. R. 11 & 12 W,
on the guide meridian I
failing to find it, I
run a blank line
South along the west
boundary of T. 33 S. R 11 W,
and at 6 miles 10 chs & 50
lks I reach a point
480 lks west of the re-established
cor. to T. 33 & 34 S, R. 11 & 12 W,
Viz: A cedar Post, with four
witness trees as follows:
Acedar 10 ins. dia. bears S. 30 1/2 E. 47 lks.
" " 18 " " " S. 30 1/2 W. 53 "
" " 9 " " " N. 9 1/2 W. 68 "
" " 12 " " " N 82 3/4 E. 104 "
all properly marked,
I found the old stone lying
loose which was set for
the cor. to secs. 19, 24, 25 & 30

Guide Meridian. Re-survey of the
West Boundary T. 33 S. R 11 W. S.L.M.

at a point 10.50 chs, South &
5.46 chs, east of the 4th
mile measured on the
blank line, and therefore
is .66 links east of a
true line North from the
above mentioned township
cor. from this I assume
that the old line bears
N.0.14'E. and as said
cor. stone was the only
one found on the blank
line, and being obliged
to make the connection
of the North boundary
with the guide merid-
ian, I find it necessary
to Re-survey the last
mentioned line.

Aug 23d 1881.

I. & O. Re-survey of the
West boundary T. 33 S., R. 11 W.

chains

Augt. 24th 1881

From the T.p. cor. to T.
33 S. R. 11 & 12 W. as recorded
on the 3d page back, I
run
N. 14° E. on W. survey line
bet. Secs. 31 & 36
Var. 15° 45' E.

In cedar Timber.

19.50 Wash drains N.E.

40.00 Old corner obliterated,
set a charred cedar post
3 ft. long 4 ins. square
12 ins. in the ground for
cor. to re-established
1/4 sec. cor. marked 1/4 S.
on W. side, dug pits 18x
18x12 ins. N. & S. of post 1/2
lk. dist. & raised mound
of stone earth 1 1/2 ft. high
3 1/2 ft. base around post.

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S. L. M. BOOK-A-176

60.00 Leave cedar hills S.E. & N.W.

80.00 Old cor. obliterated set a charred cedar post 4 ft. Long, 4 ins. Square, 12 ins in the ground, for n= established cor. to secs. 25, 30, 31 & 36, marked 5 notches on N. & 1 on S. Edges with

T. 33 S. S. 30 on N.

R. 11 W. S. 31 on S.E.

R. 12 W. S 36 on S.W. and S. 25 on N.W. faces; dug pits 18 x 18 x 12 ins, in each sec. 5½ ft. dist, and raised mound of earth 2 ft. high 4½ ft. base around post.

Land rolling cedar hills, soil 2d rate.

174 176 62 Re-survey of the West Boundary C. 33 South R.

Guid
11 W.
80.0

chan

Dense sage brush & some grass.

No. 14 E. on re-survey line bet. Secs. 25 & 30
Var. 15°45' E.

28.70 Trail bears NE. & SW.
40.00 Old cor. not found; set Granite stone 15×10×5 ins. 10 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W. side. Dug pits 18×18×12 ins. N & S of stone 5½ ft dist. & raised mound of earth 1½ ft. high 3½ ft. base around post.

19.
40.

53.75 Wash drains N W.
59.50 Road in same bears N W. & S E
78.50 " " " " " "

Guide meridian 163 177

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11 W.

80.00 The old limestone found in running the blank line, I re-set same viz: Limestone 20×10×4 ins. 14 ins. in the ground, for re-established cor. to secs. 19. 24. 25 & 30, marked 4 notches on N & 2 on S. edges, dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base along side.

Land valley sloping gently N.

Soil 1st rate.

Dense sage brush.

No timber.

—— " ——

174 178/164 Re-survey of the Guide
West Boundary T. 33 S. R. 11 W.

chains No. 14' E. on Re-survey line
bet. secs. 19 & 24
Var. 15° 45' E.

4.50 wash drains N.W.

40.00 Find old stone displaced, lying in brush; I re-set same viz: Grey Sandstone 16×10×6 ins. 11 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W. side, dug pits 18×18×12 ins. 1½ ft. high 3½ ft. base alongside.

80.00 Old stone not found - probably covered over with drifting stand; Set Sandstone 20×14×6 ins. 14 ins. in the ground for re-established cor. to secs. 13.18.19 & 24, marked 3 notches on N. & S. Edges

dug, pits 18x18x12 ins. in
each sec. 5½ ft. dist, &
raised mound of earth
2 ft high 4½ ft. base
alongside.
Land gently rolling
dense sage brush.
No timber.

No. 14 E. on Re-survey line
bet. Secs. 13 & 18.
Var. 15°45' E.

10.00 Ranie drains SW.
40.00 Fluid, old stone, throws over,
covered with brush - Re-set
same viz: Red Sandstone 17+
10x8 ins. 11 ins. in the ground
for re-established ¼ Sec. cor.

180 16 6 Re-Survey of the
17 West Boundary S. 33 S. R. 11 W.

ch chains Marked 1/4 on W. side, dug pits 18x18x12 ins. N. & S. of stone 5 1/2 ft. dist. dud raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

80.00 Old stone not found: I set a Granite stone 14x12x10 in. 10 ins. in the ground for re-established cor. to secs. 7, 12, 13 & 18. Marked 2 notches on N. & 4 on South edges; dug pits 18x18x12 ins, in each sec. 5 1/2 ft. dist, & raised mound of earth 2 ft. high 4 1/2 ft. base alongside.

Land rolling.

Soil 2d rate.

Dense sage brush.

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No timber.

— " —

No. 14' E. on Re-survey line
bet. Secs. 7 & 12
Var. 15° 45' E.

14.50 wash drains S.W.
28.50 " " "
38.50 " " "
40.00 Old stone washed out, lying 15 links East. I re-set same on line viz: Gray Sandstone 16 x 12 x 4 ins. 11 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W. side; dug pits 18 x 18 x 12 ins. N. & S. of ~~cor.~~ stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high

182 16.8 Re-Survey of the West Boundary T. 33 S. R 11 W.

chains 3½ ft. base alongside.

80.00 Old cor. stone thrown over Re-set Same Viz: Gray Sand-stone 17×13×6 ins. 11 ins. in the ground, for re-established cor. to secs. 1.6.7 & 12, marked ¼ 1 notch on N. & 5 on S. edges: dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. & raised mound of earth 2 ft. high 4½ ft. base alongside.

Land rolling.

Soil 2d rate.

Dense sage brush

No timber

No. 14 E. on Re-survey line
bet. Secs. 1 & 6
Var. 15° 45' E.

1.00 Rock drains SW.

11.00 " " "

34.50 " " "

40.00 Old stone not found;
set a Lava stone 14 x 10 x 10
ins. 10 ins. in the ground
for re-established ¼ Sec.
cor. marked ¼ on W. side:
dug pits 18 x 18 x 12 ins. N & S
of stone 5½ ft. dist. &
raised mounds of earth
1½ ft. high 3½ ft. base
alongside.

80.00 Old stone not found.
I set a Sandstone 18 x 14 x
6 ins. 12 ins in the ground
for re-established cor. to

17 184 170 Re-survey of the West Boundary T. 33 S. R. 11

Tps. 32 & 33 S. R. 11 & 12 W.
Marked 6 notches on
N. E. S & W. Edges & raised
Mound of stones alongside.
Land rolling.
Soil 2d rate.
Dense sage brush
No timber.

— " —

Note:
From the above Tp. cor.
the Temporary Tp. cor. set
on running the random
line on the north bound
ary, is N. 10.50 chs. & 6.80
W. — I extend the guide
line North 10.50 chains
and at the point of intersection
with the said random

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W. S. L. M. BOOK-A-176 185

line, (the closing being more than 5 chs. "out") I set a Lava Rock 22x22x 12 ins. 14 ins. in the ground for "Double Corner" to T. 32 & 33 S. R. 11 W. Marked six notches on N. E. & S edges, & raised mound of stone alongside:
Land, rolling:
Soil 2d rate.
No timber.

— " —

17 186/72

North Boundary T. 33 S. R

ch chains. Note:

See notes of random line 16 pages back.

From the above described "Double Cor." I run East on a true line bet. Secs. 6 & 31

Var. 15° 45 E

Sub Hollow drains SW

73.20 Set lava stone 14×12×10 ins. 10 ins. in the ground, for ¼ Sec. cor. marked ¼ on N. side, dug pits 18×18×12 ins, E & W. of stone, & raised mound of earth 1½ feet high, 3½ ft. base alongside.

68.50 Hollow drains SW.

70.00 Hill bears NW. & SE.

73.20 Set Flint stone 15×8×6 ins.

10 ins. in the ground, for cor. to secs. 5, 6, 31 & 32, Marked 5 notches on E & 1 on W. edges, & raised mound of stone along side.

Land Mountainous
Soil 2d rate.
No timber.

—— " ——

East on true line
bet. Secs. 5 & 32
Var. 15° 45' E.

11.00 Hollow drains S.W.
19.00 Enter timber N & S
40.00 On top of hill, Set a Lava stone 14 x 8 x 6 ins. 10 ins. in the

North Boundary T. 33 S.

ch chains ground, for 1/4 sec. cor.
Marked 1/4 on N. side
with mound of stones
alongside.
65.00 Hollow drains S.E.
75.00 wash " "
80.00 set Lava stone 18x10x10
ins. 12 ins. in the ground
for cor. to secs. 4. 5. 32 & 33
Marked 4 notches on E.
& 2 on W. edges, & raised
Mound of stone alongside,
from which
A cedar 5 ins. dia. bears S. 20 W. 18 lks.
Marked T. 33 S. R 11 W. S. 5. B. T.
Land mountainous
soil 2d rate.
Scattering cedars on
E. 61 chs.

S. R. 11 W. S. L. M.

Chains East on true line
bet. Secs. 4 & 33
Var. 15° 45' E.

8.00 Mash drains S.W.

10.50 " " "

29.25 Hollow " "

40.00 Set Lava stone 24 x 16 x 10 ins.
18 ins. in the ground, for
1/4 sec. cor. Marked 1/4 on
N. side, dug pits 18 x 18 x
12 ins. E & W. of stone 5 ft.
dist. & raised mound
of earth 1½ ft. high 3½ ft.
base alongside.

43.00 Hollow drains S.W.

75.50 " " S.E.

80.00 Set Lava stone 16 x 6 x 6 ins.
11 ins. in the ground for
cor. to Secs. 3. 4. 33 & 34,
Marked 3 notches on E &

17 North Boundary T. 33 S.

Ch. Chains N. Edges, & raised mound of stone alongside, from which

Accessories dia. bears S 50 W. 25 lks. 50
Marked T. 33 S. R 11 W. S4. B. T. 55
Land rolling hills 69.
Soil 2d rate. 7
Timber Cedars.

8.

"

East on the line
bet. Secs. 3 & 34
Var. 15° 45' E.

40.00 Set Lava Stone 14 x 8 x 8
ins. in the mound for
1/4 Sec. cor. Marked 1/4 on
N. side, dug pits 18 x 18
x 12 ins. E & W. of stone
5 1/2 ft. dist. & raised

R. 11 W. S. L. Mer.

Mound of Earth 1½ ft. high 3½ ft. base along side.

50.00 Wash drains S W.

55.40 " " "

69.00 Lava cedars.

75.95 Lone cedar 10 ins. dia. bears N. 15° E. 40 links.

80.00 set Lava stone 16×10×8 ins 11 ins. in the ground for cor. to secs. 2. 3. 34 & 35. Marked 2 notches on E. & W. Edges, & raised Mound of stone alongside. Lava rolling hills.

Soil, 1st. rate.

Timber cedar.

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North boundary T. 33 S., R. 11 W.

Chains East on true line
bet. Secs. 24 & 35
Var. 15° 45' E.

15.50 Road; in hollow drains S.E. & leave swing hills.

40.00 Set Lava stone 14 x 8 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side; dug pits 18 x 18 x 12 ins. 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.

80.00 Set Lava stone 14 x 10 x 9 ins. 10 ins. in the ground for cor. to secs. 1, 2, 35 & 36 Marked 1 Notch on E & S on N. Edges, dug pits 18 x 18 x 12 ins. in each sec.

S.L.M.

chains 5½ ft. dist. & raised a mound of earth 2 ft. high, 4½ ft. base along side:
Land valley on E. 64.50 chs. Balance rolling hills soil 1st. rate.
Dense Sage brush.
No timber.

East on true line
bet. Secs. 1 & 36
Var. 15°45' E.

5.00 wash drains S.E.
35.75 " " "
40.00 set Lava stone 15 x 8 x 6 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼

1 194 180

c/ chains on N. side, dug pits
18 x 18 x 12 ins. E & W. of stone
5½ ft dist, and raised
mound of earth 1½ ft.
high 3½ ft. base along
side.

64.40 Wash drains SE.
80.00 The cor. to T. 32 & 33 S.
R. 10 & 11 W. which is
a Trachyte stone ~~24~~ 18 x ~~20~~ 10 x
~~15 ins~~ 10 ins, with stone mound.
Land Valley.
Soil 1st rate
Dense sage brush,
No timber.
Aug 24th 1881.

General Description.
See end of notes of
the Re-Survey of
the S. & E. boundaries
of this Tp. 33 S. R 11 W.
T. G. Bailey
U. S. Dep. Surv.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 1881

The foregoing field notes of the Re survey of the Guide Meridian being the West Boundary & Survey of the North Boundary of Township No 33 S. Range No 11 W. of the Salt Lake Meridian, Utah Territory, Executed by P. C. Bailey Under his contract No 162 of the 24th day of May 1881, in the month of Aug. 1881, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Fred. Salomon.

U. S. Surveyor General for Utah.

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R: 1882

Filed 187 .

Examined by W. Gorlinski

Compared by W. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

South and Part of E. Boundary

of Township No. 34 S. , Range No. 19 W

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27th. 1881.

Survey commenced Sept. 9th. 1881.

Survey completed Sept. 11. 1881.

South Boundary T. 34 S. R. 19 W.

Chains

Commenced Sept. 9th 1881, with a Burts improved Solar compass, tested on the meridian obtained from an observation on the star Polaris, and found correct.

Begin at the cor. to T. 34 & 35 S. R. 18 & 19 W. which is a Granite 18 x 12 x 4 ins. with pits & mound, and run West bet. Secs. 1 & 36.

Var. 15° 15' E.

23.90 Road to Desert & Springs bears N.W. & S.E.

40.00 Set Stone to stone 14 x 10 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 On N. side. dug pits

South Boundary T. 34 S. R. 14 W.

chains	18×18×12 ins. E & W. of stone ch. 5½ ft. dist, & raised mom of earth 1½ ft. high 3½ 4 ft. base alongside.
80.00	Set Trachyte stone 16×14 6 ins. 11 ins. in the ground for cor. to secs. 1, 2, 35 & 36, Marked 1 notch on E. & 5 on W. edges, dug pits 18×18, ×12 ins. in each sec. 5½ ft. dist, & raised mom of earth 2 ft. high 4½ ft. base, alongside.

Land level.

Soil 1st rate.

Dense artemesia under=growth.

No timber.

W. S. L. M.

chains	West bet. secs. 2 & 35
	Var. 15°15' E.
40.00	set Trachyte stone 12×10
	×8 ins. 8 ins. in the
	ground for 1/4 sec. cor,
	Marked 1/4 on N. side,
	dug pits 18×18×12 ins
	E & W. of stone 5 1/2 ft.
	dist, & raised mound
	of earth 1 1/2 ft. high 3 1/2
	ft. base alongside.
51.75	Road to Pioche bears S.
69.00	Ridge bears SE,
72.50	Wash drains SE,
80.00	set Trachyte stone 16×10×6
	ins. 11 ins. in the ground
	for cor. to secs. 2. 3. 34 & 35
	Marked 2 notches on E &
	4 on W. edges, dug pits
	18×18×12 ins. in each sec.

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South Boundary T34 S.R.19

Chains	5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base alongside. Land rolling Bench soil 1st rate. Dense artimesia under growth. No timber.
	West bet. Secs. 3 & 34 Var. 15°15' E.
25.00	Wash drains SE.
36.50	" " "
40.00	Set Limestone 12×12×6 ins 8 ins. in the ground for ¼ sec. cor. Marked ¼ on N. side: dug pits 18×18×12 ins, E & W. of stone

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W. S. L. M

chains	5½ ft. dist, & raised a mound of earth 1½ ft. high, 3½ ft. base along side.
70.00	Wash drains SE.
80.00	Set Trachyte 12×12×8 ins. 8 ins. in the ground, for cor. to secs. 3.4.33 & 34 marked 3 notches on E & W. Edges; dug pits 18×18×12 ins. in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base alongside. Land rolling Bench soil 1st rate. Dense artimesid under growth.

No timber.

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South Boundary T. 34 S. R. 1

chains	
	Mist bet. secs. 4 & 33.
	Var. 15° 15' E.
16.40	Nash draws SE.
34.00	" " "
40.00	set Granite stone 20 x 12 x 6 ins, 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised a mound of stones along side.
42.50	Nash draws SE.
64.50	Ridge bears SE & NW.
80.00	set Trachyte stone 12 x 10 x 7 ins. 8 ins. in the ground for cor. to secs. 4, 5, 32 & 33, Marked 4 notches on E & W 2 on N. edges, & raised a mound of stones along side.
	Land rolling.

S. R. 19 W. S. L. M.

chains	Soil 1st rate.
	Dense Artimesia under growth.
	No timber.
	West bet. Secs. 5 & 32
	Var. 15°15' E.
21.50	Hollow drains S.E.
40.00	set Granite stone 15×15 × 6 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised mound of stones alongside.
50.00	Ridge bears N.S.
54.50	Wash drains S.
70.00	Ridge bears S. & N.
77.50	Gulch drains S.E.

80.00 set Trachyte stone 12 x 8 x 10 ins. 8 ins. in the ground for cor. to secs. 5. 6. 31 & 32 Marked 5 notches on E & 1 on W. edges, & raised a Mound of Stone Alongside. Land high broken Bench, Soil 2d rate.
Dense sage brush under-growth.
No timber

"

West bet. Secs. 6 & 31
Var. 15° 15' E.
28.50 Ridge bears S.
39.90 Wash drains S.
40.00 set Trachyte stone 14 x 10 x 5 ins. 10 ins. in the

chains	ground, for 1/4 sec. cor, Marked 1/4 on N. side; & raised mound of stone alongside.
42.50	Ridge bears S.
45.00	Wash drains S.
72.50	Ridge bears SE.
74.50	Deep wash drains SE.
79.42	(Allowing for convergence) set a Quartz stone 36 x 24 x 15 ins. 24 ins. in the ground, for cor. to T. 34 & 35 S. R. 19 & 20 W. Marked 6 notches on N. E, S & W. Edges; dug pits 24 x 18 x 12 ins, Lengthwise on each line 6 ft. dist, & raised mound of earth 2 1/2 ft. high 5 ft. base along side. The road to

Pioche about 2 chs, W, bears
NW. & SE.
Land broken Bench,
Soil 2d rate.
Dense Artemisia under-
growth.
No timber.
Sept. 9th 1881.

East Boundary T34 S.R. 19 W.

Sept. 11th 1881.

From the cor. to T. 34 & 35 S. R. 18 & 19 W, which is a Granite stone 18 x 12 x 7 ins, with pits & mound, I run

North bet. Secs. 31 & 36

Var. 15° 15' E.

40.00 Deposited a marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins, N. & S. of cor. 5 1/2 ft. dist. & raised mound of Earth 1 1/2 ft. high 3 1/2 ft. base along side. In S. pit I drove a stake 2 ft. long 2 ins, Square 12 ins in the ground marked 1/4

209 193

East Boundary T. 34 S.

chains	S. on W. side,
80.00	set Granite stone 12 x 6 x 6 ins. 8 ins. in the ground for cor. to secs. 25, 30, 31 & 36 Marked 5 notches on N & 1 on S. Edges; dug pits 18 x 18 x 12 ins. In each sec. 5 ½ ft. dist, & raised Mound of Earth 2 ft. high 4 ½ ft. base alongside. Land Rolling Valley Soil 1st rate. Dense Artimisia under growth. No timber.

North bet. secs. 25 & 30
Var. 15°15' E.

R. 19 W. S. L. M

15.25 Road bears N.W. & S.E.

17.25 Springs bears N. 54 W. about 60 chs. Desert to

33.00 Wash drains S.E.

40.00 Set Granite stone 12 x 8 x 8 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side and raised mound of stone alongside from which A House bears S. 83° W. about 30 chs. dist. A Stable bears S 85° W. about 30 chs. dist.

59.00 Small wash drains N.

69.75 Road to Sulphur Springs bears N.E. & S.W.

77.25 Road bears E & W.

78.10 " " N.E. & S.W.

80.00 Set Granite stone 14 x 8 x 8 ins. 10 ins. in the ground for cor. to secs. 19, 24, 25 & 30, marked

1905

East Boundary T. 34 S. R

chains | 4 notches on N. & 2 on S.
Edges, & raised mound
of Stones alongside, o
Land rolling Valley.
Soil 1st class.
Dense Sage brush under
growth.
No Timber.

"

North bet. Secs. 19 & 24,
Var. 15° 15' E.

33.00 | Station Corner S 6.
40.00 | set Lava Stone 14 x 8 x 6
ins. 10 ins. in the ground
for 1/4 Sec. Cor. Marked
1/4 on W. side, & raised
mound of Earth 1½ ft.
high, 3½ ft. base along

34 S. R 19 W. S. L. M.

chains	side,
55.25	Wash drains S E.
60.50	Hollow drains S E; Ascend mountain spur, and leave valley.
80.00	on S. side of Mt; set a Lava stone 36 x 18 x 18 ins. 24 ins. in the ground, for cor. to secs. 13. 18. 19 & 24, marked 3 notches on N. & S. Edgls, & raised mound of stone alongside, Land rolling valley on 60.50 chs. Balance mountains. Soil 2d rate. Dense sage brush undergrowth on 60.50 chs. No timber.

—"—

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East Boundary T. 34 S.

Chains North bet. Secs. 13 & 18

Var. 15° 15' E.

17.00 Hollow drains S & E.

40.00 On top of Mountain E & W, set a Granite stone 40 x 30 x 8 ins. 24 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. side & raised mound of stone alongside. Descend and intersect drains.

70.00 Hollow drains S & E. ascend,

80.00 set Granite stone 24 x 18 x 8 ins. 18 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked 4 notches on N. & 4 on S. Edges, & raised mound of stone alongside.

Land Mountainous.

R. 19 W. S. L. M.

Chains Soil 2d rate.
Scattering cedar on
N. 40 chs.

"

North bet. Secs. 7 & 12
Var. 15° 15' E.
40.00 Set Granite stone
18 x 12 x 8 ins. 12 ins. in
the ground for 1/4 sec.
cor. Marked 1/4 on W.
side, & raised mound
of stone Alongside.
Land mountainous
Soil 2d rate.
Scattering cedar.
Note:
On account of
the mountains I abandon

215

199

the line here.
Sept. 11th 1881.

General Description

This township lies partly in the mountains in the N.W. & in the Escalante Valley in the S.E. portions.

There are settlements around desert springs, the most of the T. can be easily subdivided.

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

[4.—LIST OF NAMES.]

A list of the names of the individuals employed by T. C. Bailey *United States deputy surveyer, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of* the Meridian, standard, and township lines, under his contract No. 102 dated May 27, 1881, lying South and West

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

Frank Gerbuski, Compassman.

George W. Gardner, Chainman.

John R. Bennett, Chainman.

Adolph Meisel, Chainman.

Joseph McEwen, Chainman.

Hyrain McEwen, Axeman.

Stephen Barton, Axeman and Flagman.

[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted T. C. Bailey United States deputy surveyor, in surveying all those parts or portions ~~of the~~ under his Contract No. 102, dated May 7th 188[illegible], of the Meridian, Standard, & Township lines, lying South and West

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

Frank Sorlinski, Compassman.

George W Gardner, Chainman.

John R Bennett, Chainman.

Adolph Meisel, Chainman.

Joseph McCarty, Chainman.

Hiram McEwen, Axeman.

Stephen Bates, Axeman.

and Flagman.

Subscribed and sworn to before me this 11th day of Sept. 188[illegible].

Edward Michaelis
Notary Public

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

I, Thomas C. Bailey United States deputy surveyor, do solemnly swear that in pursuance of instructions received from Fred. Salamon United States surveyor general for Utah, bearing date of the 24th day of May, 1881, I have well, faithfully, and truly in my own proper person, and in strict conformity with the instructions furnished by the United States surveyor general for Utah, the surveying manual, and the laws of the United States, surveyed all those parts or portions of the Meridian, Standard, & Township lines lying South and West

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

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

Truman C. Bailey

United States Deputy Surveyor

Subscribed and sworn to before me this 7th day of December 1881.

Edward Michaelis

Notary Public

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 1881

The foregoing field notes of the survey of the South ½ part of the East Boundaries

Township No 34 S. Range No 19 W

of the Salt Lake Meridian, Utah Territory,

Executed by D. C. Bailey

Under his contract No 102

of the 27 day of May 1881,

in the month of Sept. 1881,

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

Fred. Dalrymple

U. S. Surveyor General for Utah.

8.

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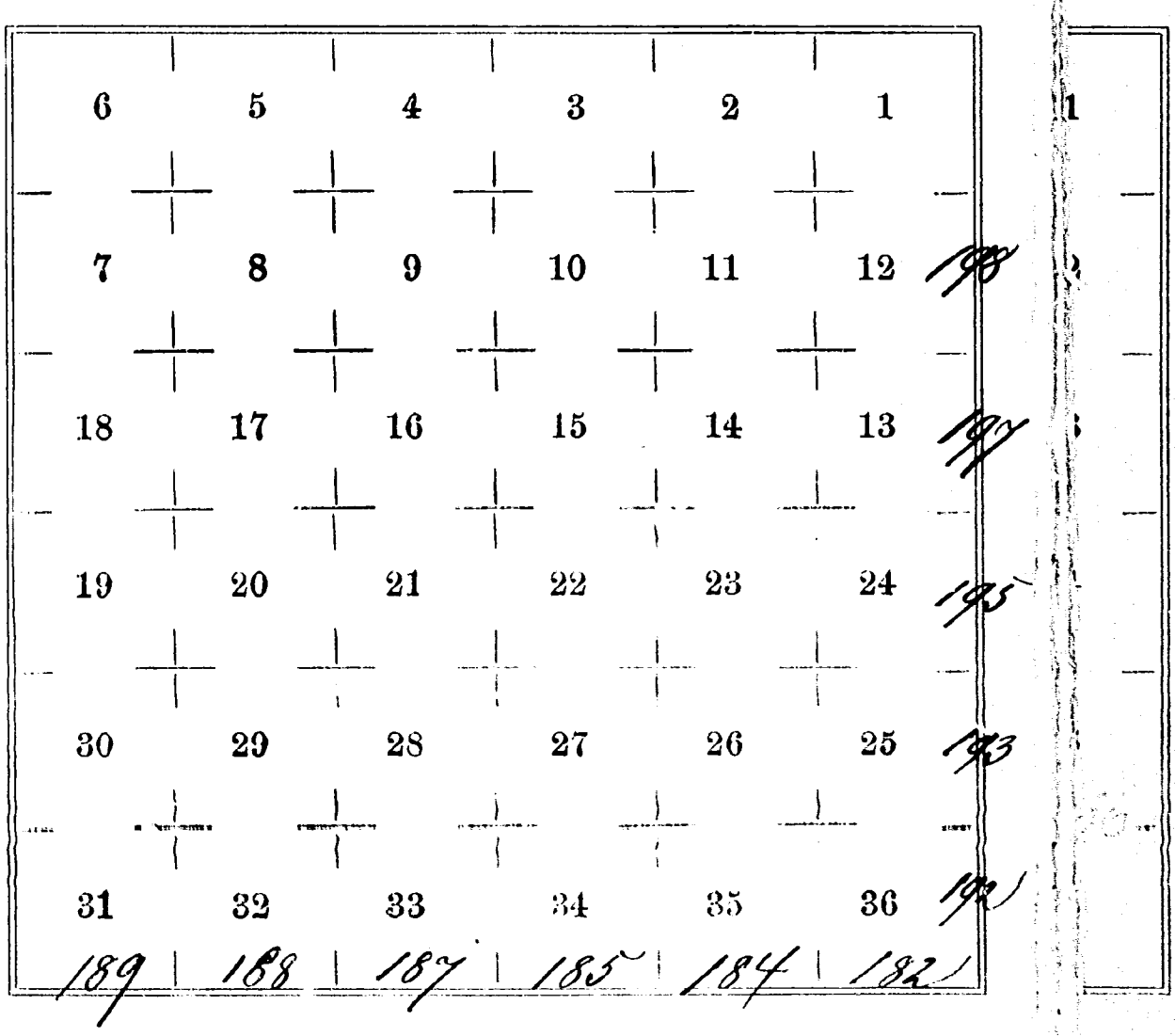
Township 34 S. **R.** 19 W.



BOOK-A-176

222

R: 1882

187 .

Filed

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

Re

THE SURVEY OF THE

7th Standard Parallel South

(South Boundary)

of Township No. 35 S. , Range No. 15 W

of the Salt Lake Meridian in Utah Territory.

BY

J. E. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27. 1881.

Survey commenced Aug. 29. 1881

Survey completed " " 1881

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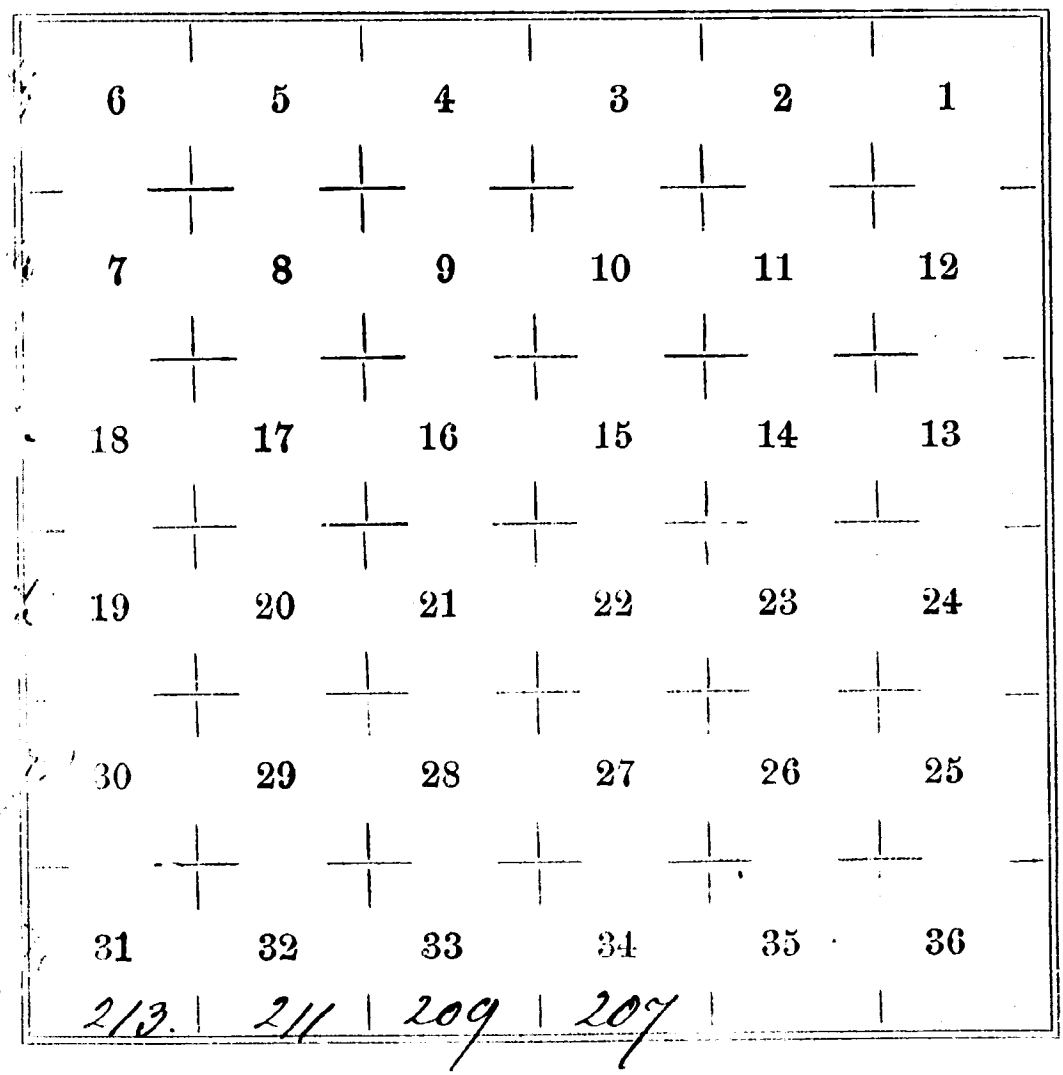
Township 35 S. **R.** 15 W.



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Re-Survey
7th Standard Parallel S.R. 15 W.

Aug. 29th 81 with a
Burts improved solar
compass which I tested
on a meridian obtained
by an observation on
the star Polaris, and
found correct,
From the temporary
standard closing cor,
to T. 36 S. R. 15 & 16 W, set
in running the Guide
Meridian, I run
East on a blank line
in search of some cor,
on the 7th standard
South, in order to
enable me to make
the proper closing
of the Guide on said
line; I find no corners

224 Re-survey

7th Standard Parallel S.

chains | until I run East 4 miles 18.95 chs, thence N. 75.97 chs, where I find the Gray Granite stone 20 x 16 x 11 ins, in mound of stones, marked 2 notches on E. & 4 on W. Edges, which I identify as the standard cor. to Secs. 34 & 35, T. 35 S. R. 15 W, from which I run

West on Re-survey line along south side Sec. 34.

Var. 15°50' E.

21.00 S. M. Blair's Well is S. about 4 chs.

40.00 Old stone not found - it is probably covered up by the drifting sand, set

in Range 15 W. S. L. M.

Chains a Granite 15 x 8 x 6 ins. 10 ins. in the ground, for re-established 1/4 sec. cor. Marked S.C. with 1/4 on N. side, dug pits 18 x 18 x 12 ins. E & W. of stone 5 1/2 ft. dist. & raised mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

44.25 Road from Iron City N & S.

80.00 Old stone thrown over; I re-set same viz: a Red Granite 14 x 10 x 6 ins. 10 ins in the ground, for re-set standard cor. to secs. 33 & 34, Marked S.C. with 3 notches on E & W. Edges; dug pits 18 x 18 x 12 ins. N. E. & W. of stone 5 1/2 ft. dist. & raised mound of Earth

Re-survey

226 7th standard Parallel S.

chains. 2 ft. high 4½ ft. base alongside.
Land level valley soil 2d rate.
Dense sage brush.
No timber.

Mst. on Re-Survey line along S. side sec. 33
Var. 15°50'E. (15W)

12.75 Volcanic stone, the closing cor. to secs. 3 & 4 Tp. 36 S. R.
30.10 Heavy large sage brush
35.00 Wash drains N.
35.50 " " "
39.35 Dry Bed of Pinto Creek drains N.W.
40.00 Old stone not found; it is probably covered up with drifting sand, set a Granite stone

in Range 15 W. S. L. M.

chains	13×9×7 ins. 9 ins. in the ground for re-established standard 1/4 sec. cor. marked S.C. with 1/4 on N. side; dug pits 18×18×12 ins. E & W. of stone 5 1/2 ft. dist. & raised a mound of ~~st~~ Earth, 3 1/2 ft. high alongside,
42.50	Wash drains N.E.
44.50	" " N.
45.00	" " "
61.40	" " "
80.00	old stone thrown over, nearly covered up; I re-set same viz: a Red Granite stone 16×10×8 ins. 11 ins. in the ground, for re-established standard cor. to secs

Re=Survey
7th Standard Parallel S.

chains 32 & 33, marked S.C. with 4 notches on E. & 2 on W. edges, dug pits 18 x 18 x 12 ins. N. E. & W. of stone 5½ ft. dist, & raised a mound of earth 2 ft. high 4½ ft. base, alongside Land Level.
Soil 1st rate.
Dense sage brush.
No timber.

—"—

West on Re=survey line along S. side sec. 32,
Var. 15°30' E.

13.05 The volcanic stone being the standard closing cor. to secs. 4 & 5, T. 36 S.

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

Chains	R. 15 W.
15.60	Wash drains N.
40.00	Find old stone displaced, re-set same, viz: sandstone 18 x 14 x 4 ins. 12 ins. in the ground for re-established 1/4 sec. cor. Marked ~~1/4 on~~ S.C. with 1/4 on N. side, dug pits 18 x 18 x 12 ins. E & W. of stone 5 1/2 ft. dist. and raised Mound of Earth 1 1/2 ft. high 3 1/2 ft. base alongside.
80.00	Find old stone in place covered over with drifting sand, which is a sandstone 16 x 11 x 4 ins. I uncover it, and raised a mound of stones alongside.

Re-Survey
7th " Standard Parallel S.

Chains Land level.
Soil 1st rate.
Dense Sage brush.
No timber.

— " —

West on Re-survey line
along S. side Sec. 31.
Var. 15°30' E.

40.00 Old stone not found; it
is no doubt covered over
by the drifting Sands;
I set Granite stone 18×
11×5 ins. 12 ins. in the
ground, for re-established
Standard 1/4 sec. cor.
Marked S.C. with 1/4
on N. side & dug pits
18×18×12 ins. E & W. of

R. 15 W. S. L. M.

chains stone 5½ ft. dist, & raised mound of Earth 1½ ft. high 3½ ft. base along side.

8000 Find old cor. in place covered with Sand, viz: A Red Sandstone 16×12×8 ins, for standard cor. to T. 35 S. R. 15 & 16 W, Marked S.C. & 6 notches on N.E. & W. Edges with small mound of stone; I uncover it, and dig pits 24×18×12 ins, crosswise on Each line N.E & W. of stone 6 ft. dist, & raised a mound of earth 2½ ft. high & 5 ft. base alongside.

Land level –

soil 1st rate.

232 Re-Survey
7th Standard Parallel S.

Dense Sage brush.
No timber.

Note:
I now measure West 18.95 chs, and set a Granite stone 20 x 12 x 7 ins, 15 ins. in the ground, for standard closing cor. to T. 36 S. R. 15 & 16 W, as set forth and further described at the end of the notes of the Guide Meridian in T. 36 S. R. 15 & 16 W.
Augt. 29th 1881

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T. 5 S., R. 15 W., S. L. M.

General Description.

T. 35 S., R. 15 W., is sub-divided, and a portion of T. 36 S., R. 15 W., is also; the balance of which can be subdivided with hard work, as it lies mostly in the mountains.

F. C. Bailey
U. S. Dep. Surv.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 1881

The foregoing field notes of the re survey of the 7th Standard Parallel South (South Boundary).

Township No 35. S. Range No 15. W.

of the Salt Lake Meridian, Utah Territory,

Executed by T. C. Bailey

Under his contract No 102

of the 27 day of May 1881,

in the month of August 1881,

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

Fred. Salomon

U. S. Surveyor General for Utah.

BOOK-A-176

235

R: 1882

187 .

Filed

Examined by R. Gorlinski

Compared by R. Gorlinski, E. Mitchell

FIELD NOTES

OF

THE SURVEY OF THE

North & West Boundaries and Reserve E. Boundary

of Township No. 35 S., Range No. 17 W

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27th. 1878

Survey commenced Sept. 6. 1881

Survey completed Sept. 7. 1881

BOOK-A-176

West Boundary T. 35 S. R. 17 W. 1.

Chains

Commenced Sept. 6th 1881,
with a Burts improved
Solar compass, which I
tested on the meridian
obtained from an obser-
ation on the star Polaris,
and found correct.
Begin at the stand-
ard cor. to T. 35 S. R.
17 & 18 W, which is a
Volcanic stone 16 x 9 x 8 ins,
with mound of stones,
and runs
North bet. Secs. 31 & 36
Var. 15° E.

35.50 Hollow drains W. Enter
Escalante Valley & leave hills.

40.00 Set Shale stone 15 x 15 x 4 ins
10 ins. in the ground for
¼ sec. cor. marked ¼ on

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West Boundary T. 35 S, R.

chains	W. side, dug pits 18×18×12 ins N.&S. of stone 5½ ft. dist, & raised mound of earth 1½ ft. high 3½ ft. base alongside.
80.00	Set Schale stone 16×13×3 ins. 11 ins. in the ground for cor. to secs. 25. 30. 31, 36, marked 5 notches on N. & 1 on S. Edges; dug pits 18×18×12 ins, in each sec. 5½ ft. dist, and raised a mound of earth 2 ft. high 4½ ft. base alongside. Land mostly level. Soil 1st rate. Dense artimesid under-growth. No timber.

R. 17 W. S. L. M. 219

North bet. Secs. 25 & 30
Var. 15° E.

$11.00 Set Schale stone 12 x 10 x 4 ins 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, dug pits 18 x 18 x 12 ins, N.E.S. of stone 5 1/2 ft. dist, and mound of earth 1 1/2 ft. high, 3 1/2 ft. base alng side

$8.00 Set Schale stone 16 x 12 x 3 ins 11 ins. in the ground, for cor. to Secs. 19, 24, 25 & 30, Marked + Notches on N. & W. on S. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist & mound of earth 2 ft. high & 4 1/2 ft. base alng side.

West Boundary T. 35 S. R. 229

chains Land level.
Soil 1st rate.
Dense Artemisia undergrowth.
No timber.

— " —

North bet. secs. 19 & 24
Var. 15° E.

40.00 set Schale stone 12×12×7 ins, 8 ins, in the ground, for 1/4 sec. cor. marked 1/4 on W. side & dug pits 18×18×12 ins, N & S of stone 5½ ft. dist, & raised a mound of Earth along side,

80.00 set Schale stone 16×10×4 ins, 11 ins, in the ground for cor. to secs. 13. 18. 19 &

12 W. S. L. M.

chains 24, marked 3 notches out, & S. Edges; dug pits 18 x 18 x 12 ins. in each sec, 5½ ft. dist, & raised a mound of Earth 2 ft, high, 4½ ft. base along side.

Land level.

Soil 1st rate.

Dense Artemesia under growth,

No timber.

—— " ——

North bet. Secs. 13 & 18

Var. 15° E.

19.55 Road to Desert Springs bears E & W.

40.00 Set Schale stone 12 x 10 x 4 ins,

West Boundary T. 35 S. R.

Chains	8 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on W. side, dug pits 18 x 18 x 12 ins, N & S of stone 5 1/2 ft. dist, & raised a mound of earth along 1 1/2 ft. high 3 1/2 ft. base alongside.	1.15
80.00	Set Schale stone 20 x 15 x 3 ins 15 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, Marked 2 notches on N. & 4 on S. Edges; dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist, & raised mound of Earth 2 ft. high 4 1/2 ft. base alongside. Land level.	40.0
	Soil 1st rate.	63.
	Dense Artimesia under	80.

17 W. S. L. M.

chains	growth,
	No timber.
	— " —
	North bet. Secs. 7 & 12
	Var. 15° E.
1.15	Road to Desert Springs bears E. & W.
40.00	Set Schale stone 12×10×6 ins. 8 ins, in the ground for 1/4 sec. cor. marked 1/4 on W. side; dug pits 18×18×12 ins, N & S of stone 5½ ft. dist, & raised a mound of earth 1½ ft, high 3½ ft base along side.
63.50	Wash drains SW.
80.00	Set Schale stone 20×14×4

West Boundary T. 35 S.

chains	ins, 15 ins. in the ground for cor. to secs. 1. 6. 7 & 12, marked 1 notch on N & 5 on S. Edges; dug pits 18 x 18 x 12 ins, in each sec. 5½ ft. dist. & raised mound of earth 2 ft. high 4½ ft. base alongside. Land level. Soil 1st rate. Dense Artimesia under growth. No timber.
	— " —
	North bet. secs 1. & 6 Var. 15° E.
13.50	Wash drains SW.

West Boundary T. 35 S.

chains	ins. 15 ins. in the ground for cor. to secs. 1. 6. 7 & 12, marked 1 notch on N & 5 on S. Edges; dug pits 18 x 18 x 12 ins, in each sec. 5½ ft. dist. & raised mound of earth 2 ft. high 4½ ft. base alongside. Land level. Soil 1st rate. Dense Artemisia under growth. No timber.	
	— " —	
	North bet. secs 1. & 6 Var. 15° E.	
13.50	Wash drains SW.	

BOOK-

Nor

Dense artimesia under
growth,
Notimber.

— " —

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North Boundary T. 35 S. R. 17 W.

From the last described cor. to T. 34 & 35 S. R. 17 & 18 W. I run East on a random line Var. 15°.5 E, bet. T. 34 & 35 S. R. 17 W, setting temporary corners at 40 & 80 chains, and at 6 miles I make search for the old cor. to Tps. 34 & 35 S. R. 16 & 17 W. ~~and~~ it being probably covered up with drifting sand, I am unable to find it, therefore I run South on a blank line between ranges 16 & 17 W, in search of the old corners, none of which I am able to find,

Re-Survey East Boundary

until I reach the 7th Stand-
ard Parallel South, which
I intersect 76 links west
of the the standard
cor. to Tp. 35 S. R. 16 & 17 W.
at a distance of 6 miles
& 13 links, on the plank
line, (viz Granite, 17×12×8 with pits [illegible]) Sept. 7th 81
I therefore begin at the
abovd described stand-
ard cor. and run
North on re-survey line
bet. secs. 31 & 36,
Var. 15°15' E.

30.60 Sand ridge bears NE & SW.

40.00 Old cor. distroyed, or covered
over with drifting sand,
I set a charred cedar
post 4 ft. long 3 ins. sqr.
12 ins. in the ground for

BOOK-
T. 3
chains

77.53

80.00

T. 35 S. R. 17 W. S. L. M.

chains re-established 1/4 sec. cor; marked 1/4 S. on W. side; Dug pits 18×18×12 ins. N&S. of post, 5 1/2 ft. dist, & ~~dug~~ p raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base along side.

77.55 Road from Iron City to Desert Springs, bears W&SE.

80.00 Old stone not found — I set Granite 15×10×6 ins 10 ins. in the ground for re-established cor. to secs. 25. 30. 31 & 36, marked 5 notches on N. & 1 on S. Edges, & dug pits 18×18×12 ins. in each sec. 5 1/2 ft. dist, & raised a mound of earth 2 ft.

Re-Survey

East Boundary T. 35 S., R. 14 W.

Chains		
	High, 4½ ft. base along side,	40.00
	Land mostly level,	
	Soil 2d rate.	
	Dense Greasewood & Sage brush undergrowth.	
	No timber.	
	"	
	North on Re-survey line bet. Secs. 25 & 30	
	Var. 15° 15' E.	61.0
3.00	Small Ridge bears N.W. & S.E.,	80.0
11.50	" " " " " "	
15.80	" " " " " "	
18.50	" " " " " "	
24.00	" " " " " "	
26.75	" " " E & W.	
30.60	" " " N & S,	

N. S. L. M.

40.00 Find old stone thrown over; I re-set Same viz: A granite 14×12×6 ins, 10 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W. side; dug pits 18×18×12 ins. N & S of stone 5½ ft. dist, & raised a mound of earth 1½ ft. high, 3½ ft. base along side.

61.00 Small Ridge bears E. & W.

80.00 Old stone not found - must be covered with the drifting sand; set Granite 20×11×6 ins, 15 ins. in the ground for re-established cor, to secs. 19, 24, 25 & 30,

251 Re-survey 232

East Boundary T. 35 S.

chains	Marked 4 notches on N. & 2 on S. Edges; dug pits 18x18x12 ins, in each Sec. 5½ ft. dist, & raised mound of ~~stone~~ Earth 2 ft. high 4½ ft. base alongside. Land mostly low Sand Ridges. Soil 2d rate. Dense Greasewood & Sage brush undergrowth. No timber.	
	North on Re-survey line bet. secs. 19 & 24 Var. 15° 15 E.	
29.00	In Sandy basin about 8 chs.	

BOOK

R. 1

40.00

54.75

59.00

80.00

R. 17 W. S. L. M.

E & W.

40.00 Find old stone displaced; I re-set Same Vis: A ~~Cole-~~ ~~mine~~ stone ~~16 x 10 x 4~~ ins. 11 ins. in the ground for re-set 1/4 sec. cor. marked 1/4 on W. side; dug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

54.75 Sand ridge bears N & SW.

59.00 " " " E & W.

80.00 Old corner obliterated; I find the old charred cedar post lying 50 lks. N. E. I re-set Same 4 feet long 4 ins. square, 12 ins. in the ground, for re-established cor. to sec. 13, 18, 19

253 Re=Survey 234

East Boundary T. 35 S.R.

chains	& 24, Marked 3 notches on N. & South Edges; dug pits 18x18x12 ins, in each sec. 5½ ft. dist, & raised Mound of earth 2 ft. high 4½ ft. base around post. Land mostly level. Soil 2d rate. Dense Artemisia & greasewood undergrowth.	
	North on Re=survey line bet. Secs. 13 & 18. Var. 15° 15' E.	
7.50	Sandy ridge bears E. W.	
40.00	Old cor. obliterated = I set a charred cedar post 4 ft. long 3 ins. Square	

17, W. S. L. Mr.

Chains 12 ins. in the ground for re-established 1/4 Sec. cor. Marked 1/4 S. on W. side; dug pits 18x18 x12 ins. N.E. of post 5½ ft. dist, & mound of Earth 1½ ft. high 3½ ft. base around post.

8.00 Old corner obliterated. I set a charred cedar post 4 ft. long 4 ins. square, 12 ins in the ground for re-established cor. to secs. 7, 12, 13 & 18, marked the Tp. & Range & Secs, on the proper faces, with 2 notches on E. & W. sides; dug pits 18 x 18 x ½ ins, in each section 5½

Re-Survey

East Boundary T. 35 S. R. 14 W.

chains	ft. dist, & ranged mound of earth 2 ft. high, 4½ ft. base around post.	
	Land level.	
	Soil 3d rate.	
	Dense Artemisia & Grasses	59.30
	undergrowth,	64.50
	No timber.	80.00

"

North on Re-survey line bet. Secs. 7 & 12, Var. 15° 15' E.

40.00	Old corner obliterated; set a charred cedar post 4 ft. long, 3 ins. square 12 ins. in the ground, for re-established ¼ Sec. cor. Marked ¼ S. on W. side,

Dug pits 18×18×12 ins, N&S of post 5½ ft. dist, & raised mound of earth 1½ ft. high 3½ ft. base around post.

59.30 Sand ridge bears NE & SW.

64.50 " " " NE.

80.00 Old corner obliterated: Set charred cedar post 4 ft. long 4 ins. Square, 12 ins. in the ground for re-established cor. to secs. 1, 6, 7 & 12, properly marked on the faces with the Tp. Range & Secs, with 1 notch on N. & 5 on S. edges; dug pits 18×18×12 ins, in each section 5½ ft. dist, & raised mound of earth 2 ft. high 4½ ft. base

257 238 Re-survey BOOK

East Boundary T. 35 S. R. 17 W. 2

chains	around post. Land mostly level, soil 2d rate. Dense Artemisia under growth: No timber.	80.00
	North on Re-survey line bet. secs. 1 & 6. Var. 15° 15' E.	
40.00	Old corner obliterated: set a charred cedar post 4 ft. long 3 ins. square 12 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 S on W. side; dug pits 18 x 18 x 12 ins. N & S. of post	

W. S. L. M

5½ ft. dist, & raised mound of earth 1½ ft. high 3½ ft. base around post.

8000 The old stone I find covered up with sand; I uncover it; a Granite 24×12×9 ins marked 6 notches on the established cor. to T. 34 & 35 S. R. 16 & 17 W. N. E. S. & W. Edges; to which I add the prescribed pits & mound.

Land level,
Soil 2d rate.
Dense Sage brush &
Greasewood undergrowth.

Note:

From the above cor. the temporary cor. set in

North boundary T. 35 S., R. 17 W., S.

chains running the random line on the N. boundary of this Tp, bears N. 103 links W. 76; therefore the bearing for the true line will be N. 89° 59' W. & the correction 2 links S. & 76 east per mile. 80.00

From the above described cor. to S. 34 & 35 S. R. 16 & 17 W, I run N. 89° 59' W. on true line bet. Secs. 1 & 36 Var. 18° 15' E.

40.00 Deposited a marked stone 12 ins. in the ground for 1/4 sec. cor: dug pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. & raised a mound

W. S. L. Mk.

of earth 1½ ft. high 3½ ft.
base over all; In C. pit
drive stake 2 ft. long 2 ins
square 12 ins. in the ground
Marked ¼ S. on N. face.
$6.00 Set Granite stone 12 x 7 x 6
ins. 8 ins. in the ground,
for cor. to secs. 1, 2, 35 & 36,
Marked 1 notch on E. & on
W. edges; dug pits 18 x 18
x 12 ins, in each sec. 5½
ft. dist. & mound
of earth 2 ft. high 4½ ft.
base alongside.
Land level.
Soil 1st rate.
Dense sage brush and
Shadscale undergrowth.

"

North Boundary T. 35 S. R.

chains N. 89° 59' W. Lect. Secs. 2 & 35
Var. 15° 15' E.

40.00 Deposited small marked stone 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. W. & E. of cor. 5 1/2 ft. dist. & raised a mound of stone 1 1/2 ft. high 3 1/2 ft. base over it; In E. pit I drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. side.

80.00 Set Granite stone 12 x 10 x 6 ins. 8 ins. in the ground for cor. to secs. 2. 3. 34 & 35, marked 2 notches on E. & 4 on W. edges; dug pits 18 x 18 x 12 ins. in each. sec. 5 1/2 ft. dist. & raised

17 W. S. L. M.

chains a mound of earth 2 ft. high, 4½ ft. base along side,
Land level.
Soil 1st rate.
Dense Shadscale & Artemisia underground.
No timber.

N. 89°59' W. bet. Secs. 3 & 34
Var. 15°15' E.

40.00 Deposited marked stone 12 ins, in the ground for ¼ sec. cor, dug pits 18 x 18 x 12 ins, E & W. of cor. 5 ½ ft. dist, & raised a mound of Earth 1½ ft. high 3½ ft. base over it,
In E. pit I drove a

North Boundary T. 35 S. R.

chains		BOOK 17 chains
	stake 2 ft. long 2 ins. Sqr. 12 ins. in the ground Marked ¼ S. on N. side.	8.30
80.00	set Granite stone 14×5×5 ins, 10 ins. in the ground, for cor. to secs. 3. 4. 33 & 34 Marked 3 notches on E & W. edges; dug pits 18×18×12 ins. in each sec. 5½ ft. dist. ~~dug~~ & raised mound of earth 2 ft. high 4½ ft. base alongside.	40.00
	Land level.	
	Soil 1st rate.	
	Dense Shadscale & Artemisia undergrowth.	80.00
	No timber.	

17 W. S.L.M.

Chains	N. 89°59' W. bet. secs. 4 & 33
	Var. 15°15' E.
8.30	Wash drains N.
40.00	Deposited small marked stone 12 ins. in the ground for 1/4 sec. cor.; dug pits 18×18×12 ins. E & W. of cor. 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over N.; In E. pit I drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked 1/4 S. on N. side.
80.00	set Granite stone 12×6×4 ins. 8 ins. in the ground for cor. to secs. 4, 5, 32 & 33 marked 4 notches on E & 2 on W. edges, dug pits

North Boundary T. 35 S.

chains 18×18×12 ins, in each sec. 5½ ft. dist, & raised a mound of earth 2 ft. high 4½ ft. base alongside.
Land mostly level.
Soil 1st rate.
Dense Shadscale & Artemisia undergrowth.
No timber.

N. 89°59' W. bet. Secs. 5 & 32
Var. 15°15' E.

40.00 Deposited marked stone 12 ins, in the ground for ¼ sec. cor. dug pits 18×18×12 ins, E & W. of cor. 5½ ft. dist, & raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit I

R. 17 W. S. L. M.

Chains drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground marked 1/4 S. on N. side.

8000 set Lava stone 12×8×7 ins. 12 ins. in the ground for cor. to secs. 5.6.31 & 32 marked 5 notches on E. & on W. edges; dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base alongside.

Land Gently rolling soil 2d rate.

Dense shadscale & artemisia undergrowth.

No timber

North Boundary T. 35 S. R.

Chains

S 89° 59' W. on true line
bet. Secs. 6 & 31
Cor. 15 15 6.

40.00 Deposited Marked stone
12 ins. in the ground
for 1/4 sec. cor. Dug pits
18 x 18 x 12 ins. & W. & cor.
5 1/2 ft. dist. & raised a
mound of earth 1 1/2 ft.
high, 3 1/2 ft. base over it,
In E. pit I drove a
stake 2 ft. long 2 ins.
square 12 ins. in the
ground, marked 1/4 S.
on N. side.

80.76 The cor. to S. 34 & 35 S. R.
17 & 18 W., which is a
Granite stone 16 x 8 x 8
ins. with pits &
mound.

R. 17 W. S. L. M.

Land Gently rolling.
Soil 2d rate.
Dense Shadscale & Arte=
misia undergrowth.
No timber.
Sept. 7th 1881.

—— " ——

250

General Description

This township lies in the Escalante Valley, soil generally 1st rate, with no mineral or timber — it contains no settlements at present — It can be easily subdivided.

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

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19. 188[illegible]

The foregoing field notes of the survey of the

North & West Boundaries and Reserve E. Boundary

Township No 35 S. *Range No* 17 W

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his *contract No* 102

of the 27 *day of* May 1881,

in the month of Sept. 1881,

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

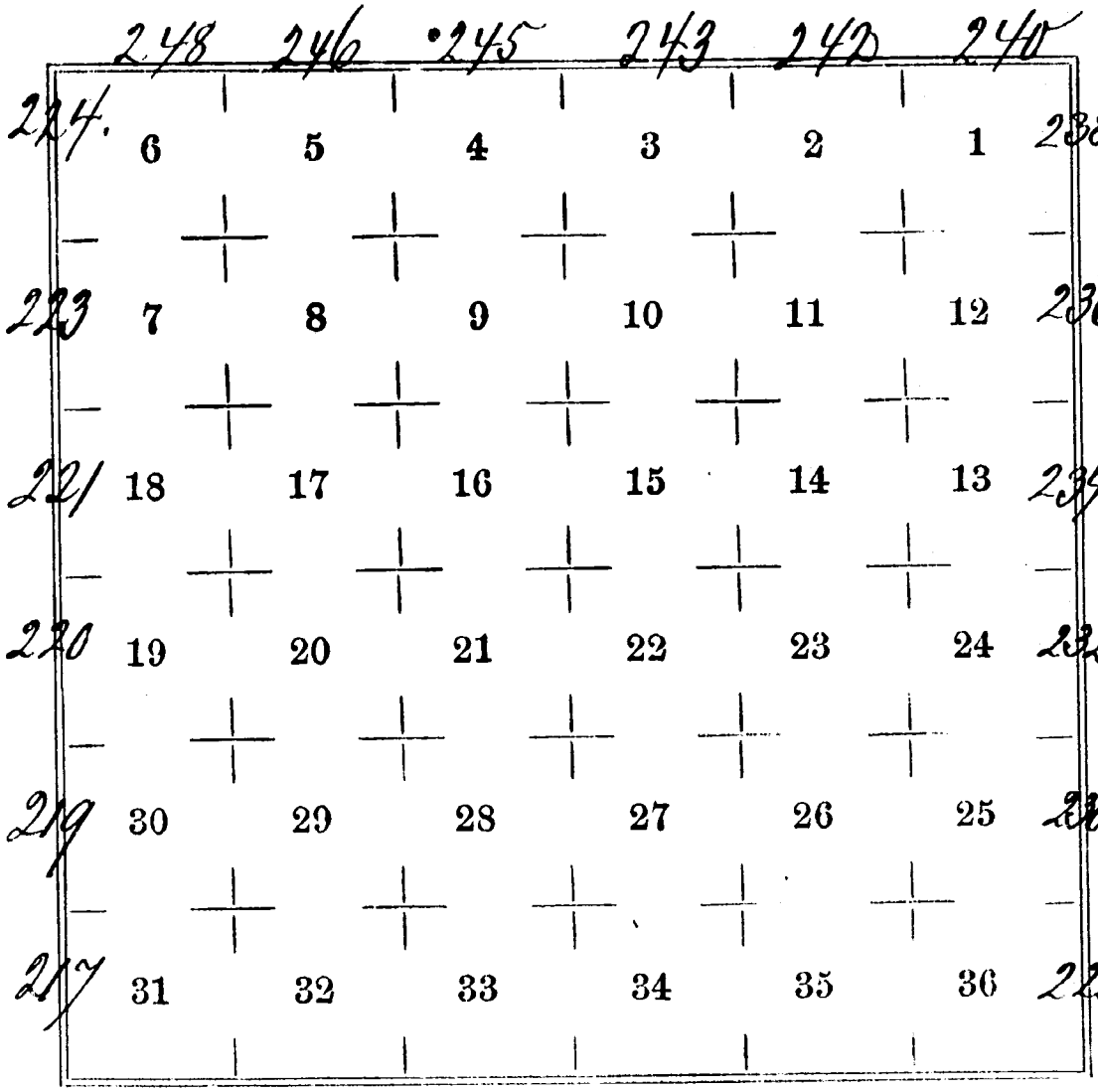
Fred. Salomon.

U. S. Surveyor General for Utah.

10

BOOK-A-176

Township 35 S. **R.** 17 W.



BOOK-A-176 28
R: 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Nicholas

FIELD NOTES

OF

THE SURVEY OF THE

West and North Boundaries

of Township No. 35 S. , Range No. 18 W.

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 27. 1881.

Survey commenced Sept. 8. 1881.

Survey completed Sept. 9. 1881

BOOK A-176 251

West Boundary T. 35 S. R. 18 W.

chains

Survey commenced Sept. 8th 1884, with a Burts improved Solar compass which I tested on the meridian obtained by an observation on the Star Polaris, and found correct.

From the standard cor. to T. 35 S., R. 18 & 19 W. which is a Volcanic Stone 20 x 9 x 8 ins. in mound of stones, I run

North bet. Secs. 31 & 36

Var. 15° 06' E.

40.00 set Granite Stone 12 x 10 x 10 ins in mound, for 1/4 Sec. cor. Marked 1/4 on W. side, dug pits 18 x 18 x 12 ins, N.W. of stone 5 ft.

2 5 2

West Boundary T. 35 S. R. 18 W.

chains	
	dist, & raised a mound of Earth ½ ft. high 5½ ft. base alongside.
80.00	Set Granite stone 15 x 12 x 7 ins. 10 ins. in the ground for cor. to secs. 25, 30, 31 & 36, marked 5 notches on N & 1 on S edges, & raised mound of stone alongside.
	Land high Bench soil 2d rate.
	Dense artemisia undergrowth.
	No timber
	North bet. Secs. 25 & 30
	Var. 15° 06' E.
22.30	Wash drains S.E. Leave Bench & ascend mts.
40.00	set Volcanic stone 15 x 12 x

W. S. L. M.

chains 10 ins, 10 ins, in the ground for 1/4 Sec. cor. Marked 1/4 on W. side & raised a Mound of stones along side.

8000 set Trachyte stone 14×14×12 ins. 10 ins, in the ground for cor. to Secs. 19. 24, 25 & 30, Marked 4 notches on N & 2 on S. Edges, & raised Mound of stone along side,

Land Mountainous,

Soil 2d rate.

No timber.

North bet. Secs. 19 & 24

Var. 15° 06' E.

254

West Boundary T. 35 S. R.

20.50	Ridge bears E. & W.
40.00	Set Trachyte stone 12×10×6 ins. 8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. side, & raised mound of stones alongside.
45.00	Wash drains E.
60.00	Ridge bears SW. & NE.
65.00	Wash drains SW.
70.00	Enter Boulders E & W.
77.75	Leave " "
80.00	set Trachyte stone 20×14×8 ins. 15 ins. in the ground for cor. to secs. 13, 18, 19 & 24 Marked 3 Notches on N. & S. Edges, & raised mound of stone alongside.

Land Mountainous

Soil 2d rate.

No timber

" "

18 W. S. L. M.

chains	North bet. Secs. 13 & 18
	Var. 15°06' E.
	Ascend
25.00	Top of Mts: bear E & W.
39.80	Gulch drains E.
40.00	set Volcanic Stone 24 x 12 x 7 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, & raised a mound of stone along-side.
45.00	Hollow drains E.
50.00	Ridge bears E & W.
80.00	set Trachyte stone 12 x 12 x 7 ins. 8 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, marked 2 notches on N. & 4 on S. Edges & raised mound of stone along side.

25-6

West Boundary T. 35 S. R. 15 W.

chains	
	Land Mountainous
	Soil 2d rate.
	No timber.
	North bet. Secs. 7 & 12
	Var. 15° 06' E.
5.00	Hollow bears E.
20.00	Ridge bears E. & W.
40.00	Set Trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor, marked 1/4 on N. side, & raised mound of stones along side. Descend
75.00	Foot of Mountains E & W.
79.65	Road bears N & S.
80.00	Set Trachyte stone 15 x 10 x 4 ins. 10 ins. in the ground

BO

W.

chains

15.0

20.0

35.7

36.

W. S. L. M.

Chains for cor. to secs. 1, 6, 7 & 12, Marked / notch on E & S on S. edges, & raised a mound of stones along side, in a hollow drains S E.

Land mountainous.
Soil 2d rate,
Timber.

North bet. secs. 1 & 6
Var. 15° 06' E.

15.00 Ridge bears S E & N W.
20.50 Wash in hollow drains S E,
Thence in same hollow,
35.00 Wash drains S E, Enter Valley
36.40 Road to Desert Springs
bears N W & S E.

West Boundary T. 35 S. R. 18 W.

40.00 Set Trachyte stone 20 x 10 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side: dug pits 18 x 18 x 12 ins. N. & S. of stone, 5 1/2 ft. dist, & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base along-side.

45.00 Leave the hollow drains S.E.

80.00 set Granite stone 18 x 12 x 7 ins. 12 ins. in the ground for cor. to Tps. 34 & 35 S. R. 18 & 19 W.; marked 6 notches on N. E. S. & W. edges dug pits 24 x 18 x 12 ins, lengthwise on each line N. E. S. & W. of stone 6 ft. dist, & raised mound of earth 2 1/2 ft. high 5 ft. base alongside. Land rolling & nearly level.

W. S. L. W.

Soil 2d rate,
Dense Artemisia & Shad
scale undergrowth.
No timber.

"

North Boundary T. 35 S. R.
18 W. S. L. M.
From the cor. to T. 34 &
35 S. R. 18 & 19 W. above
described, I run
East on a random line
with a variation of 15°
15' E, bet. T. 34 & 35 S. R. 18 W.
Setting temporary corners
at 40 & 80 chs, and at
5 miles 79 chs & 42 lks
I intersect the east
boundary at the cor. to

281 260

North Boundary T. 35 S. R 18

Tps. 34 & 35 S. Ranges 17 & 18
W, which is a Granite
stone 16 x 8 x 8 ins, with
pits & mound; The course
of the true line will be
West, and the correction
58 links West.

Sept 9th 1881.

From the above described
cor. I run

West on true line
Chains bet. Secs. 1 & 36
Var. 15° 15' E.

2.00 Hallow drains N.
40.00 Set a Schale stone 12 x 10 x
6 ins. 8 ins. in the ground
for 1/4 sec. cor. Marked 1/4
on N. side, witnessed with
the prescribed pits & mound,
Note: As there are no stones

W. S. L. M.

Chains on this line, the corners will all have the prescribed pits & mound, & I deem it useless to keep continually repeating their dimensions, and thereafter will simply use the above expression at each corner.

8.00 Set Volcanic stone 12×10×6 ins. 8 ins. in the ground for cor. to secs. 1. 2. 35 & 36, Marked 1 notch on E. & S. on N. edges, witnessed with the prescribed pits & mound.

Land level.
Soil 1st rate.
Dense Artemisia undergrowth. No timber.

North Boundary T. 35 S. R. 18 W. &

Chains		Chains
	West on true line bet. Secs. 2 & 35. Var. 15° 15' E.	
40.00	set Volcanic stone 14 x 9 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, witnessed with the prescribed pits & mound.	40.00
80.00	set Volcanic stone 15 x 15 x 3 ins. 10 ins, in the ground for cor. to secs. 2. 3. 34 & 35, Marked 2 notches on E. & 4 on W. edges, witnessed with the prescribed pits & mound. Land level. Soil 1st rate. Dense Artemisia under-growth. No timber.	80.00

W. S. L. M. 263

Chains	Mest on true line bet. Secs. 3 & 34 Var. 15° 15' E.
40.00	Deposited a small marked stone for 1/4 sec. cor. dug the prescribed pits & raised mound of earth over it. In E. pit I drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. side.
80.00	Set volcanic stone 18 x 6 x 6 ins. 12 ins. in the ground for cor. to secs. 3, 4, 33 & 34, marked 3 notches on E. & W. edges, witnessed with the prescribed pits & mound. Land level.

North Boundary T. 35 S. R. 18 W

chains	Soil 1st rate.	80.00
	Dense artimesia under-growth.	
	No timber.	
	— " —	
	West on true line bet. secs. 4 & 33 Var. 15° 15' E.	
40.00	Deposited a quart of Pebbles 12 ins. in the ground, for 1/4 sec. cor. dug the prescribed pits & raised mound of earth over it; In E. pit I drove a stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S. on N. side.	40.00
49.40	Road to Desert springs, N.W.	
60.00	Hollow drains N.E.	

18 W. S. L. M

80.00 Set Volcanic stone 18x10 x4 ins. 12 ins. in the ground for cor. to secs. 4, 5, 32 & 33 marked 4 notches on E. & 2 on W. edges, and witnessed with the prescribed pits & mound.
Land nearly level.
Soil 1st rate.
Dense Artimesia under=growth.
No timber.

— " —

West on true line
bet. secs. 5 & 32
Var. 15°15' E.

40.00 Deposited a quarter of pebbles 12 ins, in the ground for 1/4 sec. cor.

North Boundary T. 35 S. R.

chains	
	dug the prescribed pits, & raised mound of earth over it: In E. pit I. drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. side.
80.00	set Granite stone 12 x 12 x 5 ins. 8 ins. in the ground for cor. to secs. 5, 6, 31 & 32, marked 5 notches on E. & 1 on W. Edges, and witnessed with the prescribed pits & mound. Land level, soil 1st rate. Dense Artimesia undergrowth. No timber.

BOOK

18

chains

40.00

79.4

18 W. S. L. M.

chains	
	West on true line bet. Secs. 6 & 31, Var. 15° 15' E.
40.00	set Volcanic stone 15×15× 4 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, witnessed with the prescribed pits and mound of earth.
79.42	The cor. to Tps. 34 & 35 S. R. 18 & 19 W. described at the beginning of the random line. Land level. soil 1st rate. Dense Artimesia under-growth.

No timber.

Sept 9th 1881.

289 268

General Description

This township lies mostly in Escalante Valley, except the S.W. portion which is broken & mountainous — There are no settlements at present — It can be easily subdivided.

F. C. Bailey
U.S. Deps. Surv.

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 1881

The foregoing field notes of the survey of the

West and North Boundaries

Township No 35 S. *Range No* 18 W.

of the Salt Lake Meridian, Utah Territory,

Executed by J. C. Bailey

Under 102 *contract No* 102

of the 27 *day of* May 188/,

in the month of September 188/,

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

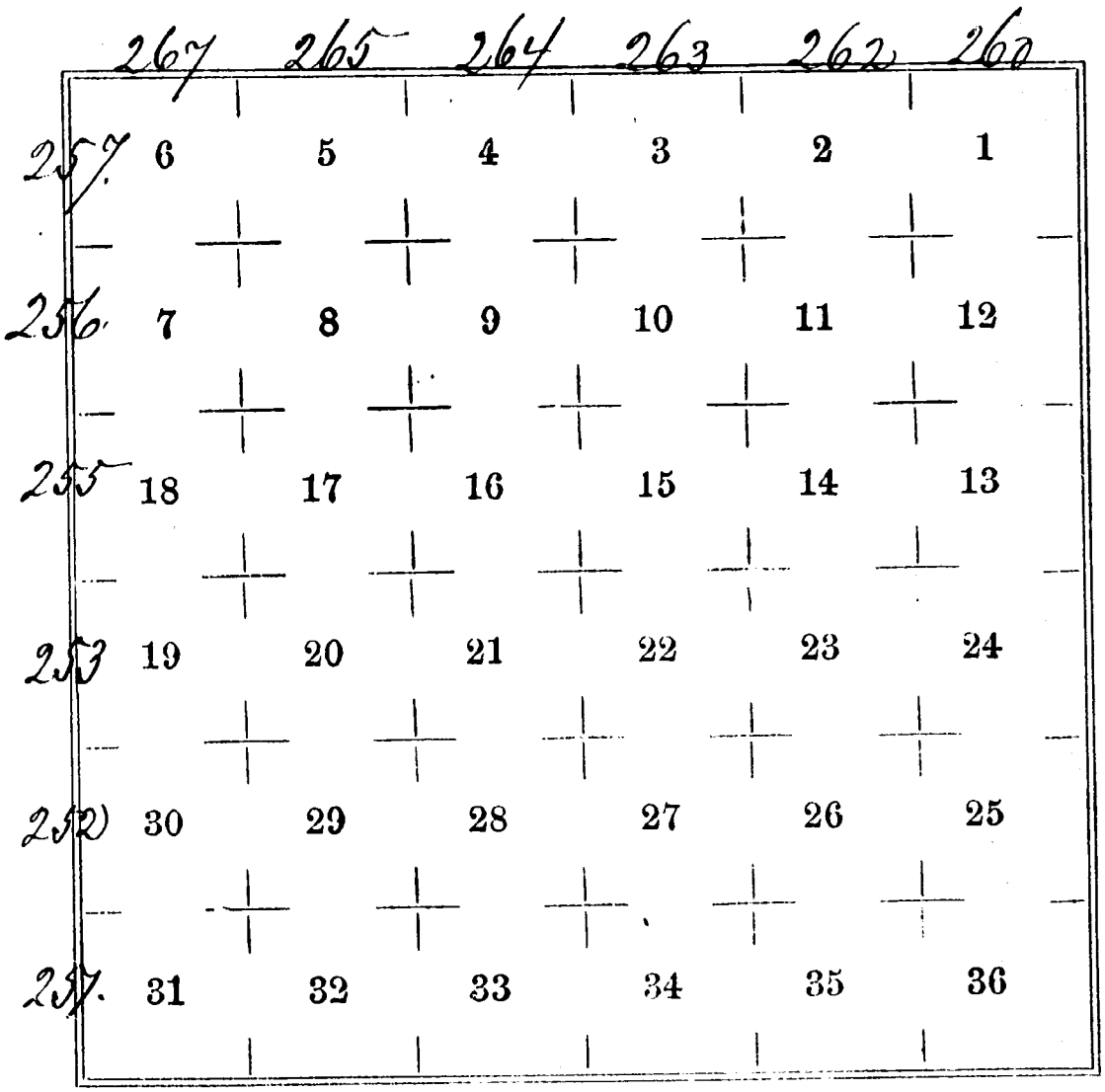
Fred. Dalrymple

U. S. Surveyor General for Utah.

11.

BOOK-A-176

Township 35 S. **R.** 18 W.



BOOK-A-176
R. 1881

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

Guide Meridian West

of Township No. 36. 37. 38 & 39 S. Ranges No. 15 & 16 W

of the Salt Lake Meridian in Utah Territory.

BY

J. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 25th 1881.

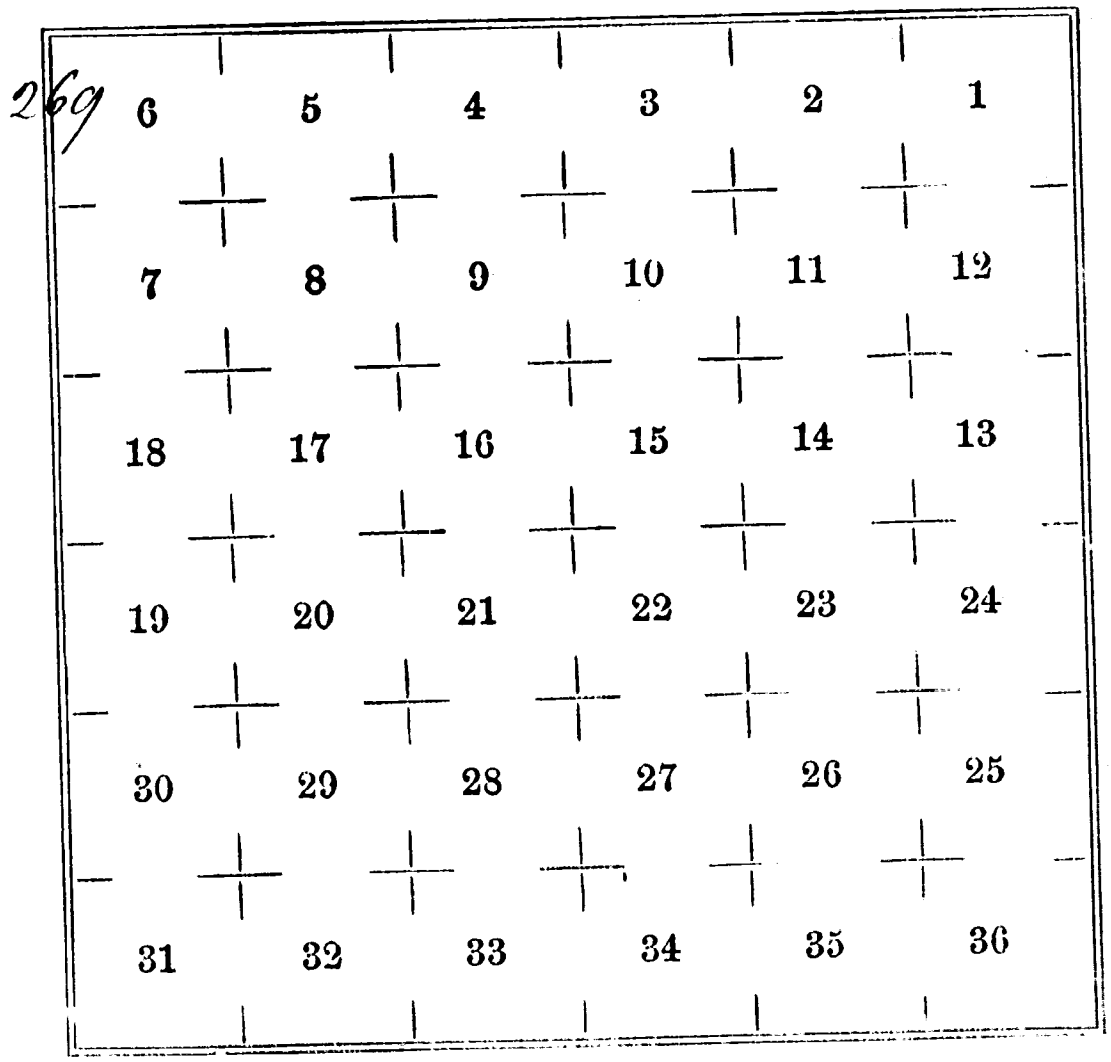
Survey commenced August 29 1881

Survey completed " 29 1881

12.

BOOK-A-176

Township 39 S. **R.** 15 W.



BOOK-A-176

Township No. 38 S. *Range No.* 15 W.

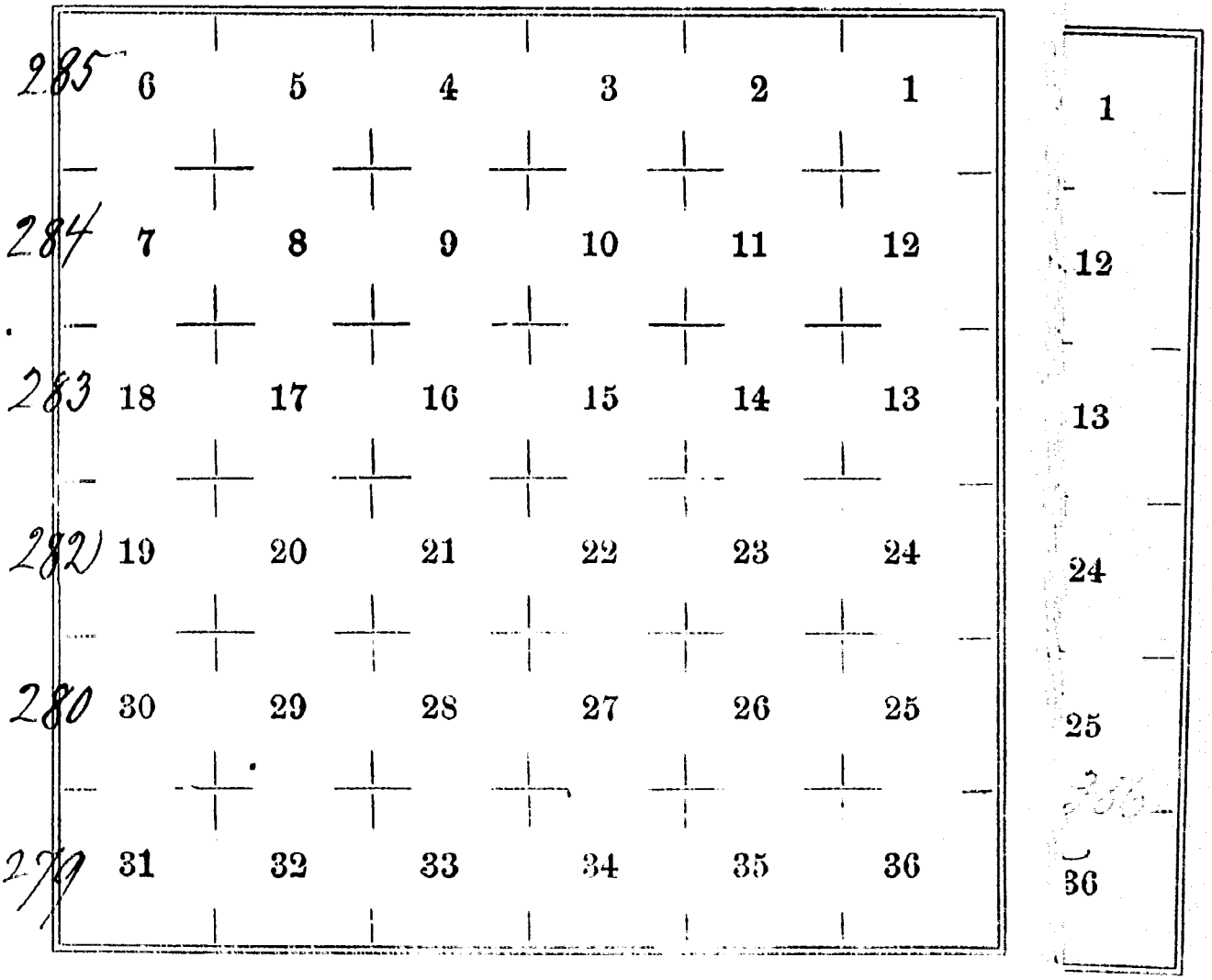
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

1 12 13 24 25 36

1216 39 S.

BOOK-A-176

Township 37 S. **R.** 15 W.



Guide Meridian 292

BOOK-A-176269

West Boundary T. 39 S. R. 15 W.

Chains Survey commenced Aug 27th 1881, with a Burts improved Solar compass, which I previously tested on the meridian obtained by an observation on the star Polaris, and found correct.

From the Trachyte stone 18×12×12 ins. set firmly in the ground with mound of stone, which is the cor. to Secs. 1, 6, 7 & 12, T. 39 S. R. 15 & 16 W.

I run

North bet. Secs. 1 & 6

Var. 16° E.

Im Scattering cedar.

34.75 Hollow drains S.W.

40.00 set a Trachyte stone 15×12×5

West boundary T. 39 S. R. 15 W.

ins. 10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on W. side & raised
mound of stones along
side, from which
a cedar 14 ins. dia. bears N. 45 E. 100 lks.
62,00 Hollow drains SW.
80,00 on S.E. Slope, set Trachyte
24 x 12 x 12 ins. 18 ins. in the
ground for cor. to Tps. 38 &
39 S. R. 15 & 16 W. marked
6 notches on N. E. S. & W.
edges & raised mound
of stone alongside.
Land Mountainous.
Soil 2d rate.
Scattering cedar & Piñon pine.

Note: As the country west is
to mountainous to run out square
of 24 miles, I continue the Guide
Meridian north.

BOOK A 176

Guide Meridian 27
West Boundary T. 38 S. R. 15 W.

Chains	
	North 5 bet. Secs. 31 & 36
	Var. 15° 30' E.
20.00	Top of East slope
40.00	Set Trachyte stone 20 x 10 x 10 ins. 14 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on N. side, & raised a mound of stone alongside, from which A Pine 12 ins. dia. bears N. 70° W. 75 lks Marked 1/4 S. B. T.
48.50	Hollow drains SE, course
84.00	Set a Trachyte stone 18 x 12 x 8 ins. 12 ins. in the ground, for cor. to Secs. 25. 30. 31 & 36, Marked 5 notches on E. & 1 on S. Edges, & raised mound of stone alongside, from which

West Boundary T. 38. S. R. 15

Chains A pine 9 ins. dia. bears S. 89° W. 50 lks.
Marked T. 38 S. R. 16 W. S. 36. B. T.
Land Mountainous.
Soil 2d rate.
Scattering Cedar & Pine.

North bet. Secs. 25 & 30
Var. 15° 30' E.

40.00 set Trachyte stone 16 x 12 x
6 ins. 11 ins. in the ground
for 1/4 Sec. cor. Marked
1/4 on W. side & raised
mound of stone along
side from which
A Cedar 10 ins. dia. bears S. 10° E. 25 lks.
Marked 1/4 S. B. T.

62.75 Hollow drains S. W.

80.00 Near top of Divide, E & W.

W. S. L. M.

chains Set a Granite stone 12 x 10 x 10 ins. 8 ins. in the ground for cor. to sec. 19. 24. 25 & 30, Marked 4 notches on N. & E. sides, and mound of Stones alongside, from which A Pine 15 ins. dia. bears N. 35° E. 25 lks, marked T. 38 S. R. 15 W. S. 19. B. T. Land Mountainous Soil 2d rate, Scattering cedar & Pine

"

North bet. Secs. 19 & 24 Var. 15° 30' E,

5.00 Top of Mountain E. Var.

297 Guide Meridian
294
West Boundary T. 38 S. R.

27.35 Hollow drains SW.
40.00 set Granite stone 14x10x10 ins,
10 ins. in the ground for
1/4 sec. cor. marked 1/4
on W. side & raised a
mound of stone along
side, from which a
spring bears N. 60 W,
about 12 chs; drains SW.
64.10 Hollow drains SW.
80.00 set Trachyte 24x14x7 ins,
18 ins. in the ground for
cor. to secs. 13, 18, 19 & 24,
marked 3 notches on N &
S. Edges, & raised a
mound of stone
alongside.
Land Mountainous.
Soil 2d rate.
A few cedar & Piñon pine

13 W. S. L. M.

North bet. Secs. 13 & 18.

Var. 15° 30' E.

Ascend, & Leave timber.

40.00 set Lava stone 16×10×8 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side & raised a mound of stone along side.

80.00 Set Trachyte stone 15×10×10 ins. 10 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked 2 notches on N & 4 on S. Edges, & raised a mound of stone along side.

Land Mountainous,

soil 2d rate.

No timber.

—— " ——

299 Guide meridian
276
West Boundary T. 38 S. R.

Chains	North bet. Secs. 7 & 12; Var. 15°30' E.
14.00	Top of Mountain E. & W. which is on the "Rim of the Basin" — descend. Note: At a point about two miles west, is the place where the Mountain Meadows Massacre took place in 1857, on which bloody occassion 118 Arkansas Emigraints were slaughtered by the Mormons — At this point a monument is erected on which is the inscription "Vengance is mine Saith the Lord, I will repay".

15 W. S. L. M.

40.00 set a Bowlyte stone 24 x 24 x 8 ins. 18 ins. in the ground, for 1/4 sec. cor. Marked 1/4 on W. side & raised mound of stone alongside.

74.00 Mallow drains N.W.

81.00 set Bowlyte stone 12 x 10 x 8 ins. 8 ins. in the ground for cor. to secs. 1. 6. 7 & 12, Marked 1 Notch on E. & S. Edges, & raised mound of stone alongside.

Land Mountainous
soil 2d rate
No Timber.

301 Guide Meridian
West Boundary T. 38 S. R. 15 W.

278

chains North bet. secs. 1 & 6.
Var. 15° 30' E.

40.00 set Granite 15×10×10 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, & raised a mound of stone alongside. 5.30

66.35 Wash drains N. W.

79.90 Creek 8 Cks wide in hollow drains N.W. 7.0

80.00 set Sandstone 20×12×9 ins 14 ins. in the ground for cor. to Tps. 37 & 38 S. R. 15 & 16 W. marked 6 notches on N. E. S & W. Edges, & raised a mound of stone along side. 24.5 40.0 46

Land Mountainous. 58.

W. S.L. M.

Soil 2nd rate.
No timber

"

North bet. secs. 31 & 36
Var 15° 15' E.

5.30 House bears N. 85° W.
about 24 chns. Field E & W.
N. of house.

7.00 Wash drains S. W.

24.50 Road bears E & W.

40.00 Set Granite stone 17 x 8 x 8
ins. 11 ins. in the ground
for 1/4 sec. cor. marked
1/4 on W. side and raised
a mound of stone
alongside.

46.50 Enter scattering cedars

58.00 Ravine drains N W.

303 Guide Meridian
280
West Boundary T. 37 S. 15 E.

59.50 Road from Pinto to Mountain Meadows brs. N 20 E. S. E.

80.00 Set Granite stone 14 x 12 x 6 ins. 10 ins. in the ground marked 5 notches on N. & 1 on S. edges cor. to secs. 25, 30, 31 & 36, & drive Iron pipe 18 x 18 x 12 ins. in each sec. 5½ ft. distant and raised a mound of earth 2 ft. high 4½ ft. base alongside
Land Mkr.
Soil 1st rate. Scattering cedar, on N. 33.50 chns.

"

North bet. secs. 25 & 30
Var. 15° 15' E.

6.25 Wash drains N. W.

W. S.L. Inc.

24.50 Wash drains N.W.

26.10 " " " "

40.00 Set Granite stone 16X10 X8 ins. 10 in. in. The ground for 1/4 sec. cor. marked 1/4 on W. side and raised a mound of stone a long side.

Ascend

80.00 Top of hill brs. E. & W. Set Granite stone 12X10 X10 ins. 8 ins. in. the ground for cor. to secs. 19. 24. 25 & 30. marked 4 notches on N. and 2 on S. edges and raised a mound of stone alongside.

Land Poor.

Soil 2nd rate

Scattering cedars

305 Guide Meridian 282 800K

West Boundary T. 37 S. 15 W.

North bet. secs. 19 & 24

Var. 15°15' E.

The town of Hamblin bos. W. about 1 mile

30.00 Ravine drains S. W.

40.00 Set Granite stone 15 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side and raised a mound of stone alongside 20.00 40.00

50.00 Ravine drains S. W.

60.00 Ridge bears S. W.

75.00 Ravine drains S. W.

80.00 Set Trachyte stone 15 x 10 x 6 ins. 10 ins. in the ground for cor. to secs 13, 18, 19 & 24 marked 3 notches on N. & S. edges and raised a mound of stone alongside. 55.0 80.0

W. S. L. M.

Land Mks.
Soil 2nd rate.
Scattering cedars.

North bet. secs. 13 & 18
Var 15° 15' E.

20.00 Road in cañon S. W.

40.00 Set Trachyte stone 16 x 12 x 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side and raised a mound of stone a-longside.

55.00 Ridge bears S. W.
Descend to

80.00 Set Trachyte stone 16 x 10 x 7 ins. 16 ins. in the ground for cor. to secs.

Guide Meridian 284
West Boundary T. 37 S. 15 W.

7.12.13 & 18 marked 2 notches on N. and 4 on S. Edges and raised a mound of stone along side. 48.00 80.00

Land Mts.
Soil 2nd rate.
Scattering cedars.

North bet. secs. 7 & 12
Var. 15° 15' E.

15.00 Ravine drains N. W.
32.00 Ridge trs. N. W.
40.00 Set Trachyte stone 14 x 12 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side and raised a mound 5.0

15 W. S. L. M.

of stone alongside

48.00 Ravine drains N. W.

Along W. slope

80.00 Set Trachyte stone 18 X 9 X 6 ins 12 ins. in the ground for cor. to secs. 16, 7 & 12 marked 1 Notch on N. & 5 on S. edges. and raised a mound of stone a-long side.

Land Mts.

Soil 2nd rate.

A few cedar.

North bet. secs. 1 & 6

Var. 15°15' E.

5.00 Top of hill N. W.

35.00 Gulch draining N. W.

40.00 Set Trachyte stone 14 x 10 x 10 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side and raised a mound of stone alongside.

Ridge bns. N. W.

45.00

65.00 Gulch draining N. W. from W. slope of Rocky Butte.

80.00 Set red Quartzite stone 20 x 8 x 8 in 14 ins. in the ground, for cor. to Tps. 36 & 37 S. R. 15 & 16 W. marked 6 notches on N. E. & W. Edges, from which

A Pine 6 ins. dia. brs. N. 2 W. 20 lks. marked T. 36 S. R. 16 W. S. 36 B. T.

A Pine 15 ins. dia. brs. N. 45 E. 60 lks. marked T. 36 S. R. 15 W. S. 31 B. T.

A. Pine 12 ins. dia brs. S. 89 E. 64 lks. marked T. 37 S. R. 15 W. S. 6. B. T.

A Pine 11 ins. dia. bs. S. 25 W. 85 lks,
marked T. 37 S. R. 16 W. S. 1 B. T.
Land Mts.
Soil 2nd rate
Scattering cedar & Piñon Pine
Aug. 27th 1881

Guide Meridian
288
West Boundary T. 36 S. 15 W.

Aug. 29th 1881
North bet. secs. 31 & 36.
Var 15° 15' E.

20.00 Gulch drains N. W.
40.00 Ridge brs. N. W.
Set sand-stone 15 X 10 X 7 ins.
10 ins. in the ground for 1/4
sec. cor. marked 1/4 on W.
side and raised a mound
of stone alongside.
Gulch drains N. W.
57.00 N. W. point of ridge, descend
72.00 into Escalante Valley
80.00 Set sand-stone 20 X 7 X 6 ins.
15 ins. in the ground for
cor. to secs. 25. 30, 31 & 36.
marked 5 notches on N. &
1 on S. edges and raised
a mound of stone along
side. Leave timber.

40.00
50.20
80.00

S. L. M.

Land Mtr.
Soil 2nd rate.
Scattering cedar and pine.

"

North bet. secs. 25 & 30
Var. 15° 15' E.

40.00 Set Limestone 15 X 8 X 8 ins.
10 ins. in the ground
for 1/4 sec cor. marked 1/4
on N. side and raised a
mound of stone alongside
50.20 Road bs. N. E. & S. W.
80.00 Set Granite stone 15 X 15
X 10 ins. 10 ins. in the
ground for cor to secs
19. 24. 25 & 30 marked 4
notches on N. side and

313 Guide Meridian
West Boundary T. 36 S. R. 15 290

chains		chains
	2 on S. edges. and raised a mound of stone along side.	80.00
	Land gentle N. slope	
	Soil 1st rate.	
	Dense sage brush.	
	No timber	
	North bet. Secs. 19 & 24	
	Var. 15° 15' E.	
23.00	Leave slope & enter level land.	
40.00	set Trachyte stone 16 x 8 x 8 ins, 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, dug pits 18 x 18 x 12 ins, N. & S. of stone 5 1/2 ft. dist, & raised mound of earth 1 1/2 ft. high & 3 1/2	40.00

W. S. L. M.

chains ft. base alongside.

80.00 set Trachyte stone 20×10×10 ins. 15 ins. in the ground for cor. to secs. 13. 18. 19 & 24, Marked 3 notches on N. & S. Edges; dug pits 18×18×12 ins, in each sec. 5½ ft. dist, & raised mound of earth 2 ft. high, 4½ ft. base alongside.

Land Valley

Soil 1st rate.

Dense Sage brush.

North bet. Secs. 13 & 18

Var. 15°15' E.

40.00 set Trachyte 20×10×7 ins 15 ins. in the ground

315 Guide meridian
292
West Boundary T. 36 S. R. 15 W

chains		chains
	for 1/4 sec. cor. marked 1/4 on W. side; dug pits 18×18×12 ins. N. & S. of stone 5 1/2 ft. dist & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side.	40.00
80.00	set Trachyte stone 20×12×4 ins. 15 ins. in the ground for Cor. to secs. 7. 12. 13 & 18, marked 2 notches on N. & 4 on S. edges, and dug pits 18×18×12 ins, in each sec. 5 1/2 ft. dist, & raised mound of earth 2 ft. high 4 1/2 ft. base alongside.	80.00
	Land level Valley soil 1st rate	
	Dense sage brush.	

S. L. M.

Chains

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

40.00 Set Trachyte stone 15 x 12 x 5 ins, 10 ins in the ground for ¼ Sec. cor. Marked ¼ on W. side, dug pits & raised mound as prescribed in the manual.

50.00 Set sand stone 18 x 11 x 10 ins 12 ins. in the ground for cor. to Secs. 1. 6. 7 & 12 marked 1 notch on N. and 5 on S. edges. dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft base alongside. Land level valley. Dense sage brush. No timber

317 Guide Meridian
294
West Boundary T. 30 S. R.

North bet. secs. 1 & 6
Var 15°15' E.

13.20 Road to Pioche brs. E. & W.

40.00 Set Trachyte stone 14×12×7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side. dug pits 18×18×12 ins. N. & S. of stone 5 1/2 ft dist. raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side

80.00 cannot find the standard cor. to Tps. 35 S. R. 15 & 16 W. I set a temporary closing cor. (See remark below.)

155.97 Intersect 7th standard parallel S. 18.95 chns. W. of the standard cor. to Tp. 35 S. R 15 & 16 W. which is a red sand stone 16×12×8 ins, with pits & mound of Earth and a small mound of stones, found by re-survey of the 7th standard in Range 15 W. for the notes of which, see separate book. I set a granite stone 20×12×7 ins 15 ins.

15 W. S. L. M.

in the ground for standard closing cor. T. 36 S. R. 15 & 16 W. marked C. C. with six notches on E. S. and W. edges, dug pits 24 x 18 x 12 ins E. S. and W. of stone 5 1/2 ft. distant and raised a mound of earth 2 1/2 ft. high 5 ft. base alongside Land level valley.
Soil 1st rate
Dense sage brush.
No timber.
Aug. 29th 1881

" "

General Description

The most of the lands in the Townships 39 S. R. 15 & 16 W, have been subdivided; the remaining portion can be subdivided lying in the foot hills.
T. 38 S. R. 16 W. lies in the mountains and is unfit for subdivision.
T. 38 S. R. 15 W. lies mostly in the mountains, but the Eastern part can be subdivided in which there are some settlements.
T. 37 S. R. 15 W. lies

320

298

Mostly in the mountains, but a portion in the N.E. & S.E. corners can be subdivided in which there are some settlements & the town of Pinto in sec. 34,
T. 37 S. R. 16 W. contains the town of Hamblin & other settlements, along Mountain Meadow creek; It should be subdivided.
T. 36 S. R 15 W. is mostly subdivided — the balance can be also.
T. 36 S. R. 16 W. lies wholly in Escalante Valley & should be subdivided.

F. C. Bailey
U. S. Dep. Sur.

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec 19th. 1881

The foregoing field notes of the survey of the Guide Meridian, through

Townships No 36. 37. 38 & 39 *Range No* between 15 & 16 W. *of the Salt Lake Meridian, Utah Territory,*

Executed by J. C. Bailey

Under his *contract No* 102

of the 2nd *day of* May *1881,*

in the month of August *1881,*

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

Fred. Salsbury.

U. S. Surveyor General for Utah.

BOOK-A-176
R: 1882

322

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

South & West Boundaries

of Township No. 36 S. , Range No. 16 W.

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

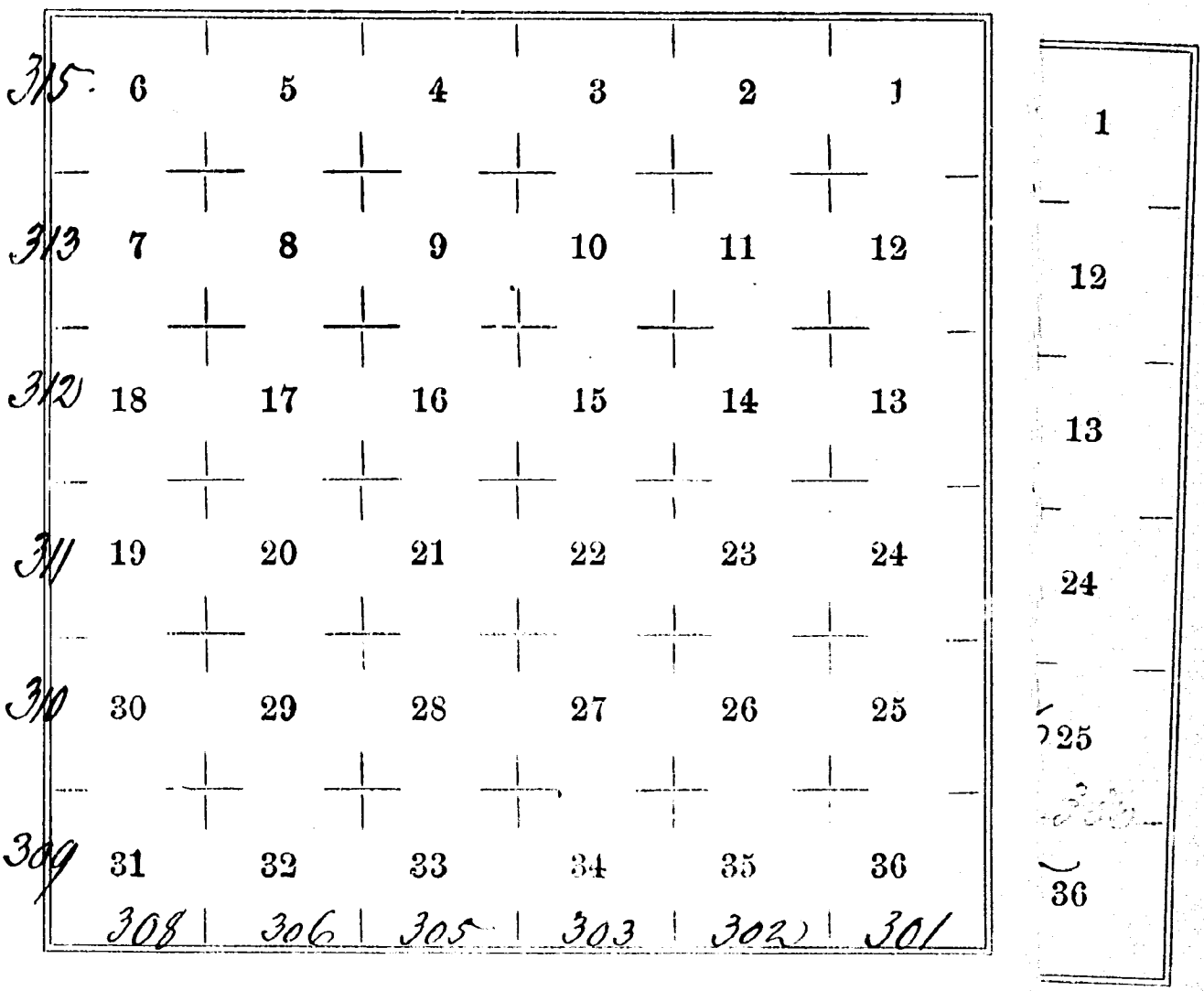
dated May 24th 1881.

Survey commenced Sept 1st 1881.

Survey completed " " 1881.

BOOK-A-176

Township 36 S. R. 16 W.



South Boundary T. 36 S. R. 16 W.

Commenced Sept. 1st 1881, with a Burts improved solar compass, tested on the Meridian obtained from an observation on the star Polaris, and found correct,

Begin at the Sandstone 24 x 20 x 20 ins. with Pits & Mound the cor. to T. 36 & 37 S. R. 16 & 17 W & run

East on a random line between T. 36 & 37 S. R. 16 W, Var. 15° 15' E, setting temporary corners at 40 & 80 chs. and at 5, Miles 79. chs & 40 links I intersect the Pine Valley Guide Meridian

300

South Boundary T. 36 S. R. 16 E.

13 lnks N. of the cor. to T. 36 & 37 S. R. 15 & 16 W. The bearing of the true line will thereby be N 89° 59' W, and the correction 60 lks N. & 2 lnks S. per mile. 40.00

From the Red Quartzite Stone 20 x 8 x 8 ins. from which A Pine 6 ins. dia. bears N 2° W. 20 lks
" " 15 " " " N 45 E. 60 "
" " 12 " " " S 89 E. 54 " 80.00
" " 11 " " " S 25 W. 85 "
which is the cor. to T. 36 & 37 S. R. 15 & 16 W. 63.40 chs. South of the "double P. Cor," on the South line, and run

16 W. S. L. M.

N. 89°59' W. on a true line
bet. Secs. 1 & 36
Var. 15°15' E.
Descend in cedars.

40.00 Foot of Mountains & enter Valley, set Trachyte stone 16×9×4 ins. 11 ins in the ground for 1/4 sec. cor. Marked 1/4 on N. side & raised mound of stone alongside, from which A cedar 5 ins. dia. bears S. 65 W. 64 lks Marked 1/4 S. B. T.

80.00 Set Sandstone 15×10×7 ins. 10 ins. in the ground for cor. to secs. 1. 2. 35 & 36, Marked 1 notch on E & 5 on W. edges, & raised mound of stone along side.

South boundary T. 36 S.

chains Land Mountainous on E. 40 chs. Bal, valley soil 2d & 1st rate. Timber cedar.

—— " ——

N. 89° 59' W. on true line bet. secs. 2 & 35
Var. 15° 15' E.

20.00 Old road bears N & S.
29.50 Leave cedars N & S W. & enter sage brush.
30.80 Road bears N & S W.
40.00 set Sandstone 15 x 8 x 8 ins 10 ins in the ground for 1/4 sec. cor. marked 1/4 on N. side, dug pits 18 x 18 x 12 ins, E & W. of stone 5 1/2 ft. dist, & raised mound of earth 1 1/2 ft. high 3 1/2 ft.

R. 16 W. S. L. M.

chains 80.00 base alongside.
Set Sandstone 20x15x6 ins.
15 ins. in the ground
for cor. to secs. 2, 3, 34 & 35
Marked 2 notches on E. &
4 on W. Edges; dug pits
18x18x12 ins. in each sec.
5½ ft. dist, & raised a
mound of earth 2 ft.
high 4½ ft. base along
side.
Land level Valley.
Soil 1st rate.
Dense sage brush.
Cedar on E. 29.50 chs.

N. 89°59' W. on true line
bet. secs. 3 & 34

South boundary T. 36 S. R.

chains	Var. 15° 15' E.	chains
40.00	Set Lava Stone 12×12×4 ins. 8 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, "witnessed by the prescribed pits & mounds." Note: As all the 1/4 and sec. cors. on this line & the west boundary are witnessed by the prescribed pits & mounds, I deem it useless to be continuously repeating them, and will simply give the above remark at each cor, where pits & mounds are made.	
70.00	Mountain Meadow Wash drains N. Hoets house bears nearly S. about 1 mile.	40.00
80.00	Set Sandstone 15×12×10	

R. 16 W. S. L. M.

chains | ins. 10 ins. in the ground for cor. to Secs. 3, 4, 33 & 34, Marked 3 notches on E & W. Edges, Witnessed by the prescribed pits & mound.
Land level.
Soil 1st rate.
Dense Sage brush.
No timber.

N. 89°59' W. on true line bet. Secs. 4 & 33
Var. 15°15' E.

40.00 | Set Sandstone 14 x 10 x 6 ins, 10 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on N. Side, witnessed by

South Boundary T. 36 S.

Chains		R.
	the prescribed pits & mound.	40.0
78.50	Road bears N.W. & S.E.	
80.00	Set Sandstone 15 x 10 x 10 ins. 10 ins. in the ground for cor. to secs. 4, 5, 32 & 33, Marked 4 notches on E. & 2 on W. Edges, witnessed by the prescribed pits & mound.	80.0
	Land level.	
	soil 1st rate.	
	Dense sage brush.	
	No timber.	

N. 89°59' W. on true line bet. Secs. 5 & 32
Var. 15°15' E.

R. 16 W. S. L. M.

40.00 Set Sandstone 12×10×6 ins. & ins. in the ground for ¼ sec. cor. Marked ¼ on N. side, witnessed by the prescribed pits & mound.

80.00 Set Sandstone 12×12×8 ins. & ins. in the ground for cor. to Secs. 5. 6. 31 & 32, Marked 5 notches on E. & 1 on W. Edges, witnessed by the prescribed pits & mound.

Land Level—
Soil 1st rate.
Dense Sage Brush
No Timber.

32 South Boundary T. 36 S.

& chains N. 89° 59' W. on true line bet. Secs. 6 & 31 Var. 15° 15' E.

40.00 Deposited a small marked stone 12 ins in the ground, in a mound of earth 1½ ft. high & 2½ ft base, raised from two pits 18 x 18 x 12 ins, E & W. of cor. 5½ feet dist.

& 79.40 The cor. to T. 36 & 37 S. R. 16 & 17 W. described at the beginning of the random line.

Land level, soil 1st rate Dense sage brush, no timber

"

R. 16 W. S. L. M.

chains	
	West Boundary T. 36 S. R. 16 W. From the Sandstone 24 x 20 x 20 ins, with pits & mound, I run North bt. Secs. 31 & 36 Var. 15° 15' E.
40.00	Set Lava stone 15 x 8 x 8 ins; 10 ins, in the ground for 1/4 sec. cor. marked 1/4 on W. side, witnessed with the prescribed pits and mound – (See note on line between secs. 3 & 34 on South boundary of this Tp.)
80.00	Set Lava stone 14 x 6 x 6 ins, 10 ins. in the ground for cor. to secs. 25, 30, 31 & 36 marked 5 notches on N & 1 on S. Edges, witnessed with

334 310

West Boundary T. 36 S.

Chains the prescribed pits & mound.
Land level -
soil 1st rate.
Dense sage brush,
No timber.

North bet. Secs. 25 & 30
Var. 15° 15' E.

40.00 Set Granite stone 14 x 8 x 6 ins. 10 ins. in the ground Marked 1/4 on W. side for 1/4 sec. cor. witnessed with the prescribed pits & mound.

43.94 Road from Hamblin to Desert Springs, bears N W & S E.

80.00 Set Lava stone 14 x 10 x

chains	5 ins. 10 ins. in the ground for Cor. to Secs. 19. 24, 25 & 30 Marked 4 notches on N & 2 on S. Edges, witnessed with the prescribed pits & mound.
	Land Level.
	Soil 1st. rate.
	Dense Sage brush.
	No timber.
	—"—
	North bet. Secs. 19 & 24
	Var. 15°15' E.
26.40	Wash drains NE.
28.90	" " "
40.00	Set Lava Stone 14x6x6 ins. 10 ins. in the ground for 1/4 sec. Cor. Marked 1/4

West Boundary T. 36 S. R.

chains	
	on W. side, witnessed with the prescribed pits & mound,
80.00	Set Lava stone 15 x 10 x 6 ins. 10 ins, in the ground for cor. to secs. 13. 18, 19 & 24 Marked 3 notches on N & S Edges, and witnessed with the prescribed pits & mound.
	Land Level,
	soil 1st rate.
	No timber.
	Dense Sage brush.
	—— " ——
	North bet. secs. 13 & 18.
	Var. 15°15' E.
40.00	Set Lava stone 15 x 10 x 5 ins. 10 ins in the ground for 1/4 sec. cor. Marked

BOOK-A-176 913

16 W. S. L. M.

Chains | 1/4 on W. side, and witnessed with the presented pits & mound.

8.00 | Set Lava stone 15 x 6 x 6 ins. 10 ins. in the ground. for cor. to secs. 7, 12, 13 & 18 Marked 2 notches on N & 4 on S. Edges and witnessed with the presented pits & mound of earth.

Land level.
Soil 1st. sale.
Dense Sage brush.
No timber.

North bet. secs. 7 & 12
Var. 15° 15' E.

4.00 | Deposited a marked stone

West Boundary T. 36 S.R.

chains	12 ins. in the ground for 1/4 sec. cor. dug pits 18x18x12 ins. N. & S. of stone, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base, over it. In the ~~East~~ N pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. side.
80.00	set Lava stone 16x6x6 ins. 11 ins. in the ground for cor. to secs. 1, 6, 7 & 12, marked 1 notch on N. & 5 on S. Edges witnessed with the prescribed pits & mound. Land level Valley. Soil Generally 1st rate. Dense Sage brush No timber.

16 W. S. L. M.

Chains	North bet. Secs. 1 & 6
	Var. 15°15' E.
40.00	~~Set~~ Deposited Marked stone 12 ins. in the ground, for 1/4 sec. cor. dug the prescribed pits & raised a mound of earth over it; In the N. Pit drove a stake 2 ft. long, 2 ins. square, 12 ins in the ground marked 1/4 S. on W. side.
158.82	Intersect the 7th standard Parallel South 24.12 chs. W. of the standard cor. to T. 35 S. R. 16 & 17 W. which is a Granite stone 17 x 12 x 8 ins. with Pits & Mound. at which point of intersection I set a Lava stone

340

376

& 15 x 8 x 6 ins. 10 ins in the ground, for standard closing cor. to Tps. 36 S.R. 16 & 17 W, marked 6 notches on E. S. & W. edges, with C.C. dug. pits 24 x 18 x 12 ins, cross fisk on each line 6 ft. dist, & raised mound of earth 2½ ft. high 5 ft. base alongside,
Land level,
Soil 1st rate,
Dense Sage brush,
No timber
Sept 1st 1881.

BOOK-A-176

General Description

This township lies Wholly in Escalante Valley, generally called "Desert", but as the land is mostly of 1st rate quality, it cannot properly be called a "Desert", except on account of the absence of any living streams, but plenty of water can be obtained at a reasonable depth— It is easily subdivided— It contains no settlements at present.

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

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th. 1881

The foregoing field notes of the survey of the

South and West Boundaries

Township No 36 S. *Range No* 16 W.,

of the Salt Lake Meridian, Utah Territory,

Executed by J. C. Bailey

Under his *contract No* 10th

of the 24 *day of* May *1881,*

in the month of Sept. *1881*

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

Fred. Salsbury

U. S. Surveyor General for Utah.

BOOK-A-176
R: 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & G. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

West Boundary

of Township No. 36 S. , Range No. 17 W.

of the Salt Lake Meridian in Utah Territory.

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 29th 1881.

Survey commenced Sept. 5th 1881.

Survey completed " " 1881

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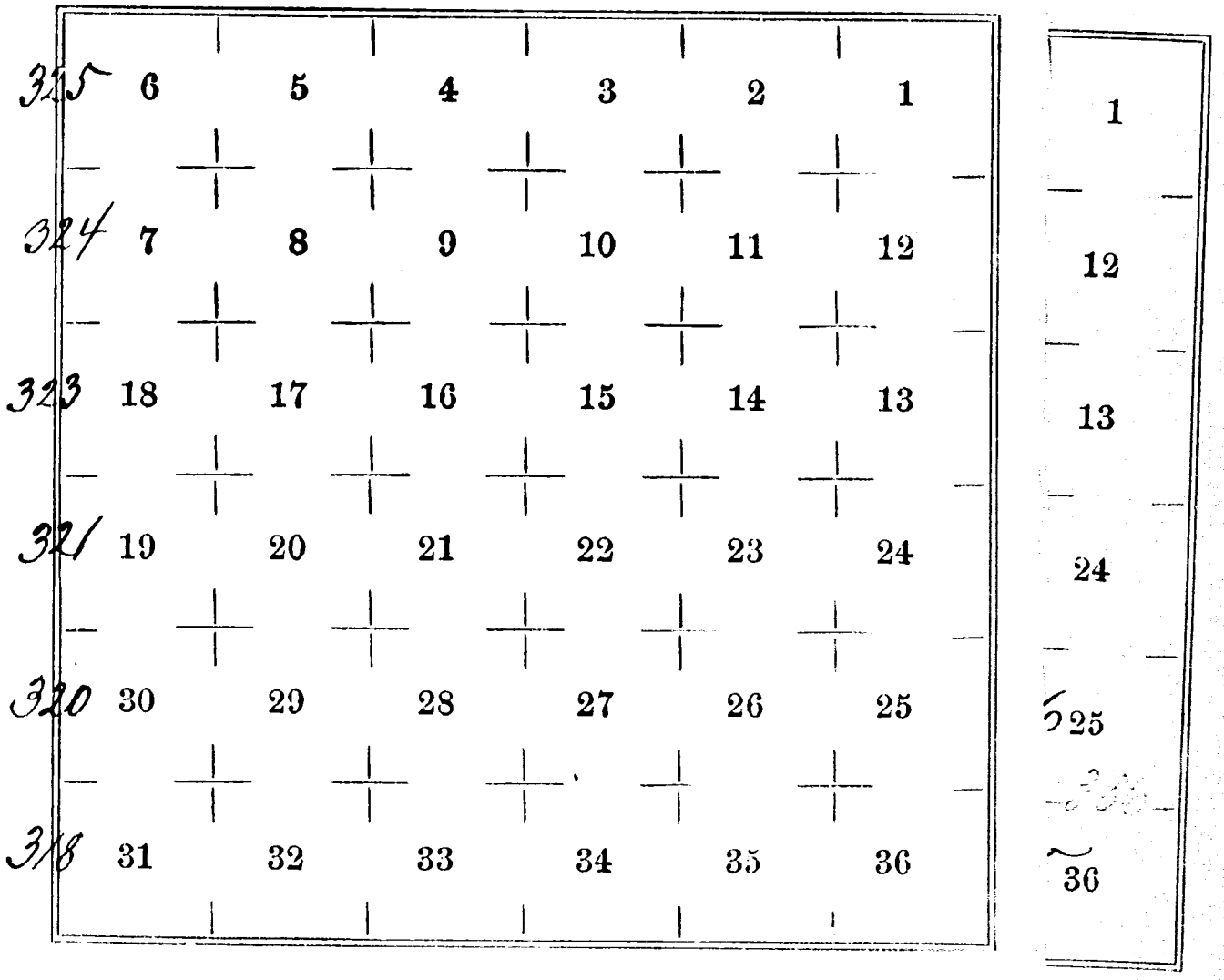
Township 36 S. **R.** 17 W.



West Boundary T. 36 S. R. 17 W.

Survey commenced Sept. 5th 1881, with a Burts improved Solar compass which I tested on the meridian obtained from an observation on the star Polaris, and found correct.

From the cor. to Tps. 36 & 37 S. R. 17 & 18 W., which is a Flint stone 25 x 12 x 12 ins, with stone mound, bears North dist. Secs. 31 & 36, Var. 15° 15' E.

Ascend

13.50 Ridge bears E & W.— a granite Boulder 20 x 10 x 10 ft, 2 ft, E. of line. Descend

30.00 Foot of hills.

36.70 Road to Desert Springs, NE

345 319

West Boundary T. 36 S.R.

40.00 Set Granite 12×12×10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side, & raised a mound of stones alongside.

51.00 Ridge bears SW & NE

57.00 Wash drains SW.

80.00 Ridge bears SW & NE, ~~set~~ A Flat Stationary Boulder 10×3×1/2 ft. above ground for cor. to secs. 25.30.31 & 36, Marked 5 notches on N & 1 on S. Edges, with a cross (×) at corner point, & raised a mound of stones alongside.

Land Mountainous

Soil 2d rate.

Timber cedar.

17 [illegible]

Chain

0.80

7.60

10.8

19.0

20.0

22.5

30.0

33.0

40.0

57.

17 W. S. L. M.

Chains North bet. Secs. 25 & 30

Var. 15° 15' E.

0.80 Gulch drains SW.

7.60 Mark a cross (X) on a Granite Boulder on line on top of Ridge bears SW.

10.80 Wash drains SW.

19.00 Ridge bears E. & W.

20.00 Enter Cedars.

22.50 Wash drains NE.

30.00 Ridge bears NE & SW.

35.00 Leave heavy timber, and descend W. slope

40.00 set Granite stone 15 x 10 x 5 ins, 10 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on W. side, and raised a Mound of Stones along side.

57.50 Wash drains NE.

West Boundary T. 36 S. R.

75.00 Ridge bears N & SW.
77.00 Head of hollow drains NW.
80.00 Set a Cobble stone 16 x 14 x 10 ins. 11 ins. in the ground for cor. to secs. 19, 24, 25 & 30, marked 4 notches on N. & 2 on S. edges, & raised mound of stones alongside.
Land mountainous, soil 2d rate.
Timber cedar.

North bet. Secs. 19 & 24
Var. 15° 15' E.

7.00 Enter cedar Grove.
40.00 Set Granite stone 12 x 10 x 10 ins. 8 ins. in the ground

17 W. S. L. M

chains	
	for 1/4 sec. cor. marked 1/4 on W. side & from which
	A cedar 18 ins. dia. bears S 6° W. 132 lks.
	" " 10 " " " N 36° E. 28 "
	Both trees marked 1/4 S.B.T.
60.50	Leave timber.
61.70	Wash drains NE.
72.50	Ridge bears NE & SW.
80.00	set Trachyte 18 x 15 x 12 ins, 12 ins, in the ground for cor. to secs. 13, 18, 19 & 24 marked 3 notches on N & S edges, and raised a mound of stone alongside; Land Mountainous.
	Soil 2d rate.
	Cedar timber.

349 323

West Boundary T. 36 S. R.

Chains	North bet. Secs. 13 & 18 Var. 15° 15' E.	Chain
13.00	Wash drains NE.	
40.00	Set trachyte stone 25×13×10 ins. 18 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, and raised mound of stone along side.	4.70 15.0
80.00	Set Granite stone 16×10×6 ins. 11 ins. in the ground for cor. to secs. 7, 12, 13 & 18, Marked 2 notches on N. & 4 on S. Edges, dug pits 18×18×12 ins, A & S in each sec, 5½ ft. dist, & raised a mound of earth 2 ft. high, 4½ ft. base along side.	40.0 80.0

Land Mountainous.

1/4 N. S. L. M.

Chains Soil 2d rate.
No timber

"

North bet. secs. 1/4 & 1/2
Var. 15° 15' E.

4.75 Hollow drains N.
15.00 Ridge bears N & S.
40.00 Set Granite Stone 14 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor, Marked 1/4 on W. side & raised Mound of Stone alongside.
80.00 Set Granite Stone 12 x 12 x 4 ins. 11 ins in the ground for cor. to secs. 1. 6. 1/4 & 1/2 Marked 1 notch on N & S on S. edges, & raised

351 325 West Boundary T. 36 S. R. 17 W

chains. a Mound of stones along side,
Land Rolling bench,
soil 2d rate.
Dense sage brush.

—— " ——

North bet. Secs. 1 & 6
Var. 15° 15' E.

20.70 Hollow drains W.
40.00 set Stall stone 15 x 10 x 8 ins, 10 ins in the ground for 1/4 sec. cor. Marked 1/4 on W. side, & raised Mound of stones along side,
91.50 Top of low mountain E & W.
108.50 Hollow drains W.
161.67 Intersect 7th standard

12 W. S. L. M.

Parallel South, 31.50 chs.
N. of the standard cor.
to Sec. 35 S. R. 17 & 18 W.,
which is a volcanic
stone, 16×9×8 ins mound of
stone.
And at the point of
intersection I set a
Slate Rock 14×10×6 ins,
10 ins. in the ground,
for standard closing
cor. to Sec. 36 S. R. 17 & 18 W.,
Marked C. C, with 6
notches on E. & W. edges,
dug pits 24×18×12 ins,
Crosswise on Each line
E. W. & S. of stone 6 ft,
dist, & Covered mound
of earth 2½ ft. high
5 ft. base alongside.

353 327

Land Mountainous
Soil 2d rate.
No timber

—— " ——

General Description.

The lands in this Tp. consists mostly of rolling hills, in the SW.; the SE. part lies in the Escalante Valley. It contains no settlements at present. It can be subdivided.

P. C. Bailey
U. S. Dep. Surv.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 19th 1881

The foregoing field notes of the survey of the

West Boundary

Township No 36 S. Range No 17 W.

of the Salt Lake Meridian, Utah Territory,

Executed by J. C. Bailey

Under his contract No 102

of the 2nd day of May 1881,

in the month of Sept. 1881,

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

Fred. Salladay

U. S. Surveyor General for Utah.

BOOK-A-176

R: 1882

Filed 187 .

Examined by R. Gorlinski

Compared by R. Gorlinski & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

West Boundary

of Township No. 36 S. , Range No. 18 W

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

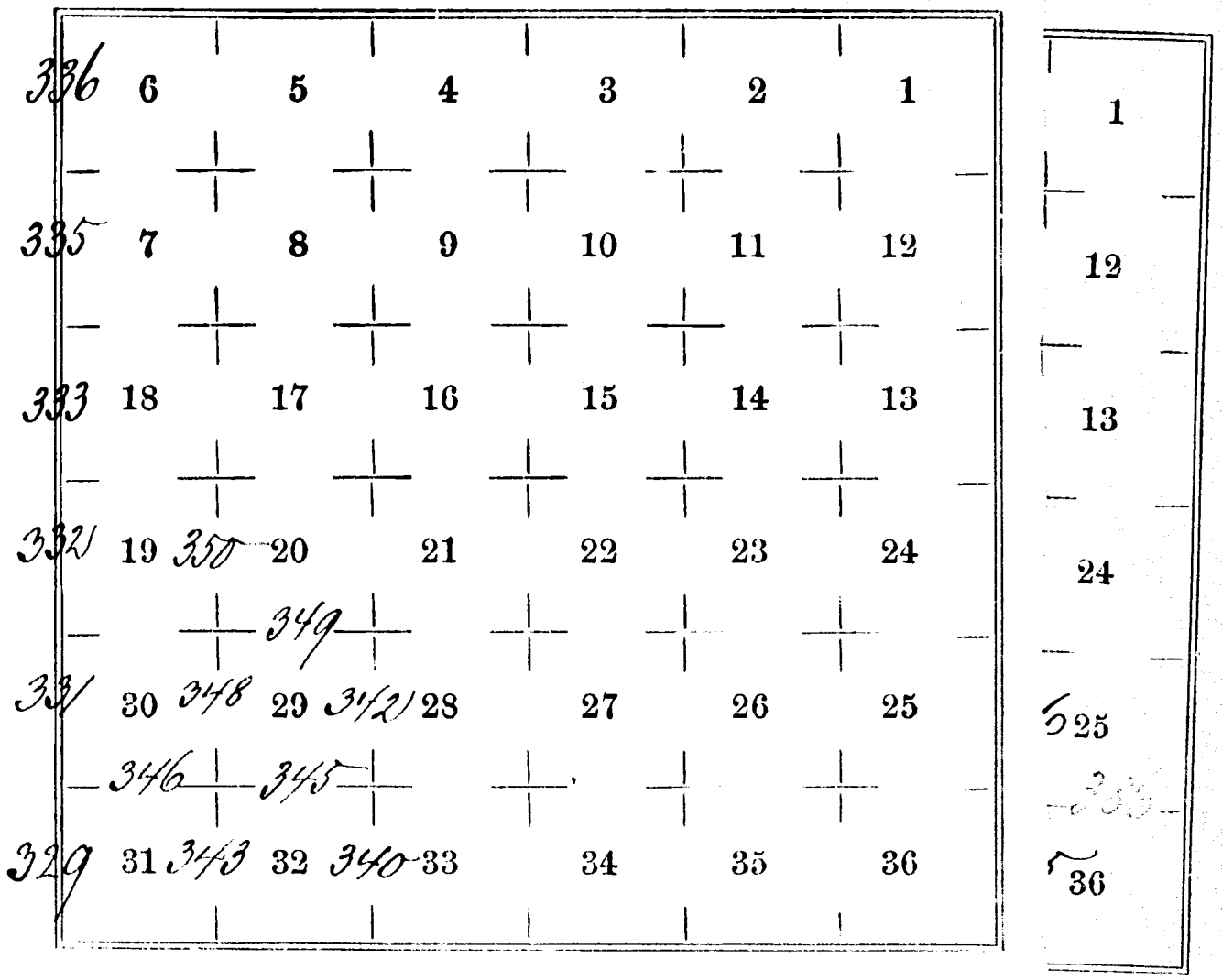
dated May 27th. 1881

Survey commenced Sept. 6th. 1881

Survey completed " " 1881

BOOK-A-176

Township 36. S. **R.** 18. W.



West Boundary T. 36 S. R. 18 W.

chains Commenced Sept. 6th 1881, with a Burte improved solar compass which I tested on the meridian obtained from an observation, and found correct.

Begin at the cor. to Tps. 36 & 37 S. R. 18 & 19 W. which is a Pudding stone 24 × 12 × 4 ins. with mound of stones, from which A Double Cedar 4 ins dia. bears S. 30° E 96 lks. dist. and run North bet Secs. 31 & 36

Var. 15° 10' E.

In Scattering cedars,

25.00 Hollow drains N E.

37.00 " " "

38.50 Ascend,

West Boundary T. 36 S.

40.00 on S. side of rocky Knoll, Set a Trachyte stone 16×10 ×6 ins, 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, and raised mound of stone along side.

42.00 Top of Knoll; descend

53.70 Hollow drains S.E. a spring in same hollow bears S.50°E, about 8 chs.

70.50 Shoal Creek Cañon drains S.E.

Telegraph line NW & SE

71.75 Road bears NW & SE.

80.00 ~~File~~ Set Lavaa stone 30×16×10 ins. 20 ins. in the ground for cor. to secs. 25. 30. 31 & 36. Marked 5 notches on N & 1 on S. Edges, & raised a mound of stone along side.

R. 18 W. S. L. M.

Land mountainous
Soil 2d rate.
A few cedars.

—— " ——

North bet. Secs. 25 & 30
Var. 15° 10' E.

29.70 Rocky hollow drains S E.

40.00 set Lava Stone 12 x 10 x 8 ins, 8 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on W. side, & raised mound of stone alongside, from which A cedar 4 ins. dia. brs. N 45° E. 20 lks, Marked 1/4 S. B. T.

80.00 set a Flint stone 18 x 10 x 4 ins. 12 ins. in the ground for cor. to secs. 19. 24. 25 & 30 Marked 4 notches on N. & 2

West Boundary T. 36 S. R. 18 W.

4 chains on S. Edges and raised mound of stone alongside, from which
A cedar 6 ins. dia. brs. N. 60 W. 20 lks,
Marked T. 36 S. R. 18 W. S. 24. B. T.
Land mountainous,
Soil 2d rate.
A few cedars.

4
5

— " —

North bet. secs. 19 & 24
Var. 15° 10 E.

13.75 Hollow drains S.E.
40.00 Set Trachyte stone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. (Marked 1/4 Sou W Side traised mound of stone alongside)
52.00 Hollow drains S.E.
80.00 Set a Flint stone 18 x 10 x 4 ins. 12 ins. in the ground for

18W. S. L. M.

Chains cor. to secs. 13, 18, 19 & 24,
marked 3 notches on N & S. Edges, and raised a
mound of stone along side,
from which
A cedar 6 ins. dia. brs. N 15° E, 35 lks,
marked T. 36 S. R 18 W. S 18. B. T.
Land mountainous,
soil 2d rate,
A few cedars & pine.

"

North bet. secs. 18 & 19
Var. 15° 10' E.
18.00 Stone drains S W.
40.00 Set Granite stone 14 x 8 x 8 ins,
10 ins, in the mound, for
¼ sec. cor, marked ¼
on W. side, and raised

West Boundary T. 36 S. R. 18 W.

chains a mound of stone along side, from which
A Cedar 10 ins. dia. brs. S 10° E. 12 links
" " 10 " " " N 5° W. 12 "
Both trees marked 1/4 S. B. T.
54.00 Hollow drains S.W.
80.00 Head of do " " set a Granite stone 18 x 12 x 10 ins. 12 ins. in the ground for cor. to secs. 7, 12, 13 & 18, marked 2 notches on N. & 4 on S. Edges. & raised mound of stone alongside.
Land Mountainous.
Soil 2d rate.
Cedar & pine.

S. L. M.

chains	North bet. secs. 7 & 12
	Var. 15° 10' E.
20.50	On Summit E & W. Alcove
37.00	Hollow drains NE.
40.00	set Flintstone 18×10×10 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. side, from which
	A pine 12 ins. dia. brs. S. 35° E. 20 lks.
	" " 10 " " " S 30° W. 30 "
	Both trees marked 1/4 S. B. T.
45.75	Hollow drains NE.
62.00	" " "
80.00	At head of hollow drains NW, set a Granite stone 18×10×8 ins. 12 ins. in the ground, for cor. to secs. 1. 6. 7 & 12, marked 1 notch on N. & 5 on S. Edges & raised mound of stone alongside,

West Boundary T. 36 S.

chains Land mountainous
Soil 2d rate.
Cedar & Prim Pine

"

North bet Secs. 1 & 6
Var. 15° 10' E,

40.00 set Trachyte stone 20x16x
8 ins. 15 ins. in the ground
for 1/4 sec. cor. marked 1/4 on
W. side from which
A Prim 6 in dia brs. S 70 W. 65 lks.
" " 7 ins. dia. " N 83 E. 30 "
Both trees marked 1/4 S. B. T.
55.75 Shallow drains SW.
81.00 Foot of Main Range E & W.
Enter lower hills.
163.00 Intersect 7th standard Par-
allel South, 29.65 chs. N of

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

the standard cor. to T. 35 S. R. 18 W. which is a volcanic stone 20 x 9 x 8 ins, with mound of stone, set volcanic stone 18 x 10 x 8 ins, 12 ins in the ground for standard closing cor. to T. 36 S. R. 18 W. marked C.C. with 6 notches on E. & W. Edges, and raised mound of stones along side.

Land Mountainous soil 2d rate.

Timber cedar & Pinon pine.

Sept. 6th 87.

366

838

General Description.

The lands in this T.S, lie mostly in the mountains covered with Cedar & Pinon pine, except in the south west corner where there are settlements in Shoal creek Canon which portion should be subdivided.

P. C. Bailey
U. S. Depty Surv.

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 14th. 1887

The foregoing field notes of the survey of the

West Boundary

Township No 36 S. *Range No* 18 W

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his *contract No* 102

of the 27 *day of* May 1887,

in the month of September 1887,

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

Fred. Salomon.

U. S. Surveyor General for Utah.

BOOK-A-176 368
R: 1882.

Filed 187 .

Examined by John D. Campe

Compared by J. Linton & E. Michaelis

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions of Fractional

of Township No. 36 S., Range No. 18 W.

of the Salt Lake Meridian in Utah Territory.

BY

J. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

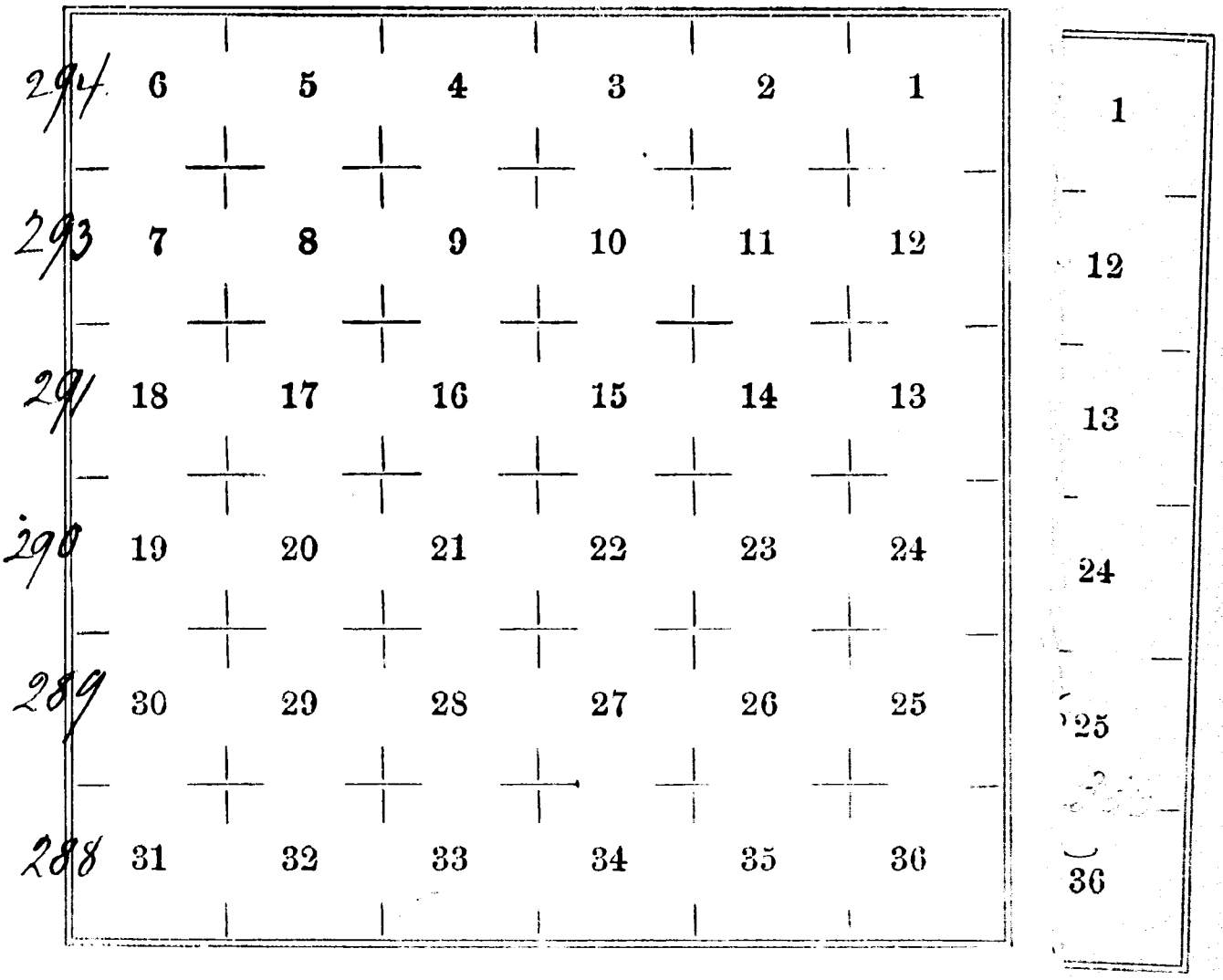
dated May 24th 1881.

Survey commenced Sept. 20 1881

Survey completed " " 1881.

BOOK-A-176

Township 36 S. **R.** 15 W.



Note:

Having run the exterior boundaries of this Ps, under my regular contract No 102, I deem it useless to put the United States to the expense of retracing them at this time.

Subdivisions T36S.R.18W. S.L.M.

Survey commenced Sept. 20th 1881, with a Burt's improved Solar compass, which I tested on a meridian obtained from an observation on the star Polaris, and found correct.

The major portion of this Tp. lies in the broken mountains, I therefore commenced at the cor. to secs. 32 & 33 on the South boundary of the Township which is a Porphyry stone 18x10x6 ins. with stone mounds from

North bet. secs. 32 & 33,

Subdivisions of Fractional

Var. 15° 30' E.

chains	
12.50	Wash drains S E. ascend
32.50	Top of Ridge bears N. & S.
40.00	Set Trachyte 20×15×12 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side & raised mound of stone alongside.
45.00	Hollow drains S E.
51.00	Ridge bears S E & N W.
57.00	Hollow drains E.
63.00	Ridge bears E & W.
68.00	Head of hollow drains S E. ascend
80.00	Set Trachyte stone 26×14×12 ins. 19 ins. in the ground for cor. to secs. 28, 29, 32 & 33, marked 4 notches on E. & 1 on S. Edges, & raised a mound of stone alongside.

T. 36

chains

22.00
30.00
40.00

47.00
53.00
80.00

BOOK-A-176 342 373

T. 36 S. R. 18 W. S. L. M.

Chains Land Mountainous
Soil 2d rate.
No timber

— " —

North bet. Secs. 28 & 29
Var. 15°30' E.

22.00 Ridge bears S.E. & N.W.
30.00 Hollow drains S.E.
40.00 set Trachyte 20 x 12 x 10 ins, 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. side, & raised mound of Stone alongside.
47.00 Ridge bears S.E. & N.W.
53.00 Head of hollow drains S.E.
80.00 set Trachyte stone 26 x 14 x 10 ins, 19 ins, in the ground for cor. to secs. 20. 21, 28 & 29. marked 4

Subdivision T36S. R18

chains Notches on E & 2 on S. Edges & raised mound of stone alongside.

Land Mountainous.

Soil 2d rate.

No timber.

Note: The lines, N. & E. are impracticable.

—— " ——

From the cor. to secs. 31 & 32 on the South Boundary of the Tp. which is a Granite 18 x 8 x 6 ins. with STONE & mound, I run

North bet. Secs. 31 & 32

Var. 15° 30' E. in field.

3.75 Telegraph line NW & SE.

7.50 Dry Bed of Creek drains E.

BOO

W. S.

11.70

20.00

33.50

35.00

40.00

50.00

60.50

75.00

80.00

W. S. L. M.

11.70 Fence bears E & W, leave field and apsque.
20.00 Leave T. S. Terry's claim.
33.50 Hollow drains E. into main hollow drains SE.
35.00 Ridge bears E.
40.00 Head of hollow drains E., set Sandstone 20×18×10 ins, 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, & raised a mound of stone alongside.
50.00 Ridge bears SE. & NW.
60.50 Head of hollow drains SW.
75.00 Ridge bears SW & NE.
80.00 set Sandstone 26×20×10 ins. 19 ins. in the ground for cor. to secs. 29, 30, 31 & 32, Marked 5 notches on E & 1 on S. Edges, & raised a mound of stone alongside.

Subdivisions T. 36 S R. 18 W.

Chains Land Mountainous on 68.30 chs, Soil 2d rate, Bal. levelfield, Soil 1st rate, No timber.

"

East on random line bet. Secs. 29 & 32 Var. 15°30' E.

15.00 Ridge bears S E & N W.
23.00 Hollow drains S E.
40.00 set temp. 1/4 sec. cor.
53.00 Ridge bears S E & N W.
60.00 Head of hollow drains S E.
80.00 Intersect N. & S. line at the cor. to secs. 28. 29. 32 & 33 from which

West on true line bet. secs. 29 & 32

40.00

80.00

12.00
22.00
30.00
40.00

18 R. S. L. M.

40.00 set Trachyte stone 20 x 12 x 10 ins. 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side & raised a mound of stone alongside.

80.00 The cor. to secs. 29, 30, 31 & 32, Land mountainous Soil 2d rate, No Timber.

"

Inst on random line bet. Secs. 30 & 31 Var. 15° 30' E,

12.00 Wash drains & C.

22.00 Ridge bears & C & W.

3.00 Head of hollow drains & C.

40.00 set temp. 1/4 sec. cor.

Subdivisions T. 36 S., R. 18 W.

42.50	Hollow drains SE.	Chains
50.00	Ridge bears SE & NW.	
63.00	Head of hollow drains NW.	18.00
80.10	Intersect west boundary of the Sp. at the cor. to secs. 30 & 31, which is a Lava stone 30 x 16 x 10 ins. mk. mound of stone, from which a rock East on the line bet. secs. 30 & 31	28.00 40.00 80.00
40.10	Set Trachyte stone 36 x 24 x 15 ins., 24 ins. in the ground, for 1/4 sec. cor. Marked 1/4 on N. side, for raised mound of stone alongside.	
80.00	The cor. to secs. 29, 30, 31 & 32 Land Mountains, Soil 2nd rate, No timber.	

18 N. S. L. M.

Chains North bet. Secs. 29 & 30
Var. 15° 30' E.
18.00 Ridge S E & N W.
28.00 Ranie drains S E.
40.00 set Granite 14 x 10 x 8 ins
10 ins. in the ground for
1/4 sec. cor. marked 1/4
on N. side, & raised a
mound of stone along
side; Enter cedars.
80.00 set Granite, 15 x 10 x 9
ins. 10 ins. in the ground
for cor. to secs. 19. 20. 29 & 30
Marked 3 notches on E. &
2 on S. Edge & raised a
mound of stone along
side.
Land Mountainous
Soil 2d rate.
Cedars on N. 1/2.

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Subdivisions T. 36 S.R.

chains East on random line
bet. secs. 20 & 29
Var. 15°30' E.

28.00 Ridge brs. N&S.

40.00 set temp. 1/4 sec. cor.
Descend

79.90 Intersect N.&S. line 14 lks.
S. of cor. to secs. 20. 21. 28
& 29; from which
S. 89°54' W. on true line
bet. secs. 20 & 29

39.95 Set Granite 12 x 12 x 10 ins.
8 ins. in the ground
for 1/4 sec. cor. Marked
1/4 on N. side, & raised
mound of stone along
side.

79.90 The cor. to secs. 19. 20. 29 & 30.
Land Mountainous
Soil 2d rate.

BOOK-
18 V.

40.00
50.00
79.96

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18 W. S. L. M.

Scattering cedars.

West on random line
bet. secs. 19 & 20
Var. 15°30' E.

Descend

40.00 set temp. 1/4 sec. cor.

50.00 Raine S E.

79.96 Intersect W. boundary of Tp. 7 lks. S. of the cor. to secs. 19 & 30, which is a Flint stone 18 x 10 x 4 ins. with stone mound from which

A cedar 6 ins. dia brs. N 60° W 20 lks. properly marked from which cor. I run S. 89°57' E. on true line bet. secs. 19 & 30

351

39.96 Set Granite, 14×12×8 ins
10 ins. in the ground
for 1/4 sec. cor. Marked
1/4 on N. side Iron
mound of stone along
side.

79.96 The cor. to secs. 19, 20, 29 & 30.
Land mountainous.
Soil 2d rate.
Scattering cedars.
Sept. 20th 1881.

"

The balance of the Ts
lies in the mountains.

"

BOOK-A-176

General Description

"

The surveyed portion of this Tp. contains some good land in sections 31 & 32, claimed by Thomas S. Terry & others; The unsurveyed portion lies in the mountains.

P. C. Bailey
U. S. Dep. Surveyor

BOOK-A-176

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, MARCH 13th 1882

The foregoing field notes of the survey of the Subdivisions of fractional Township No 36 S, Range No 18 W, of the Salt Lake Meridian, Utah Territory, Executed by F. C. Bailey Under his contract No 162 of the 27 day of May 188/, in the month of Sept. 188/, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Fred. Salmon

U. S. Surveyor General for Utah.

BOOK-A-176

R: 1882

385

Filed 187 .

Examined by John H. Campe

Compared by R Gorlinski & E Michaelis

FIELD NOTES

OF

THE SURVEY and Re-survey OF ~~THE~~

~~of~~ Part of the West & Survey of 5 miles of the South Boundaries

of Township No. 37 S. , Range No. 10 W

of the Salt Lake Meridian in Utah Territory.

BY

T. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 2d 1881

Survey commenced Oct 2d 1881

Survey completed " " 1881

NAMES AND DUTIES OF ASSISTANTS:

Frank Gerlinski	Compassman.
Samuel J. Pollock	Chainman.
George A. Williams	Chainman.
John A. Brown	Chainman.
James M. Wilson	Chainman.
Henry C. Wood	Axeman.
Samuel Pollock	Flagman and Axeman.

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3582

[2.—PRELIMINARY OATH OF CHAINMEN.]

We, Samuel J. Pollock, Geo. A. Williams and John H. Brown & James M. Wilson, do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Exterior and Subdivisional lines of Township No. 37 S., R. 11 E.

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

Samuel J. Pollock, Chainman.

George A. Williams, Chainman.

John H. Brown, Chainman.

James M. Wilson, Chainman.

Subscribed and sworn to before me this 9th day of Oct. 188/

Thomas C. Bailey
U.S. Dep. Surveyor.

Report. 388 854

As great delay and inconvenience would result in taking my assistants before an officer authorized to administer oaths, I therefore have sworn them myself. It would have caused me a delay of two days at least, after getting the men together on top of the Sierra Nevadas, to have taken them before an officer and if said officer happened to be absent, as frequently is the case, I would be compelled to await his return, and thus cause a further unnecessary delay and expense. The stormy season is close at hand, and the least delay is dangerous in making surveys in the mountains at this season of the year.

J. C. Bailey
U. S. Dep. Surv.

3 5 6

[1.—PRELIMINARY OATH OF COMPASSMAN.] 389

I, Frank Gorlinski do solemly swear that I will well and truly perform the duties of compassman, according to instructions given me, and to the best of my skill and ability, in the survey of the Exterior & subdivisional lines of Township No. 37 S. R 11 W.

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

Frank Gorlinski
Compassman.

Subscribed and sworn to before me this 2 day of Oct 1881,

Thomas C. Bailey
U.S. Dep. Surv.

[3.—PRELIMINARY OATH OF AXEMEN.]

We, Henry E. Wood and Samuel Pollock do solemly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of Townships 37 & 38 S. R. 11 W.

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

Henry E. Wood, Axeman.
Samuel Pollock, Axeman.

Subscribed and sworn to before me this 2 day of Oct 1881.

Thomas C. Bayles
U. S. Deputy Surv.

BOOK-A-176 357

Re-Survey and Survey of
Portion of West & South Bound-
aries of T. 37 S. R 11 W. 391

Commenced Oct 2d 1881,
with a Burt's improved
Solar Compass, which I
tested on a Meridian
obtained by an obser-
vation on the star Pol-
aris, and found correct.

Begin at the 1/4 sec.
cor. bet. Secs. 13 & 18, T. 37
S., R. 11 & 12 W., which is a
granite stone 18 x 10 x 8 ins,
marked 1/4 on it. side, &
run South on re-survey
line bet. Secs. 13 & 18
Var. 15° 58' E.

30.00 Descend gently
40.00 Find old stone from

358

Re-survey

West Boundary T. 37 S, R. 11

over; I re-set same viz.
A Sandstone 20×8×8 ins.
15 ins. in the ground
for re-established cor. to
secs. 13, 18, 19 & 24, marked
3 notches on N. & S edges.
dug pits 18×18×12 ins. in
each sec. 5½ ft. dist. &
raised mound of earth
2 ft. high 4½ ft. base
alongside.
Land rolling mountains
soil 2d rate.
No timber.

Re-Survey

South bet. secs. 19 & 24
Var. 16° E.

17.00 Cedar 12 ins. dia. on line.

W. S. L.

17.75 De
33.50 R
40.00 on
dr
st
li
r
v
8
f
s
45.00
47.90
49.25
50.00
58.50

W. S. L. M.

17.75 Descend.

33.50 Ravine drains SW.

40.00 on N. side of Main Cañon drains W; Find old stone 25 links west of line thrown over - I re-set same on line viz: A Sandstone 22.x12x 8 ins. 16 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on W. side & raised mound of stones alongside.

45.00 Road bears W, about 3 chains East of fork of roads.

47.90 Road bears NW.

49.25 Main Ravine in Cañon drains W. ascend

50.00 End of old survey

58.50 Rocky Ridge bears SW & E

New Survey

West Boundary T. 37 S. R. 11

63.00	Gulch drains SW.	
69.93	Ridge bears SW. & NE.	
70.00	Gulch drains SW.	1.00
79.00	Top of Sandstone ledge.	1.50
80.00	Stationary Sandstone 5 x 4 x 4 ft. above ground, & for cor. to secs. 19, 24, 25 & 30, Marked 4 notches on N. & 2 on S. Edges, & raised mound of stone along side. From which A pine 14 ins. dia. bears N 74¼° W. 40 lks. Marked T 37 S. R 12 W. S. 24. B. T. Land very mountainous & rocky. Soil 3d rate. A few pine & cedar on S. half.	7.40 40.00 45.80 47.80 58.45 65.00

M. S. L. M.

Chains	
	South bet. secs. 23 & 30
	Var. 16° E.
1.00	Ranie draws W.
1.50	Main do " NW. junction w/5 lks. mst of line,
7.40	Top of Sandstone ledge W.
40.00	set Sandstone 30×24×12 ins. 20 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side & mound of stone along side, on side of hill near head of Rollow draws NW.
45.80	Ridge bears NW. & SE.
47.80	Road to coal mines bears E. & W.
58.45	Piñon pine 14 ins. dia. on line.
65.00	At this point the line, in place, becomes impracticable,

West Boundary T. 37 S, R 11 W.

I set Standstone 36x30x6 ins. 24 ins. in the ground for Witness cor. to secs. 25, 30. 31 & 36, Marked W. C, with 5 notches on N. & 1 on S. edges, & raised Mound of stone along side, from which

A pine 16 ins. dia. brs. S 13° W. 50 lks, Marked W. C. T. 37 S. R. 12 W. S. 36, B. T.

A pine 12 ins. dia. brs. N 10° E. 70 lks, Marked W. C. T. 37 S. R 11 W. S. 30 B. T.

80.00 The corner falling in Kanarra Creek brakes is not set.

Land Mountainous soil 3d rate, Some cedar & pine.

30.00

11 W. S. L. M.

South bet. secs. 31 & 36

Var. 16°E.

From the witness cor. set at 65.00 chains on last mile, top of red sandstone peak bears S 45°E, about 10 chs, & I run East on offset line 40 chs; thence South 45 chs, thence West 40 chs, to true line on South side of Kanarra Cañon in the bottom of which Kanarra creek runs W, about 15 lks wide, shut in with perpendicular red sandstone walls about 200 feet high, thence from

30.00 The point reached on line

West Boundary T. 37 S. R. 11

chains I run south on true line,

40.00 set Sandstone 16 x 12 x 12 ins 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side & raised a mound of stones along side. Ascend.

80.00 set Sandstone 30 x 2-4 x 6 ins. 20 ins, in the ground for cor. to T. 37 & 38 S. R. 11 & 12 W. Marked 6 notches on N. S. E & W. edges & raised mound of stone alongside. Land Mountainous.

Soil rocky 3d rate.

No timber.

"

W. S

chains

3.

40.

W. S. L. M.

Chains Knowing that the South boundary will become impracticable in less than six miles, I therefore run it a true line East.

From the cor. to T. 37 & 38 S. R. 11 & 12 W. above described I run East on a true line bet. secs. 6 & 31 Var. 16° E.

3.70 Ridge bears N & S.

40.00 On top of hill bears N. & S. set Sandstone 20 x 15 x 15 ins 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side & raised a

South Boundary T. 37 S. R. 1

chains Mound of stone alongside. 40.00
Descend
76.50 Gulch drains N.
80.00 set Sandstone 30×20×4 ins, 20 ins. in the ground for cor. to Secs. 5. 6. 31 & 32, Marked 5 notches on E. & 1 on W. Edges, and raised mound of stone alongside. 59.50
A Cedar 24' dia. bs. N. 11° E. 150 lks. dist, marked T. 37 S. R. 11 W. S. 32 B. T.
Land Mountainous. 80.00
Soil 2d rate.
No timber.

East on true line
bet. Secs. 5 & 32
Var. 16° E.
30.35 Kuarra Creek 10 lks wide in Bottom of Cañon runs NW.

R. 11 W. S. L. M.

40.00 Leave Kawara Cañon
Set Sandstone 24 x 16 x 8 ins,
18 ins. in the ground for
1/4 sec. cor. Marked 1/4 on
N. side & raised a
mound of stone alng
side,

59.50 Spring branch 1 link S. side
road SW.

80.00 Set Sandstone 22 x 10 x 10 ins,
16 ins. in the ground for
cor. to secs. 4, 5, 32 & 33
Marked 4 notches on E,
& W. edges, & raised
mound of stones alongside
from which
A pine 14 ins. dia. brs. N 1° W. 8 links.
Marked B 7 S, R. 11 W, S. 32 B. T.
Old Co-op Dairy bears
S. 41° W. about 20 chs. dist.

South Boundary T. 37 S.

Joe's Coal hole bears N 10 E. about 49 chs.
Kawarra Coal hole bears N 13° 30' E. about 46 chs.
Land Mountainous
Soil 2d rate.
No timber.

East bet. secs. 4 & 33
Var. 16° E.

12.00 Spring Branch 2 lks. wide runs S.W.
18.00 Spring Branch 2 lks. wide runs S.W.
20.00 Spring on line, drains S.W.
37.50 Hollow drains S.W.
40.00 Ridge bears S.W. & N.
Set Sandstone 24 x 24 x 3 ins, 18 ins. in the

R 11 W. S. L. M.

ground, for 1/4 sec. cor.
Marked 1/4 on N. side,
& raised mound of
stone alongside.

50.00 Enter aspen grove

53.00 Hollow drains N. 1 ch. into
a small lake in "Upper Basin"

79.50 Leave large aspens.

80.00 set Sandstone 36° 30 x 8
ins. 24 ins. in the grou=
=nd for cor. to secs. 3, 4, 33 &
34, marked 3 notches on E
& W. edges, & raised a
mound of stone along
side.

Land Mountainous
Soil 2d rate.
Oak brush & some
aspen trees.

South Boundary T. 37 S.

chains	East bet. Secs. 3 & 34
	Var. 16° E.
	Ascend in aspens
10.00	Top of Mountains bears N. & S.
40.00	An Aspen 16 ins. dia. for 1/4 sec. cor. blazed & Marked 1/4 on N. side, from which
	An aspen 12 ins. dia. bos. S 54 3/4° E 50 lks
	" " 12 " " " N 29° 25' W. 60 "
	Both trees Marked 1/4 S.B.T.
47.25	Road to Co-op Ranche bears N. & S.
60.00	Ascend & leave aspen.
78.00	South point of Ridge.
80.00	Set Trachyte stone 30 x 18 x 12 ins. 20 ins. in the ground for cor. to secs. 2. 3. 34 & 35 Marked 2 notches on E & 4 on W. edges, & raised

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37/
R. 11 W. S. L. M.

chains Mound of stone along side.
Land mountainous
Soil 2d rate.
Aspen timber on ledges.

"

East on the line
bet. secs. 2 & 35 -
Var. 16° E.

11.75 Road N & S W.
40.00 set trachyte stone 20 x 20 x 3 ins. 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, D from which
An Aspen 10 ins. dia. bears S 30 E. 36 lks.
" " 10 " " " N 20 E. 55 "
Both trees marked 1/4 S. B. T.

79.25 Small wash drains S E.
80.00 Set Trachyte stone 20x16x
15 ins, 15 ins. in the ground
for cor. to secs. 1. 2. 35 & 36,
Marked 1 Notch on E. & S
D on W. edges, & mound
of stone alongside.
Days cabin bears S 20° E
about 1 chs.
Corral S 35° E, about 1 chs.
Land Mountainous.
Soil 2d rate,
a few aspen trees.

"

The line becomes impracticable further East, on account of the deep cañon of the West fork of the

Rio Virgin, draining
South about 40 or
50 chs. East,
Oct. 2d, 1881.

Note:
For mineral des-
cription see end of
the subdivision notes.

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

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan 31 1882

The foregoing field notes of the survey of ~~the~~ and re-survey a part of the West, and Survey of 5 miles of the East Boundaries of Township No 37 S. Range No 11 W.

of the Salt Lake Meridian, Utah Territory,

Executed by J. C. Bailey

Under his *contract No* 102

of the 2nd *day of* May 188[illegible],

in the month of Oct 188[illegible],

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

Wm. Salomon.

U. S. Surveyor General for Utah.

BOOK-A-176
R: 1882.

Filed 187 .

Examined by John H. Campe.

Compared by

FIELD NOTES

OF

THE SURVEY OF THE

Additional Subdivisions

of Township No. 3 S. , *Range No.* 11 W.

of the Salt Lake Meridian in Utah Territory..

BY

F. C. Bailey

U. S. DEPUTY SURVEYOR,

Under his Contract No. 102

dated May 29th 1881.

Survey commenced Oct 30 1881

Survey completed " 5th 1881.

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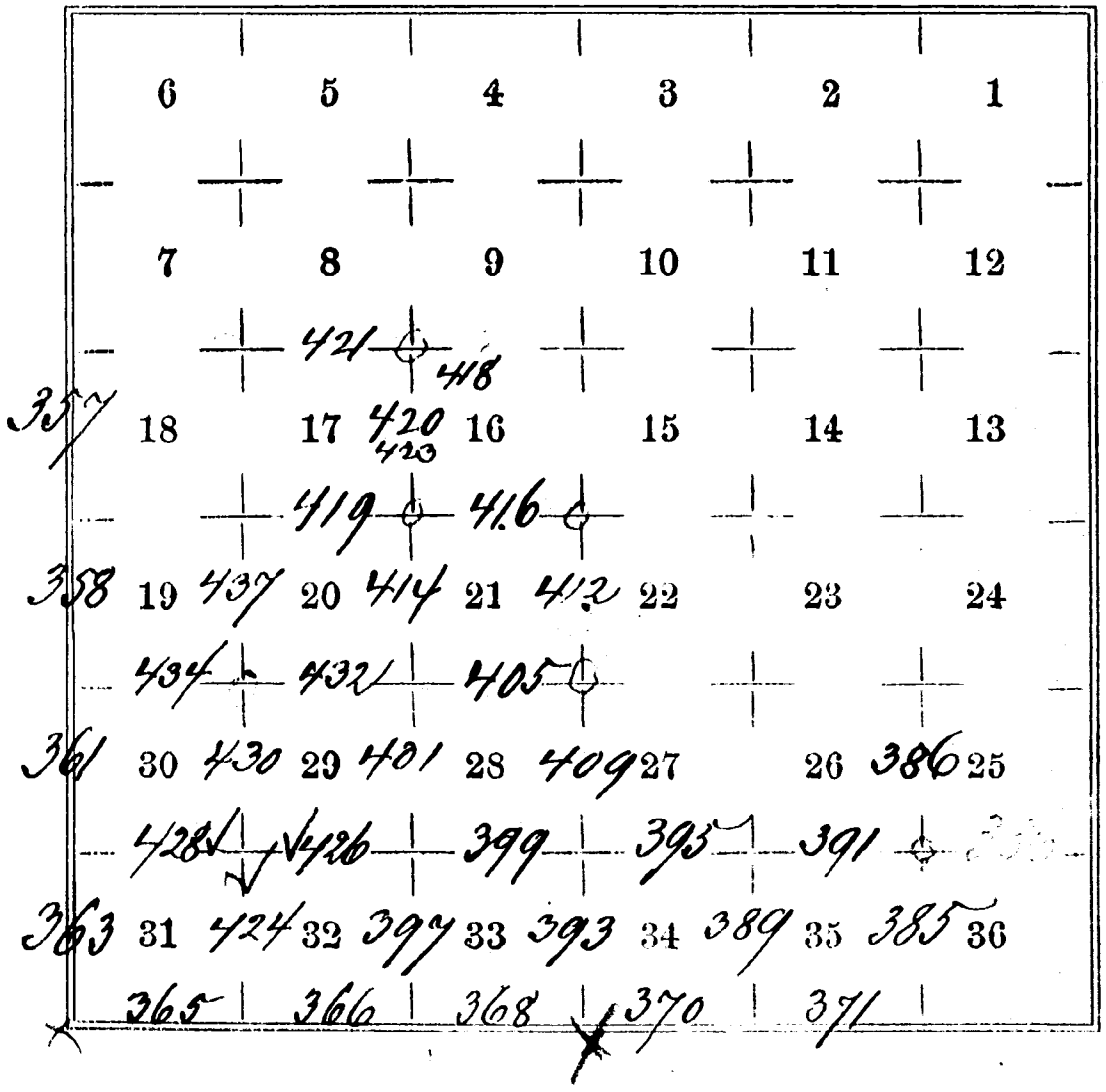
Township 37 S. **R.** 11 W.



Additional

Subdivisions T. 37 S. R. 11 W.

Commenced Oct 3d, 1881,
with a Burts improved solar compass,
which I tested on a
Meridian obtained from
an observation on the
star Polaris, and found
correct.

Began at the cor. to secs,
35 & 36, on the South bound-
ary of the Township, which
is a Trachyte stone 20 x 16
x 12 ins, 15 ins. in the ground
with Mound of stone I
drew.

North on random line
in order to make search
for the old cor. to secs. 23. 24,

Additional 375
Subdivisions T37S. R11W.
25 & 26,

Var. 16° E.

Setting temp. corners at 40 & 80 chs, and at 2 miles I make search for the old cor. but finding no trace of it, I then run West on a blank line 3 miles to a point, finding no old corners. I now measure south 24 chs, to a point 3.64 chs. West of the "lone pine tree" called for in the original notes at 70 chs on the line North bet. secs. 28 & 29, where it is stated that the "old line" between said sections at

S. L. M.

the distance of 70 chs, is at the crest of the mountain "7 chs. west of the "lone tree", which I find blazed and marked with a surveyors timber scribe — the figures are not fully legible, looking like "S. 33", but evidently intended for "S, 28". Now the last point reached as above noted is therefore 3.36 chs. E, & 10 chs. South of the old cor. to secs, 21, 21, 28 & 29, according to the old notes — I now, from said last point, run west 3.36 chains &

North 10 chs, where I make diligent search for the old cor. but find no trace of it.
Now as this old corner point is 14 chs. South, & 3.36 chs. West of the point marked on the 3 mile blank line, there is a bad error either in my lines, or in the old survey, and in order to test my own work, I go to the cor. to Secs. 13.18,19 & 24 on the West boundary of the T.P. and run on a blank line as follows:
East
40.00 chs. to old 1/4 cor.

80 chs, to old sec. cor.
Thence South
80 chs. Thence East
76.64 chs, to a point
3.36 chs. (allowing a few
links for error in chaining)
West of the point
reached on the 3 mile
blank line before men=
tioned, & 14 chs, North
of the old corner point
to secs. 20, 21, 28 & 29.
This thus far proves
my lines to be correct,
Not being fully satis=
fied with the situation
from old cor. point - 5 secs. 20, 21, 28 & 29
I run a blank line
South bet. secs. 28 & 29,
thence east between secs
28 & 33, 29 & 34, & North

Setting temporary corners at 40 & 80 chs.
between secs. 27 & 28, and
find no old original
corners, nor any indic-
ations, the topography
not agreeing with that
given in the old notes,
—the "lone tree" & "crest of
mountain" above mentioned,
being the only objects
which I could find and
identify on the ground,
as agreeing with the old
notes, At 71.00 chs,
On the line North bet.
secs. 28 & 29, the notes
call for a "coal Bed 25 lks,
15 ft. thick".
East ½ I find no coal
Bed at the point there
located, but on the con-
trary I do find a coal

Tunnel entering the hill immediately under & a little to the north of the "Lone Tree" which is about 650 links E. of said line, instead of 28 chs. This coal vein is about 15 or 18 ft. thick and dips gently to the E; It appears to be an excellent quality of lignite coal, the question of ownership of which is now pending before the Hon. Commissioner of the General Land Office, embracing the W½ of NW¼ & W½ SW¼ of sec. 28, on which land there is a coal filing

and an application to purchase, now on file in the local land office; - there is also a coal filing on the land lying immediately east of the above described tract, These coal claims are located with reference to the locus of the land as fixed and determined from the notes referring to the "lone tree", and from which the county surveyor has run out the claims. There are several other filings and entries of lands in this T.S. and were it not for this fact, I would not

hesitate to make a re-survey of all the old section lines on the mountain plateau, and as the law prohibits the changing of the old lines after entries are made, I finally decide to re-establish the cor. to secs. 20, 21, 28 & 29, at the point 7 chs. W & 10 chs. north of the "lone tree", where I set a stone for temporary cor, in order that the deposition of the true cor, may appear in its proper place in the body of the subdivision notes.

I am aware that this arrangement will cause a "jog" of 14 chs, on the East side of the sections and double cornors therein, on the 5th tier, and fractional areas or lots in 3 or 4 of the sections of the south tier, but this cannot be avoided under the circumstances, as there must necessarily be "double" corners & fractional sections somewhere, and therefore they may as well occur on the line mentioned, as well as any other, the designation of the lands, can be as readily determined and made as clear &

Oct. 4

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explicit as if the fractional lots and "double" corners appeared wholly against the boundary lines. Oct. 3d 1881.

Oct. 4th 1881. I now return to the cor. to secs. 35 & 36 on the south boundary, herein before described, and knowing from my connections at the "Lone Tree" that the temporary cor. to secs. 25. 26, 35 & 36, set in running the temporary line north between secs. 35 & 36, is 14 chs. N. & 3.36 chs. E, of the true point for the cor. to secs. 25. 26. 35 & 36, 80 chs. East of the point for cor. to secs. 26. 27. 34 & 35, the bearing of the

Subdivision T. 37 S. R 11 W.

chains true line will therefore be chains

N 2° 55' W.

bet. secs. 35 & 36

Var. 16° E.

20.00 Lava Ridge bears E & W.

40.00 Set lava stone 12 x 12 x 10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side & raised mound of stones alongside

60.00 Enter aspen timber E & W.

66.00 Set Trachyte stone 14 x 10 x 8 ins. 10 ins. in the ground for cor. to secs. 25. 26. 35 & 36, marked 1 notch on E & south edges & raised a mound of stones along side, from which 9.50 23.10

An Aspen 20 ins. dia. brs. S. 45° W. 10 lks

W. S. L. M.

chains. Marked T.37 S. R.11 W. S.35 B. T.
An aspen (Double) 10 ins. dia. brs. N.28 W.
100 lks. Marked T.37 S. R.11 W. S.26. B. T.
Land mountainous,
Soil 2d rate.
Aspen timber on N. 6 chs.

"

The line east is impracticable, I run
North bet. secs. 25 & 26
Var. 16° E.

9.50 A Black Trachyte boulder, 10×6×5 ft. marked with a cross (+) on top, on line.

23.10 Fence bears N.W. & S.E. & enter John W. Willis' Pasture. A spring bears S. 15° E. about 4 chs. drains E.

424 387 Additional
Subdivisions T. 37 S. R. 11 W. S. 9
chains

28.60 Fence E & W. leave pasture
40.00 set Sandstone 18 x 16 x 4 ins,
12 ins. in the ground for
1/4 sec. cor. marked 1/4 on
W. side, from which
An Aspen 20 ins. dia. brs. S 30° E. 20 lks.
" " 10 " " " S 60° W. 10 "
Both trees marked 1/4 S. B. T.
41.25 Enter lava rock bed
44.00 Leave " " "
57.00 Ascend rocky mt. E. & W.
65.50 Top of same, on timbered Plateau.
80.00 At this point I make
search for the old cor.
but find no trace of it.
Set a Trachyte stone 16 x
12 x 10 ins. 11 ins in the ground
for re-established cor. to
Secs. 23. 24. 25 & 26, Marked
1 notch on E. & 2 on South

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425

3

S. L. M.

chains Edges, from which
An Aspen 12 ins. dia. brs. S 80 E. 30 lks,
Marked T. 37 S. R 11 W. S. 25 B. T.
An Aspen 8 ins. dia. brs. N 84 E. 42 lks,
Marked T. 37 S. R. 11 W. S. 24. B. T.
An Aspen 7 ins. dia. brs. N. 15 W. 92 lks.
Marked T. 37 S. R 11 W. S. 23. B. T.
A Fir 24 ins. dia. brs. S 60 W. 92 lks,
Marked T. 37 S. R. 11 W. S. 26. B. T.
Land Mountainous,
Soil 2d & 1st rate.
Aspen timber.

"

Knowing that the
temporary cor. to secs,
26. 27, 34 & 35, set on
the blank line run
from the connection

made near the "lone tree", is 3.36 Chains west of a true north line bet. secs. 34 & 35, therefore from the cor. to said secs, on the South boundary of the Tp. which is a Trachyte 30 x 18 x 12 ins. with stone mound N 2°55' W.

bet. secs. 34 & 35 48.50

Var. 16° E. 53.50

Ascend along East slope,

18.00 Cabin bears N. 58° E. about 25 chs; Two cabins standing just on N. side of the above, 66.00

Pine springs are about 1 ch. W. of cabins; drains S. Top of rocky knoll, west about 150 lks.

40.00 set charred aspen post 4 ft. long 3 ins. square

for 12 ins. in the ground
for 1/4 sec. cor. marked
1/4 S. on W. side, dug pits
18x18x12 ins. N.&S. of post,
5 1/2 ft. dist, & raised
mound of earth 1 1/2 ft.
high, 3 1/2 ft. base around
post.

48.50 Enter bed of lava rock.

53.50 Leave " " " " on
W. slope of Pine spring
Butte. Enter timber.

66.00 To the temp: cor: An aspen
14 ins. dia. which I marked
T. 37 S. R. 11 W. S 26 on NE,
S. 35 on SE,
S. 34 on SW. and
S. 27 on NW. faces with
2 notches on E & 1 on S. edges
for cor. to secs. 26. 27. 34 & 35
in pine spring Grove

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Subdivisions T. 37 S. R. 11 W.

chains	from which	BOO S.a chains
	An Aspen 8 ins. dia. brs. N 10° E. 40 lks.	
	Marked T. 37 S. R 11 W. S. 26 B. T.	30.0
	A Fir 9 ins. dia. brs. S. 85 W. 5 lks.	
	Marked T 37 S. R 11 W. S. 34 B. T.	40.0
	An Aspen 10 ins. dia. brs. S 85° E. 30 lks	49.0
	Marked T. 37 S. R 11 W. S. 35. B. T.	56.2
	An aspen 4 ins. dia. brs. N. 60 W. 40 lks,	
	Marked T 37 S. R 11 W. S. 27. B. T.	
	Land Mountainous,	
	Soil 2d rate.	68.5
	Aspen & pine on N. 12.50 chs.	71.0
	East on random line	
	bet. secs. 26 & 35	75.
	Var. 16° E.	80.
6.50	N. Point of Lava hill	
20.00	Leave Grove. Road	

S. L. M.

chains	
	to Pine springs bears NW. & SE.
30.00	Leave live, and enter dead timber.
40.00	set temp. 1/4 sec. cor.
49.00	Descend into lower hills.
56.25	Trail NE & SW. Grove's Cabin N. about 6 chains, on N. side of small rocky Knoll.
68.50	small spring S. about 60 lks.
71.00	Cross fence & enter wood pasture NW & SE, a yellow sandstone just west of fence, on line marked with a cross.
75.00	Spring branch drains SE.
80.00	Intersect N. & S. line at the cor. to secs. 25. 26. 35 & 36, from which Iran

430 Additional 393

Subdivision T. 37 S. R. 11 W

chains		
	West on true line bet. secs. 26 & 35. with same va.	
40.00	Set Trachyte stone 30 x 20 x 8 ins. 20 ins. in the ground marked 1/4 on N. side for 1/4 sec. cor. & raised a mound of stones along side, from which	35.00
	An Aspen 20 ins. dia. bro. N 40° W 45 lks	40.00
	Marked 1/4 S. B. T.	
80.00	The cor. to secs. 26. 27. 34 & 35.	
	Land mountainous soil 2d rate.	
	Timber Pine, fir & Aspen	50.00 65.78 66.00

North 2°55' W.
bet. secs. 33 & 34

S. L. M.

Var. 16° E.

Note: see remarks on notes of line bet. secs. 34 & 35, which apply here.

= Ascend along west slope of Mt. in aspens.

35.00 Top bears N.W. & S.E.

40.00 Set trachyte stone 12 × 12 × 9 ins. 8 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side & raised mound of stone alongside.

50.00 Road N.W. & S.E.

65.78 " " " "

66.00 To the temp. cor. set on the blank line. I set a Trachyte 20 × 16 × 10 ins. 15 ins. in the ground in small opening, for

432 Additional 395

Subdivisions T. 37 S. R 11 W. S

	N = established cor. to secs. 27, 28, 33 & 34, with stone mound alongside, from which	
	An aspen 14 ins. dia. brs. S 23° W. 100 lks. marked T. 37 S. R 11 W. S. ~~34~~ 33 B. T.	60.00
	Land Mountainous.	76.00
	Soil 2d rate.	80.10
	Aspen timber	
	Re-survey.	40.05
	East on random line bet. secs. 27 & 34, Var. 16° E.	
6.00	Leave small opening & enter timber.	
36.00	Hollow drains N. ascend	
40.00	Set temp. 1/4 sec. cor.	

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W. S. L. M. 396 433 3

~~I marked 1/4 S. on N. side,~~
~~for 1/4 sec. cor. from which~~
~~An aspen 10 ins. dia. brs. S 45° W. 40 lks.~~
~~" " 12 " " " N 15 W. 35 "~~
~~Both trees marked 1/4 S. B. T.~~

60.00 Top of hill N & S.
76.00 Enter "Pine spring grove".
80.10 Intersect N. & S. line 21 links south of cor. to secs. 26. 27. 34 & 35, from which S. 89° 55 W. on true line bet. secs. 27 & 34
40.05 An aspen 14 ins. dia. with same va. which I mark 1/4 S. on N. side for 1/4 sec. cor. from which An aspen 10 ins. dia. brs. S 45° W. 40 lks.
" " 12 " " " N 15° W. 35 "
Both trees marked 1/4 S. B. T. no trace of old corner.

397 Additional Subdivisions T. 37 S., R. 11 W.

80.10 The cor. to secs. 27, 28, 33 & 34, Land Mountains
Soil 1st rate.
Timber aspen & pine,
" " "
From the cor. to secs. 32 & 33 on the south boundary, which is a Sandstone 22 x 10 x 10 ins. with mound of stone & cups, N. 2.05 W. dist. Secs. 32 & 33 Var. 16° E.
(See remarks in notes of the line bet. secs. 34 & 35, which apply here.)

66.25

12.90 Small spring branch runs S.W.

40.00 Head of hollow drains S.W. Set Sandstone 14 x 14 x 10 ins. 10 pits. in the ground for 1/4 sec. cor. marked 1/4 on W. side & raised a

W. S. L. M.

Mound of stone alongside,
The "Gap" is East about
10 chs.

66.25 To the temp. cor. set on the
blank line - I set white
Flat Sandstone 30 x 20 x 2
ins. 20 ins. in the ground
for cor. to secs. 28 & 33 - (Note:
the cor. to secs. 29 & 32 will
fall about 14 chs. North
causing the "double corners"
referred to in the pre-
amble to this book of
notes.) Marked 4 notches
on E & 1 on S. Edges, & raised
Mound of stone alongside,
on SW. Slope of Mt:
Land Mountainous
soil 2d rate.

No timber

436 Additional 399
Subdivisions T. 37 S. R 11 W.

Re-survey

chains East on random line
bet. secs. 28 & 33.
Var. 16° E.

0.00 "Joe's Coal Hole" bears S 32½ E, about 18 chs.: The Kanarra coal opening about 3 chns, SE. of Joe's hole. Ascend SW. slope

15.00 Top of Mt. NW & SE.

20.00 set sandstone marked with a cross (+) for the SE. corner of Bush's coal filing.

30.50 Trail in Salt Lick hollow NW.

40.00 set temp. ¼ sec. cor. A cor. set by county surveyor is SE, about 150 links.

46.00 Enter aspens N & S

S. L. M.

64.00 Road to co-op Ranche S.E.
68.50 Road to Shirts Cañon N.E.
79.80 Wood road N.W. & S.E.
80.00 Intersect N. & S. line 7 lks, S. of cor. to secs. 27, 28, 33 & 34, from which S. 89°57' W. on true line bet. secs. 28 & 33.
40.00 No trace with same va of old cor. set Lava stone 16×10×8 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised mound of stone along side. A cabin S. about 30 chs. & a small pond N. of it, in "upper Basin".
80.00 The cor. to secs. 28 & 33, Land mountainous. Soil 1st & 2d rate. Aspen timber.

438 additional 401

Subdivisions T. 37 S. R. 11 W.

Chains Re= survey.

North bet. secs. 28 & 29.

Var. 16° E.

Ascend.

18.00 Old dead pine 3 ft. dia. 12 lks E. of line.

24.00 Top of Mountain NW & SE.

40.00 Make search for old cor, but find no trace of it; I find near by at a little dist, to the S.E, a Sandstone set by the county surveyor with ¼ faintly scratched on the W. side. I take this sandstone 24 x 16 x 1½ ins, and set it on line, 18 ins. in the ground, for re=established ¼ sec. cor marked ¼ on W. side & raised a mound of stone along side.

54.00 At this point for con=

58.68

vemence of the claim=
ants in sec. 29, I set
a White Sandstone 24 x
12 x 3 ins, 18 ins. in the
ground for 1/4 sec. cor.
to sec. 29, Marked 1/4
on W. side & raised a
Mound of stones alongside
with D.C. on E. side of
stone for "Double cor."
The west point of the
Mountain is about
30 chs west covered
with pine timber,
The Kanarra Coal Co=
mpanies coal Tunnel
bears N. about 60° W.
about 16 chs John F. Pollock
Cabin is at the Tunnel.
58.68 A sandstone standing
42 links E. of line,

Subdivisions T. 34 S. R 11 W

Chains. Not Marked.

69.00 North crest of Mt. Descend

70.00 "Lone Tree" mentioned in old notes, bears E. 7 chs. "Pollock" Coal Tunnel bears N. 88° E. about 6.75 chs. I find a Sandstone marked 1/4 on S. side standing S. 79 1/2° E. 5 lks dist; How came this stone to be in this place is a mystery which I am unable to solve. I only make note of it for future reference, and to avoid confusion hereafter.

80.00 (See explanation at the beginning of this book.) Set a Sandstone 30 x 12

x 8 ins. 20 lks, in the ground, for re-established cor. to secs. 21 & 28; (see note at cor. to secs. 28 & 33, which applies here) marked 4 notches on E. & 2 on S. Edges & raised mound of stone along side, from which the "Lone Pine Tree" 18 ins. dia. bears S. 36° 05' E. 12.20 chs. dist, marked T. 37 S. R. 11 W, S. 28 B. T. and I left the old marks remain, for reference, in case any dispute arises as to the identity of this important tree.

One aspen 3 ins. dia. bears N. 39°

442 additional, 465
Subdivisions T. 37 S. R. 11 W.

56' W. 150 lks. dist, Marked
T. 37 S. R. 11 W. S. 29 B. T.
Sand Mountains,
under laid with coal,
Soil 2d rate.
No timber.

"

Niles — Survey.
East bet. Secs. 21 & 28
Var. 16° E.
Ascend along N.W. slope
12.50 West crest of mountains bears
N.W. — Head of spring N.E.
N. about 5. chs, drains N.W.
20.00 Set a Trachyte stone 20 x
16 x 8 ins. 15 ins. in the
ground, marked with
a cross (+) for the N. C.

800
S.
Chains
21.10
23.00
27.00

3004-A-176

406

S. L. M.

Chains Of the "Bush" coal filing, from which
An Aspen 18 ins. dia. brs. N60E, 22 lks, marked with a cross.
21.10 N.W. Corner of one of Pollock and Francis' Cabins bears S. 10° W. 3.20 chs.
" " " S 24 E. 6.00 "
S.W. cor. of Cabin S. 30 W. 6.7 "
Reservoir in N. End of Eastern field bears S 17½ E, about 12 chs. drains N.
A Spring S 33°45' E, about 6 chs. drains N. Another cabin just East of the Spring, and remains of old Coke oven about 150 links S E of this last cabin.
23.00 Enter Marshy ground & mines.
27.00 Leave " " " ".

441. 407 Additional Subdivisions T37S. R. 11W

chains	
	Marsh drains off N W into a Cañon.
31.00	N E. cor. of Corral S30W, about 6 chs.
40.00	Intersect line of old survey, where I make search for the old cor, but find no trace of it. There is a stake standing S. about 15 lks, supposed to have been set by the county surveyor, on which there are some unintelligeble pencil marks. Here I set a Trachyte stone 16x10x6 ins, 11 ins. in the ground for re-established 1/4 sec. cor. Marked 1/4 on N. side, & raised mound of

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S. L. M.

chains Stone alongside, from which
An Aspen 3½ ins. dia. brs. S73°E. 18 lks,
" " 4 " " " N40°E 40 "
Both trees marked ¼ S.B.T.
A Cross (+) marked on a
stationary Trachyte rock
bears S45E. 3 links dist.
Thence East on Re-survey line.
43.50 N. Point of Trachyte Boulders,
47.50 Top of rocky Knoll.
52.50 Rocky ledge, on W. side
of Big rocky hollow.
55.50 Bottom of Same chains NW.
60.00 East Edge of " " "
72.50 Coal road bears NE & SW.
Enter aspen grove.
80.00 Finding no trace of the
old cor here, I set a
temporary cor. & run
South.

446 40 9 Additional
Subdivisions T. 37 S. R. 11

Land Mountainous.
Soil 2d rate.
Aspen & Willows.

"

Re-survey
From the above temporary
cor. I run South
on a random line
bet. secs. 27 & 28,
Var. 16° E.

40.00 Make search for old
cor. but find no trace
of it.

80.00 Intersect E. & W. line at
the re-established cor.
to secs. 27. 28. 33 & 34,
from which I run
North on true line
bet. secs. 27 & 28
with same va.

W. S
33.00 S
40.00
45.10
50.50
50.75
57.90
67.00
80.00

W.	S. L. M.
33.00	S.W. rim of wide flat hollow drains N.W.
40.00	In the flat hollow, set Trachyte stone 26×18×5 ins. 17 ins. in the ground for re-established 1/4 sec. cor. from which
	An aspen 7 ins. diarbrs. N65°W. 28 lks.
	" " 7 " " " S45°E. 88 "
	Both trees marked 1/4 S.B.T.
45.10	Trail NW & SE.
50.50	Cattle Trail NE & SW.
50.75	Leave the hollow drains NW.
57.90	Road to Pine Springs, SE.
67.00	Trail NE & SW.
80.00	Remove the temporary cor. set on the line coming from the west, and set a Trachyte stone 25×16×6 ins 18 ins. in the ground for

448 Additional 411

Subdivisions T. 37 S. R 11 W.

Re-established cor. to
secs. 21, 22, 27 & 28; Marked
3 notches on E. & W. sides
Edges from which
An Aspen 4 ins. dia. brs. S 85° E. 23 lks.
Marked T 37 S. R 11 W. S. 21 B. T.
An Aspen 4 ins. dia. brs. N 80° E. 20 lks.
Marked T. 37 S. R 11 W. S. 22 B. T.
An Aspen 3 ins. dia. brs. S 40° W. 12 lks.
Marked T. 37 S. R. 11 W. S. 28 B. T.
An Aspen 4 ins. dia. brs. N. 40 W. 18 lks.
Marked T. 37 S. R. 11 W. S. 21 B. T.
Land Mountains,
Soil 1st rate.
Some Aspen trees.
(Same old survey)
"

I find it unnecessary
to re-run the line

S. L.
Chains
14.00
20.85
26.00
30.40
40.00
55.00
62.00
71.00
76.75

S. L. M.

chains East, therefore I run North bet. Secs. 21 & 22
Var. 16° E.

14.00 Leave aspen grove.
20.85 Wood road N.W. & S.E.
26.00 W. point of rocky Knoll.
30.40 Coal road N.E. & S.W.
40.00 Set Trachyte 25 x 16 x 14 ins 18 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, & raised mound of stone along side, from which An Aspen 14 ins. dia. brs. S 35° E 184 lks. Marked 1/4 S. B. T.
55.00 near head of hollow chains W.
62.00 Top of rocky Knoll
71.00 Rocky hill E & W.
76.75 On N. W. Edge of white state precipice, too steep

to chain further north on line in place. I here find a stationary sandstone 6 x 4 x 2 ft. above ground, on which I make a cross (+) for Witness cor. to secs. 15, 16. 21 & 22, marked W.C, with 3 notches on E. & S. edges, & raised mound of stone upon the corner stone, so it can be seen from the valley below.

80.00 The corner falling blow in the rocky breaks, is not set. I abandon line here.)

Land Mountainous
Soil 2d rate.

Some small aspen groves. & heavy brush.

Oct. 4th 1881.

S
chain
12.8
36.5
37.5
39.5
40.0
41.5
54.0

S. L. M.

Chains

Oct. 5th 1881.

I now return to the cor. to secs. 21 & 28, and run North bet. secs 20 & 21, Var. 16° E.

12.80 Spruce branch 1 lk. wide runs N.W. = along west slope of hill:

36.50 Creek 8 lks. wide in deep ravine, drains N.W.

37.50 Rock slide.

39.50 Leave it.

40.00 Set Red Sandstone 20 x 20 6 ins. 15 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on W. side, for raised Mound of Stones along side.

41.50 Ridge bears N.W. & S.E.

54.00 Set, on steep N. slope, a Red sandstone for about

Additional Subdivisions T. 37 S. R. 4 E.

Chains	Cor. 24 x 18 x 10 mds. 18 mds. in the ground, for 1/4 sec. cor. on E. side of sec. 29, Marked 1/4 on W. side, with D.C. & raised a mound of stone along side.
60.00	Gulch drains N.W.
65.00	N. West Point of Ridge.
74.50	Gulch drains N.
80.00	Set Red Sandstone 20 x 20 x 6 ins. 15 ins. in the ground for cor. to secs. 16 & 21, (The cor. to secs. 17 & 20 will fall about 14 chs N. see remarks at beginning of this book) Marked 4 notches on E. & W. on S. Edges. & raised mound of stone along side.

3.00	
17.50	
34.50	
40.00	
50.00	
60.00	

11 W. S. L. M.

Land Mountainous
soil 2d rate.
La No timber.

East on random line
bet. Secs. 16 & 21
Var. 16° E.

3.00 Gulch drains NW.
17.50 " " "
34.50 Ridge NE & SW.
40.00 On steep N. slope - set
temp 1/4 sec. cor.
50.00 Gulch drains NW.
60.00 On Ridge bears NW & SE.
I measure South 325 lks,
to a point from which
the Witness cor. to secs.
15. 16. 21 & 22, bears E;

Additional Subdivisions T. 37 S. R. 11 W.

Chains	
	From this point I run a Base N. 2 chs. to a point from which the witness cor. bears S. 45° E, giving 2 chs,
80.00	making the length of the line And the intersection at the cor. point to secs. 15. 16. 21 & 22, 3.25 chs. N. of the witness cor.
	From the point of Intersection the true line will be West bet. secs. 16 & 21,
2.00	set red Sandstone 15 x 10 x 5 ins. 10 ins in the ground, for witness cor. to secs. 15. 16. 21

Chains	
80.00	
	0.30
	1.50
	4.00
	14.00

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chains & 22, Marked W. C. with 3. notches on E. & S. edges & raised mound of stone alongside.

80.00 The cor. to secs. 16 & 21, Land Mountainous Soil 3d rate, rocky. No timber.

North on W. side sec. 16, Var. 16° E.

0.50 Gulch drains N. W.

1.50 Ridge bears N. W.

4.00 Deep Gulch drains N. W.

14.00 According to the connections near the "lone tree" this is the point for the Cor. to secs. 17 & 20, where I

Subdivisions T 37 S. R. 1 W.

c. chains	Set Red Sandstone 24 x 16 x 10 ins. 18 ins. in the ground, for cor. to secs. 17 & 20, marked 4 notches on E. & 3 on S. Edges, with D. C. for "Double" Cor. & raised Mound of stone alongside.	77.20
	From this cor. I run West on random line bet. secs. 17 & 20. Var. 16° E.	
10.00	Gulch drains N W.	
40.00	on Ridge N W & S E, Descend.	
77.20	Intersect N & S line 14 lks. S. of the old cor. to secs. 17. 18, 19 & 20, from which I run S. 89° 54' E, on true line bet. secs. 17 & 20	40.00 80.00
38.60	Set Sandstone 14 x 9 x 7	

ins, 10 ins, in the ground
for 1/4 sec. cor. marked
1/4 on N. side & raised
mound of stone along
side.

77.20 The cor. to secs. 17 & 20.
Land Mountainous,
Soil 3d rate, rocky.
A few Cedars

North on random line
bet. secs. 16 & 17,
Var. 16° E.

40.00 set temp. 1/4 sec. cor.
80.00 Cannot find the old
cor; I set temp. sec.
cor, and run
West on random line

Additional 427
Subdivisions T. 37 S. R 11
bet. secs. 8 & 17.
Var. 16° E.

40.00 No trace of old cor.
77.50 I intersect N. & S. line 7 lks
S. of the old cor. to secs.
7. 8. 17 & 18, from which
I run - on Re-survey -
East on true line
bet. secs. 8 & 17.
40.05 (Making the distance and course the
same as given in the
original notes) I again
look for old cor, but
do not find it - I set
a Limestone 18 x 13 x 6 ins,
12 ins, in the ground,
for re-established 1/4
sec. cor. marked 1/4
on N. side & raised a
mound of stone side along

W. S. L. M.

3 2.90 Road in small vally, bears N. & S. to Cedar City & Kanarra.

80.10 (Length of old line) To the Point for old corner, which I cannot find — I set here a Sandstone 18 x 11 x 6 ins. 12 ins. in the ground, for re-established cor. to secs. 7. 8. 17 & 18, Marked 4 notches on E. & S. Edges & raised Mound of stone alongside, which cor. is 2.60 chs. E. & 7 links N. of the temporary cor. set coming north on the random line bet. secs. 16 & 17 —

Land Mostly Mountainous

Soil 2d rate.

A few cedars on E. End.

(End of re-survey)

Note:

chains. According to the above connection with my temp. cor. the bearing of the true line bet. secs. 16 & 17 will be S. 1°51' W. & the length of the line 80.07 chs.

Therefore I run S. 1°51' W. on true line bet. secs. 16 & 17.

Var. 16° E.

35.00 Trail N.W.

40.03 set Sandstone 15 x 9 x 8. ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. side & raised mound of stone along side.

80.07 The cor. to secs. 16. 17. 20

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N. S. L. M.

Chains 421.

Land mountainous
Soil 2d rate.
a few cedar.

"

From the cor. to secs. 31 & 32
on the south boundary
of the Tp, which is a
Sandstone 30 × 20 × 4 ins,
20 ins. in the ground,
from which
A cedar 24 ins. dia. bro. N 11 E
15 lks, Properly marked,
I run
North bet. secs. 31 & 32
Var. 16° E.
Descend
1.95 Kanawha Creek 10 lks,

Additional 426

Subdivisions T 37 S. R. 11

Chains wide runs N.W. in deep Cañon.

15.60 Ravine drains S.W.

21.50 " " "

40.00 set Sandstone 22×16×7 ins. 16 ins. in the ground for ¼ sec. cor. Marked 1/4 on W. side & raised mound of stone along side, on W. slope of hill.

45.00 Head of Ravine drains S.W.

51.50 Hill bears E & W.

72.25 Small ravine N.W.

80.00 Set Sandstone 25×18×8 ins. 18 ins. in the ground for cor. to secs. 29. 30. 31 & 32 Marked 5 notches on E. & 1 on S. edges, & raised mound of stone alongside

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W. S. L. M.

Mains	Land Mountainous Soil 2d rate. No timber
	— " —
	East on random line bet. secs. 29 & 32 Var. 16° E.
	Ascend
20.00	Top of N. slope - Oak springs bears N. about 8 chs. drains W.
25.00	Trail NW & SE in the "Lower Basin".
40.00	set Sandstone for temp. 1/4 sec. cor. ascend
78.00	Intersect N. & S. line 14.00 chs. N. of the cor. to secs. 28 & 33

Subdivisions T. 37 S. R. 11 W.

chains as this connection is "out" over five chains, which is explained in the remarks, in the beginning of this book, I set a "Double" cor, at this point which is a Sandstone 24 x 16 x 3 ins. 18 ins. in the ground for cor. to secs. 29 & 32, Marked 4 Notches on E. & 1 on S. Edges, with D. C, & raised mound of stone alongside, from which I run

West on true line

39.00 On S. Point - set white lime stone 30 x 10 x 9 ins. 20 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised a

S. L. M.

chains	Mound of stone along side.
78.00	The cor. to secs. 29.30.31 & 32
	Land Mountainous
	Soil 2d rate.
	No timber

West on random line
bet. secs. 30 & 31
Var. 16° E.

25.00	N. fork of Kanarra Cañon chains SW.
40.00	set temp. 1/4 sec. cor. the line in place becomes impracticable; I offset N. 15 chs. thence W. 40, chains to
80.00	Intersect N & S line at

Subdivisions T. 37 S. R. 11

chains	the witness cor. 15 chs. N. of the cor. to secs. 30 & 31, on the west Boundary of the Tp which is a Sandstone 36 x 30 x 6 ins. 24 ins. in the ground, with stone mound, from which A pine 16 ins. dia. brs. S 13° W. 50 lks " " 12 " " " N 10 E. 70 lks, from which cor. I run	80.00
	East on true line	10.00
	bet. secs. 30 & 31.	20.00
	following the offset run on the random line,	24.70
40.00	On true line, set a red Sandstone 15 x 10 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. side, & raised Mound of stone along side.	33.50
		40.00

W. S. L. M.

80.00	The cor. to secs. 29, 30, 31 & 32. Land Mountainous soil 3d rate, rocky. No timber
	"
	North bet. secs. 29 & 30 Var. 16° E.
10.00	Ravine drains W.
20.00	" " "
24.70	A Double Pine 6 in. dia, blazed & notched on line.
33.50	Trail NW & SE, W side of "lower basin".
40.00	set White Sandstone 20 x 15 x 6 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. side, & raised mound of stone

468 Additional 431
Subdivisions T. 37 S. R. 11 W.

chains along side.
43.00 Ravine drains W.
48.00 Ridge E & W.
62.00 Head of Hollow drains N W.
68.00 Ridge N W & S E, descend along crest of ridge, to
80.00 Set Red Sandstone 20 x 10 x 5 ins. 15 ins. in the ground for, cor. to secs. 19, 20, 29 & 30 marked 5 notches on E. & 2 on S. Edges & raised a mound of stones along side, from which
A Mahogany 4 ins. dia. brs. N 35° W 16 lks. marked T 37 S. R 11 W. S 19. E. B.
A pine 18 ins. dia. brs. S 22 W. 88 lks. marked T 37 S. R 11 W. S. 30 B. T.
Land Mountainous
Soil 2d rate.
A few cedar.

BOOK-A
S.
chains
5.00
16.50
23.00
40.00
46.00
67.00
68.50
75.0
76.0

S. L. M.

chains	East on random line bet. Secs. 20 & 29 Var. 16° E.
	Descend.
5.00	Hollow drains N.W.
16.50	Pine tree blazed 15 lks N. of line on N. point of ridge.
23.00	Hollow drains N.
40.00	set temp, 1/4 sec. cor. on N. slope, in maple grove.
46.00	N. Point of Ridge.
67.00	Enter small meadow; A. spring bears N. 40 E. 8 chs, and remains of old Corral fence, N.W. 1 ch.
68.50	Leave meadow.
75.00	small branch 1 lk wide runs N.W.
76.64	Intersect N & S line

470 Additional 433
Subdivisions T 37 S. R. 11 W
Chains 14 chs. N. of the cor. to
secs. 21 & 28 (see rema-
rks at the intersection
of the random line E,
bet. secs, 29 & 32, which
apply here) where I
set a Sandstone 30 x 20
x 12 ins. 20 ins. in the
ground, for cor. to secs.
20 & 29, marked 4 notches
on E. & 2 on S. Edges, with
D.C. for "Double cor." &
raised mound of stone
alongside from which
the "Lone Pine tree" bears
S. 15°.05' E. 25 chs.
From which cor. I run
West on true line
bet. secs. 20 & 29
38.32 set Sandstone 20 x 12 x 2 ins

BOOK-
S. 9
76.64

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S. L. M. 434 471 77

15 lks. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, & raised mound of stones alng side, from which 18in Oak 6 lks. dia. bears N45E, 110 lks. Marked 1/4 S. B. T. being one of 5 oak trees standing close together.

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

Land Mountainous,
Soil 2d rate.
No timber.

"

West on random line
bet. secs. 19 & 30
Var. 16° E.

Additional 435

Subdivisions T. 37 S. R. 11 W.

20.00	Ranie drains N.W.
40.00	On Ridge bears N.W.
80.40	Intersect west boundary of the S.E. 1/4 Sec. S. of cor. to secs. 19 & 30, which is a stationary sandstone 5 x 4 x 4 ft. above ground marked 2 notches on N.W. Edges, with mound of stone, from which A pine 14 ins. dia. bears N. 74 1/4 W. 40 lks. properly marked, from which corner d runs S. 89° 56' E. on the line bet. secs. 19 & 30
40.20	Set Sandstone 18 x 10 x 9 ins. in mds. in the ground for 1/4 sec. cor. marked 1/4 on W. side, from said mound of stone adjacent,

S. L. M.

S.0.40 The cor. to secs. 19. 20. 29 & 30.
Land Mountainous.
Soil 3rd rate-rocky,
A few cedar.

"

Having already run a blank line South bet. secs. 20 & 19, and set a temp. cor. at the point for cor. to secs. 19. 20. 29 & 30, which I reached coming north bet. secs. 29 & 30, I then run that a true North line bet. 19 & 20 will intersect at the cor. to secs. 17, 18. 19 & 20, at

Subdivisions T. 3 S. R. 11 W.

Chains	
	the end of 80 chs. North on true line Var. 16° E.
4.00	Pile of Red bowlders,
15.00	Shaley draws N.W.
20.00	N.W. Point of hill.
25.00	Trail in bottom of Cañon bears W. Ascend
40.00	Set Trachyte stone 25 x 20 x 3 ins. 18 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. side, from which Pine 7 ins. dia. bears N. 45 W. 20 lks, " 4 " " " N 30° E. 8 lks, Both trees marked 1/4 S.B.T.
41.00	Top of Ridge E & W.
60.00	Old Drag road in Ravine draws W. Descend along N.W.

S. L. M.

slope

8000 The cor. to secs. 17, 18, 19 & 20, which is a volcanic stone 20×15×7 ins. Marked 3 notches on S. & 5 on E. edges, from which

A cedar 5 ins. dia. brs. N 20° E. 24 lks.
" " 4 " " " S 40 E. 10 "
A Fir 3 " " " S 45 W. 5 "
" " 3 " " " N 3½ W. 46 "

All properly marked.
Land Mountainous,
Soil 3d rate,
A few cedars.

Oct. 5th 1881.

General Description

The present additional survey of this Tp. takes in all the present settlements, and all of the available land. I return the following as coal land.
The S½ W¼; and Lot 4 of sec. 33; W½ NW¼ & W½ SW¼ sec. 28; The S½ E¼ of NE¼, & SE¼ sec 29.
The Kanarra Herd Houses are near the ~~sec~~ centre of sec. 29 to which I could not take any bearings from the lines, as I

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Was unable to see them therefrom.
The S½ of NW¼ of Sec. 28 was returned as coal land & surveyed accordingly.

T. G. Bailey
U. S. Dep. Surv.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Jan 30th 1882.

The foregoing field notes of the survey of the

Additional Subdivisions

Township No 3 S. *Range No* 11 W.

of the Salt Lake Meridian, Utah Territory,

Executed by F. C. Bailey

Under his *contract No* 102

of the 27th *day of* May 188 1,

in the month of Oct. 188 1,

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

Wm. Salisbury

U. S. Surveyor General for Utah.