BOOK-A-173

18 R: 1881 (10.2) (1)

Filed 187 .

Examined by

Compared by G. Schutte and Will Gorlinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

South & West Boundaries and Re-Survey of the East Boundary

of Township No. 26 S, Range No. 25 E,

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880

Survey commenced October 5th 1880.

Survey completed October 6th 1880.

Transcripts made

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P.
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33
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BOOK-A-173

Re-Survey of East Boundary
T. 26 S. R. 25 E. S.L.M.

Lchs. Survey commenced Oct. 5th, 1880

Note: I here take an observation of the North Star and adjust my Solar compass to the meridian thus obtained.

I commence at Stand. cor. to Tps. 25 S. Rs. 25 & 26 E. re-established by me, and re-survey South along E. side Sec. 1
Var. 15° 10' E.

Descend on E. side of hill in heavy brush.

33.00 Hollow drains E. Ascend gradually.

40.00 Old cor. in place, being a gray sandstone 22x12x9" in mound of stones, marked 1/4 on W. side from which, A pine 20" dia. bt. S. 45° E. 104 links dist. marked 1/4 S.B.T.

4

Re-Survey E. Boundary T. 26

Chs		S. C
80.00	Old cor. thrown over and removed. I reset same, being a gray sandstone 14×9×8", 9" deep, marked 5 notches on S. and 1 on N. edge with reg. mound of earth and pits for cor. to secs. 1, 6, 7 and 12. Land high rolling. heavy brush along line, soil 2nd rate some pines along line	69.00 80.00
	South on re-survey along E. side Sec. 12 Var. 15° 10' E.	
19.00	Wash drains N.E.	
40.00	Old cor. in place being a sandstone 16×10×8", set 10" deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 Sec. cor.	
43.00	Enter quaken aspe.	
50.00	Leave "	
63.00	Enter "	28.30

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S. R. 25 E. S. L. M.

Chs.
69.00 Ascend
80.00 On top of ridge bs. S. 73° E. and N.W. No trace of old cor.
Set gray sandstone 20×12×8", 15" deep, in mound of stones marked 2 notches on N. and 4 on S. edges, for cor. to Secs. 12, 13, 7 and 18. from which.
A quakenasp 8" dia. bs. S. 72° W. 21 links
An oak 12" " " S 1° E. 45 "
A quakenasp 12" " " S. 44½° E. 21 "
Land rolling, Soil 2nd rate
Heavy brush along line.
Timber - Oak, Quakenasp and some Pines on 24.00 chains.

South, on re-survey along E. side Sec. 13
Var. 15° 10' E.

Descend gradually.
28.30 Pine 26" dia.

6

Re-Survey E. Boundary T. 26 S.

Chs.

35.50 Pine 68" dia.

40.00 Old cor. destroyed, set red sandstone 15 x 7 x 5", 10" deep, marked 1/4 on W. side, for 1/4 Sec. cor. from which.

A quaken asp 7" dia. bs. S. 2 1/4° E. 78 links

" " 8" " " S. 80° W. 42 "

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

48.00 Descend

61.00 Dry creek drains S.E. Ascend,

80.00 Old cor. obliterated therefore, on top of ridge bs. N.E. & S.W. set a gray sandstone 13 x 9 x 9" in mound of stones, marked 3 notches on N. and S. edges for cor. to Secs. 18, 19, 13 and 24. from which.

A pine 37" dia. bs. S. 35° W. 127 links

" quakenasp 8" " " N. 56° W. 54 "

No other trees at hand

Chs.

25.00

35.00

40.00

48.00

54.00

61.40

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S. R 25 E. S. L. M.

Cht. Land rolling.
Soil 2nd rate.
Heavy timber along line.

South on re-survey along the E. side sec. 24
Var. 15° 10' E.

Descend
25.00 Steep rocky descent.
35.00 Wash drains S.W.
40.00 Ascend. Old cor. destroyed, set gray sandstone 16×15×12", 10" deep, marked 1/4 on W. side, for 1/4 sec. cor. from which.
A quadruple ash 8" dia. bs. N 86° E. 59 links
" " 6" " " S. 33° 40' W. 41 "
"Both-marked 1/4 S. B.T."
48.00 Pine 40" dia.
54.00 On top of low ridge bs. N.E. & S.W.
61.40 Pine 48" dia.

Re-survey E. Boundary T. 21

Chs.
64.00 Descend
73.00 Enter bottom
80.00 Old cor. destroyed, therefore set a red sandstone 16×14×10", 10" deep marked 4 notches on N. & 2 on S. edges, with reg. mound of earth and pits, for cor. to Sec. 24, 25, 19 and 30. from which A pine 36" dia. bs. S. 32° E. 250 links
" " 7" " " S. 88° E. 90 "
No other trees at hand:
Land rolling,
Soil 2nd rate.
Timber quaking asp and pine along line

Southowre-survey along E. side Sec. 25.
Var. 15° 10' E.
Descend gradually

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Sec. R 25 E. S. L. M.

18.45 Trail bears N.E. and S.W.

27.50 Creek 2 links wide 3" deep runs S.W.

40.00 N. trace of old cor. Most of the trees destroyed by fire. Set gray sandstone 18×14×11" in mound of stones marked "4 on W. side, for 1/4 Sec. cor. from which.
A pine 34" dia. bs. N. 34½° E. 4 links marked 1/4 S.B.T.

40.60 Beef creek 6 links wide, 13" deep runs S.E. Ascend

45.00 Top of bench. Leave timber.

70.50 50 links E. of line a coal vein 8" thick, Descend, Enter brush and timber.

80.00 Old cor. destroyed therefore set gray sandstone 20×15×10", 15" deep marked 5 notches on N. and low S. edges, with reg. mound of earth and pits, for cor. to Sec.

10

Re-survey E. Boundary T. 26 S. R.

Chs. 30, 31, 35 and 36. from which
A balsam pine 14" dia. bs. N. 78½° E. 66 links
" Cedar 15" " " S. 37½° W. 100 "
Land rolling, Soil 1st rate.
Timber—pines, cedars, balsam 60.0
pines on 1st 45.00 and last
9.50 chains.

South on resurvey along E. 67.5
Side Sec. 36. 80.0

Var. 15° 10' E.

Descend.
3.00 Ascend
10.55 Trail bears S. E.
14.00 Top of hill descend,
A coal vein 3" thick, 2 chs. E.
35.15 Summit creek 15 links wide, 18"
deep, runs E.
36.00 Ascend.
40.00 No trace of old cor.

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R. 25 E. S.L.M.

Chs. Set gray sandstone 15×10×6", 10" deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 Sec. cor.

60.00 On top. Enter plateau.
2 chains E. a heavy vein of coal about 25 feet thick, covered by a 6 foot layer of fire clay.

62.50 Descend.

80.00 Old cor. destroyed. therefore set red sandstone 20×10×5", 15" deep marked 6 notches on N.S.E.&W. edges with reg. mound of stones and earth and pits, for cor to Tps. 26 and 27 S. Rs. 25 and 26 E. from which
A pine 25" dia. bs. N. 15° W. 225 links,
Land mountainous, Soil 2nd rate.
Some pines and heavy brush along line.

October 5th 1880.

South Boundary T. 26 S.

Chs. From cor. to Tpl. 26 & 27 S.
Rs. 25 and 26 E. re-established
by me, I run.
West on true line, along S.
side Sec. 36.
Var. 15° 10' E.
Enter heavy brush.
9,50 Ascend, Leave brush, Enter a
grove of balsam pines.
34,00 On top of plateau, Leave pines
40,00 Set granite 14 x 10 x 8", 10" deep
marked 1/4 on N. side, with reg.
mound of earth and stones, for
1/4 Sec. cor.
41.50 Leave plateau, Descend, Enter
heavy oakbrush.
55,00 Ascend.
63,50 Enter plateau.
66,00 Leave " Descend along N.
side of plateau.

R. 25. E. S. L. M.

chs. 72.50	Enter young quakenasps.
78.00	Leave " "
80.00	Set red sandstone 20×12×9", 15" deep, marked 1 notch on E. and 5 on W. edges, with reg. mound of earth and pits for cor. to Secs. 35. 36. 1 and 12.
	Land mountainous. on 8000 chs. Soil 1st " and 2nd " rate.
	Heavy timber on 24.50 chains Pines ~~&~~ quakenasps scattered along line, Heavy oak-brush on 1st " 9.50 chains, and last 38.50 " .

West on true line, along S. side of Secs. 35.

Var. 15° 10' E.

	Line runs along N. edge of plateau.
40.00	In small grove of young quakenasps

South Boundary T. 26 S. R.

Chs. Set granite 13×9×8", 8" deep, marked 1/4 on N side, with reg mound of earth and pits for 1/4 Sec. cor.

65.00 Enter plateau.

80.00 Set red sandstone 20×16×12", 15 deep, marked 2 notches on E. and 4 on W. edges with reg mound of earth and pits for cor. to Sect. 34, 35, 2 & 3.

Land mountainous on 80.00 chains.

Soil 2nd rate.

Some scattering pine and quaking asp.

Heavy oak-brush along line.

West on true line along S. side of Sec. 34

Var. 15° 10' E.

4.00 Leave plateau.

Chs.
27.4
40.00
55.0
60.3
80.0

BOOK-A-173/5

R. 25 E. S.L.M.

Chs.
22.40. Indian trail bears N.
40.00 Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on N side, with reg. mound of earth and pits for 1/4 Sec. cor. from which.
A quakenasp 9" dia. bt. N 50° W. 14 links dist.
55.00 Wash drains N
60.35 creek 3 links wide 3d. runs N
80.00 On edge of plateau, set charred quakenasp post 4×4, 4 feet long, 2 feet deep, marked 3 notches on E. and W. edges, with reg. mound of earth and pits for cor. to Sec. 33, 34, 3 and 4.

Land mountainous on 80.00 chs.
Soil 1st and 2nd rate.
Timber — some quakenasp

South Boundary T. 26 S. R. 2

Chs		Chs.
	along line.	
	Heavy oak-brush and young quakenaspe along line.	
	West on true line along S. side of Sec. 33	
	Var. 15° 10' E.	
12.00	At foot of high hill. As and along N side of same. Enter heavy timber.	
40.00	Set granite stone 18×15×9" 12" deep marked 1/4 on N side for 1/4 Sec. cor. from which	
	A balsam pine 20" dia. bs. S. 10° E. 6 links	5.00
	" Spruce " 8" " " N. 30½° W. 15"	
	Both marked "1/4 S. B. T."	
80.00	Set granite 20×14×10", 15" deep marked 4 notches on E. and 2 on W. edges, with reg. mound of earth and pits, for cor. t.	40.00

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R. 25 E. S. L. M.

Chs. Secs. 32, 33, 4 and 5
from which
A balsam pine 12" dea. bs. N. 54½° W. 22 links
" " " 15" " " N. 74° E. 55 "
" " " 14" " " S. 3½° W. 46 "
Land mountainous,
Soil 1st rate. Timber excellent
balsam pine and some
quakenasp on last 68.00 chs.

West on true line along
S. side Sec. 32
Var. 15° 10' E.

5.00 Top of ridge bs. N. 75° W. and
S. 75° E. Descend, Leave
heavy timber

40.00 Set granite stone 12×12×4", 8"
deep, marked ¼ on N. side
with reg. mound of earth and
pit, for ¼ Sec. cor.

South Boundary T. 26 S.

Chs.	
69.50	Gulch drains S.E. Ascend
80.00	Set Sandstone 24×20×10", 18" deep, marked 5 notches on E. and 1 on W. edges, with reg. mound of earth and pits for cor. to Secs. 31, 32, 5 & 6.
	Land mountainous on 80. chs.
	Soil 1st & 2nd rate.
	Heavy timber on 1st 5.00 chs.
	Some scattered quakenasps along line.
	✓
	West on true line along S. side Sec. 31,
	Var. 15°10' E.
15.00	Enter heavy timber.
30.00	Leave. Same.
39.50	On top of ridge bs. N. 75° W. and S. 75° E. Descend along

BOOK-A-173

A. 256 S. L. M.

Chs. S. side of hill.

40.00 Set gray sand stone 15×10×8" 8" deep, marked 1/4 on N. side with rg. mound of earth and pits for 1/4 Sec. cor.

78.86 Allow 114 links convergency for 2 Tpls. (the line 12 miles South having been established full 6 miles) Set granite stone 28×20×18", 21" deep, marked 6 notches on N. S. E. & W. edges, with rg. mound of earth and pits for cor. to Tpls. 26 and 27 S. Rs. 24 and 25 E. from which Aspen 10" dia. bs. N. 8° E. 105 links dist.

Land mountainous, Heavy timber, Spruce, and balsam firs on 15.00 chains.

Soil 2nd rate.

October 5th 1880.

30

West Boundary T. 26 S.

Chs.		Chs.
	From the cor. to Tps. 26 and 27 S. Rs. 24 and 25 E. established by me, I run.	
	North along W. side of Sec. 31	17.00
	Var. 15° 10' E.	
18.00	Ridge bs. S. 70° E.	34.00
	Enter heavy timber. Descend.	
32.00	Bottom of canon drains S.W.	40.0
	a spring 5 chs. below. Leave timber	
40.00	Set granite 13×9×7", 8" deep in stone mound, marked 1/4 on W. side, for 1/4 Sec. cor.	
80.00	Set granite 16×7×4", 10" deep in stone mound, marked 1 notch on S. and 5 on Hedges for cor. to Secs. 30, 31, 25 and 36	80.0
	Land mountainous and broken	
	Soil 3rd rate.	
	Timber - quakenasp and pine.	

BOOK-A-1732

T. R. 25 E. S.L.M.

Chs.	October 6th 1880.
	North along W. side of Sec 32
	Var. 15° 10' E.
17.00	Ridge bears N.E. & S.W.
	Enter timber.
24.00	Deep gulch drains W. 8 chs,
	trees S.W.
40.00	Set granite 15×12×9", 10" deep
	in stone mound, marked "4 on
	W. side, for 1/4 Sec. cor. from which
	Aquakenasp 8" dia. bs. S. 74½° W. 16 links
	" " 6" " S. 69° E. 21 "
	Both marked "4 S.B.T."
80.00	Set granite 24×16×14", 18" deep in
	stone mound, marked 2 notches
	on S. and 4 on W. edges, for cor.
	to Secs. 19, 30, 24 & 25.
	from which.
	Aquakenasp 10" dia. bs. N. 48° E. 54 links

West Boundary T. 26 S.

Chs. A quakenasp 9" dia. bs. N 27° W. 68 links
" " 12" " " " 47½° W. 33 "
" balsam 10" " " S. 63° E. 97 "
Land mountainous.
Soil 3rd rate.
Timber - Pine and Quakenasps
on 63.00 chains.

Note: I here take an observation of Polaris and find the meridians to agree.

North along W. side of Sec. 19
Var. 15° 10' E.

5.00 Deep gulch drains W.
40.00 Set granite 16 x 9 x 7", 10" deep, marked ¼ on W. side, in stone mound for ¼ Sec. cor. from which
A pine 16" dia. bs. S. 23° W. 86 links
marked "¼ S.B.T."

BO
R 2
Chs.
80.00
28.16

BOOK-A-173

R. 25 E. S.L.M.

Chs. 80.00 Hartop of high ridge, set granite stone 18×10×9", 12" deep in stone mound marked 3 notches on S. and N. edges, for cor. to secs. 18.19. 13 and 24 from which

A Pine 16" dia. bs. N. 54° E. 64 links
" " 14" " " N. 45° W. 38 "
" " 16" " " S. 62° E. 110 "

Land mountainous and broken.

Soil 2nd rate.

Timber-Pine and quakenasp on 80.00 chains.

North along W. side of Sec. 18.
Var. 15° 10' E.

28.16 Lost creek 6 links w. 18" deep runs S.W. Leave heavy timber. Ascend.

West Boundary T. 26 S. R. B

Chs.		Chs.
40.00	Set granite stone 14×14×8", 10" deep, marked "4 on N. side, with reg. mound of earth and pits, for 4 Sec. cor. from which Aquakenasya 12" dia. bs. S. 73° W. 108 links marked "4 S. B. T."	40.00
74.00	High ridge bears N. E. Enter heavy brush.	
80.00	Set granite 22×9×6", 15" deep, marked 4 notched on S. and 2 on N. edges with stone mound for corr. secs. 7, 18, 13 and 13. from which,	42.50
	An Aspen 14" dia. bs. N. 4 3½° W. 63 links	80.00
	" " 12" " " S. 74° W. 84 "	
	A Pine 15" " " N. 24° E. 55 "	
	" " 26" " " S. 52° E. 125 "	
	Land mountainous.	
	Soil 2nd rate.	
	Timber — Aspen and Pine.	

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R. 25 E. S. L. M.

Chs.	
	Mount amous on 80.00 chains.
	North along W. side Sec. 7. Var. 15° 10' E.
40,00	Set granite 15×12×9", 10" deep, in stone mound marked 1/4 on W. side, for 1/4 Sec. cor. from which A Pine 16" dia. bs. N 57° E. 36 links " " 14" " " S. 14° W. 48 " marked 1/4 S.B.T.
42,50	Creek 4 links wide, 3" deep, runs N E.
80,00	Set Sandstone 16×12×12", 10" deep, marked 5 notches on S. and 1 on N. edges, with reg. mound of earth and pits, for cor. to Secs. 6, 7, 1 and 12, from which A Balsam 18" dia. bs. N 21° E. 55 links An Aspen 11" " N 60° W. 90 " " " 8" " S. 32 3/4° E. 178 "

West Boundary T. 2 6 S. R.

Chs. Land mostly mountainous.
Soil 2nd rate.
Timber - Pine and Aspen, and heavy undergrowth on 80.00 chs.

North along W. side Sec 6.
Var. 15° 10' E.

35,00 Enter Spring bottom, and brush.
37,00 A spring 10.00 chs. E.
40,00 Set charred quakenasp post 4x4 4 feet long, 2 feet deep, marked 1/4 S. on W. side, with reg. mound of earth and pits for 1/4 Sec. cor.
78,23 Intersect 5th Stand and Parallel South, 1/1 links E. of Stand. cor. to Tps. 25 S. Rs 24 and 25 E. Where I set a Sandstone 16x14x12", 10" deep, marked 6 notches on S. E. and W. edges and C.C. with reg. mound of earth and Pits for Closing cor. to Tps. 26 S.

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27

R. 25 E. S. L. M.

Rs. 24 & 25 E.
Land North Slope.
Soil 1st rate.
Timber-Pine and Aspen on
77.33 chains
October 6th 1880.

Note: For General Description
See end of Subdivisions of
this Tp.

Ernst Buettner

U. S. Deputy Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th 1881

The foregoing field notes of the survey of the South & West Boundaries & Re-survey of the East Boundary

Township No 26 S. *Range No* 25 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Brittner

Under his *contract No* 96

of the 28th *day of* July 1880,

in the month of October 1880,

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

Fred. Salisbury

U. S. Surveyor General for Utah.

30

BOOK-A-173 31 11 31

19 R: 1881

Filed Feb. 14th 1881

Examined by F. C. Bailey

Compared by G. Schulte and Will Gorbinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

Subdivision

of Township No. 26 S., Range No. 25 E.

of the Salt Lake Meridian in Utah Territory.

BY

Ernst Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880

Survey commenced October 8th 1880

Survey completed October 15th 1880.

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Township 26 S. R. 25 E.

26	6	119	5	94	4	77	3	62	2	47	1	3
	117		116		92		76		61		45	
25	7	114	8	91	9	74	10	59	11	44	12	4
	113		111		89		73		58		42	
23	18	110	17	87	16	72	15	56	14	40	13	5
	108		107		86		71		55		39	
22	19	105	20	84	21	69	22	53	23	38	24	7
	103		102		83		68		52		36	
21	30	100	29	82	28	66	27	51	26	35	25	8
	99		98		80		65		49		34	
20	31	95	32	78	33	63	34	48	35	33	36	10
	18		17		16		14		13		12	

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Subdivisions T. 26 S. R 25 E.

Chs. Survey commenced Oct. 8th 1880.

From the cor. to Secs. 35 & 36 on South boundary of the Tp. established by me I run North bet. Secs. 35 and 36

Var 15° 10' E.

Descend in heavy oak brush.

17.00 Enter Summit Cr. bottom Leave brush.

25.00 Summit Cr. 12 links wide, 20 in. deep runs E.

28.00 Leave bottom, Ascend Enter heavy oak brush.

38.00 Enter plateau, Leave brush.

40.00 Set porphyry 20 x 12 x 6 in. 15 in. deep, marked 1/4 on N. side, with reg. mound and pits, for 1/4 Sec. cor.

75.25 Wash drains S.E.

Subdivisions T. 26 S. R. 2

Chs.		Chs.
80.00	Set Sandstone 15×10×4 in. 10 in. deep, marked 1 notch on S. and E. edges, with reg. mound and pits, for cor. to Sect. 25, 26, 35 & 36.	40.02
	Land mountainous, and covered with heavy oak brush on 27 chains, Remainder nearly level. Soil 1st rate. No timber.	80.03

East on random line bet. Sect. 25 and 36.
Var. 15° 10' E.

40.00	Set temporary 1/4 Sec. cor.
61.00	Descend center heavy brush.
68.00	Hollow drains S.E.
70.00	Ascend
75.50	Indian trail bears N. & S.E.
80.05	Intersect E. boundary of Tp.

5.4
40.0

BOOK-A-173

R. 25 E. S. L. M.

Chs. at cor. to Sect. 25 and 36 from which I run.
West on true line bet. Sect. 25 and 36.
40.02 Set a granite stone 16x10x4 in. 12 in. deep, marked "¼ on N. side, with reg. mound and pits for ¼ Sec. cor.
80.05 The cor. to Sect. 25.26.35 and 36.
Land 1st 61 chains nearly level. Soil 1st rate.
Rest mountainous covered with heavy oak brush.

North bet. Sect. 25 and 26
Var. 15° 10' E.
5.40 Indian trail bears E. & W.
40.00 Set Sandstone 12x10x6 in. 8 in. deep, marked "¼ on N.

Subdivisions T. 26 S. R.

Chs.		Chs.
	side, with reg. mound and pits, for 1/4 Sec. cor.	20.00
61.00	Descend Enter heavy brush	40.00
67.50	Creek 2 links wide, 3 in. deep runs N.E.	41.60
75.00	Leave brush.	48.00
77.00	Trail bears N.E. & S.W.	
80.00	Set red sandstone 12×11×5 in. 8 in. deep. Marked 2 notches on S. and 1 on E. edges. with reg. mound and pits for cor. to Sect. 23. 24. 25 & 26	50.5
	Land nearly level	67.00
	Soil 1st rate.	80.00
	No timber. Heavy oak and willow brush on 1/4 chains	40.00
	Easton random line bet. Sect. 24 and 25 Var. 15° 10' E.	80.00

BOOK-A-173

R. 25 E. S.L.M.

Chs.

20.00 Dry creek N. 75° E.

40.00 Set temporary 1/4 sec. cor.

41.60 Indian trail N.W. & S.E. Ascend and enter timber.

48.00 Top of South end of low gray sandridge. Descend

50.50 Creek 4 lks. wide, 12 in. deep runs S. Ascend

67.00 Descend.

80.00 Intersect E. boundary of Tp. 10 lks N of cor. to secs. 24 and 25, from which I run. N. 89° 56' W. on a true line bet. sect 24 and 25.

40.00 Set gray sandstone 16x12x10 in. 10 in. deep, marked 1/4 on N. side, with reg. mound and pits for 1/4 sec. cor.

80.00 The cor. to secs. 23, 24, 25 & 26

Subdivisions T. 26 S. R. 2

Chs.		Chs.
	Land 1st 41.60 chains nearly level. Soil 1st rate. No timber. Remainder hilly covered with pine and quaking asp.	
	North bet. Sect. 23 and 24 Var. 15° 10' E.	
3.00	Dry wash drains E. ascend low ridge.	
11.00	Top bears E. Descend	
22.90	Buff Creek 4 links wide, 6 in. deep, runs E. Enter heavy brush.	13.20
28.00	Enter flat.	
40.00	Set gray sandstone 11x10x9 in. 8 in. deep, marked 1/4 on W. side, with reg. mounds and pits, for 1/4 Sec. cor.	17.00
		40.0
		41.0
43.00	Leave brush.	67.0
62.40	Indian trail N.W. to S.E.	79.4
80.00	Set red sandstone 16x14x10 in.	

BOOK-A-173 39

R. 25 E. S. L. M.

Chs. 12 in. deep, marked 3 notches on S. and 1 on E. edges. with reg mound and pits for cor. to secs. 13. 14. 23 & 24.
Land gently rolling.
Soil 1st rate. No timber.
Heavy brush on 20 chains.

East on random line bet. secs 13 and 24
Var 15° 10' E.

13.20 Creek 6 links wide 12 in. deep. runs S. 10° E.
17.00 Wash drains S.W. enter timber Descend
40.00 Set temporary 1/4 sec cor.
41.00 Top of low ridge. Descend.
67.00 Wash drains S.W. Ascend
79.90 Intersect E. boundy of Tp. 12 lks. N. of cor. to secs. 13 and 24

Subdivisions T. 26 S.

Chs

from which I run.
N. 89° 55' W. on true line
bet. Sect. 13 and 24

39.95 Set red sand stone 24 x 12 x 5 in
18 in. deep. marked 1/4 on N. side
with reg mound and pits, for
1/4 Sec. cor. from which.
A pine 33" dia. bears N. 29° W.
104 links dist.
A pine 7" dia bears N 8 1/2° E. 19
links dist. Both marked 1/4 S.B.T.

79.90 The cor. to Sect. 13.14.23 and 24.
Land 1st 17 chs level. Soil 1st rate.
Remainder rolling, Soil 2nd rate.
Covered with fine timber Pine and
Quaken asp.

North bet. Sect. 13 and 14
Var. 15' 10' E.

29.20 Creek 5 links wide 12 in. deep

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R. 25 E. S. L. M.

Chs. runs S. E. 2 small springs
E. 25 links. Enter timber.

40.00 Set gray sandstone 18x8x8 in.
12 in. deep, marked 1/4 on W. side.
in reg. mound of rock and
pits. for 1/4 Sec. cor. from
which.
A pine 28" dia. bears N. 12½°
W. 68 links dist.
A pine 24 in. dia bears N. 83° E.
175 links dist.
Both marked "1/4 S.B.T."
A Spring bears S. 53° W. 10
chains dist.

41.00 Wash drains S.W.

51.00 Enter S.W. end of ridge.

80.00 Set sandstone 15x12x3 in. 10
in. deep, marked 4 notches on
S. and 1 on E. edges, with reg.
mound and pits, for cor. to

Subdivisions T. 26 S.

Chs	
	Secs 11, 12, 13 and 14. from which.
	A quaken asp 7 in. dia bears
	N. 28° 30' W. 163 links dist.
	A pine 12 in. dia. bears N. 21°
	E. 206 links dist.
	Other trees too small.
	Land 1st 51 chains level.
	Balance hilly. Soil 1st rate.
	Timber — pine and Quaken asp.
	on last 50.80 chains.

East on random line.

bet. secs. 12 and 13

Var. 15° 10' E.

Ascend

18.00	Top of low ridge N.E. & S.W.
25.00	A copper stained lime stone ledge.
30.57	A pine 32 in. dia.
40.00	Set temporary 1/4 sec. cor.
45.00	Enter plateau.

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43

R. 25 E. S. L. M.

Chs.

80.12 Intersect E. boundary of Tp. 16 links N. of cor. to Sect. 12 and 13, from which I run, N. 89° 53' W. on true line bet. Sect. 12 and 13.

40.06 Set red sandstone 30×22×10" 21 in. deep, marked "¼ on N. side, with reg. mound of earth and pits, for ¼ Sec. cor. from which.

A Quaking asp 5 in. dia. bears N. 10° W. 15 links dist.

A Quaking asp 7 in. dia. bears S. 65° E. 10 links dist.

Both marked "¼ S.B.T."

80.12 The cor. to Sect 11, 12, 13 & 14

Land rolling. Soil 1st & 2nd rate.

Timber — on 80.12 chains.

Subdivisions T. 26 S.

Chs. North bet. Sect 11 and 12
Var. 15° 10' E.

Descend

8.50 Wash drains S. 55° W. Steep ascent.

16.00 Top, ascend gradually.

40.00 Set red sand stone 14x12x8 in. qua. deep, marked "¼ on W. side, with reg. mound and pits, for ¼ Sec. cor. from which A pine 36" dia. bears S. 50° E. 57 links dist.
A pine 27" dia. bears N. 79° W. 111 links dist.
Both marked "¼ S.B.T."

45.00 Top of low ridge bears N.E. & S.W.

56.50 A pine 60 in dia

80.00 Set red sand stone 38x12x10 in. 24 in. deep, marked 5 notches on S. and 1 on E. edges,

BOOK-A-173

R. 25 E. S.L.M.

Chs with reg. mound of earth and pits, for cor. to secs 1, 2, 11, and 12. from which A quaken asp 6" dia. bears N. 37° 30' E. 24 links dist. A quaken asp 14" dia bears S. 80° W. 64 links dist. A quaken asp 7 in. dia. bears S. 55° 15' E. 54 links dist.

Land rolling.
Soil 1st rate.
Timber, Pine and Quakenasp on 80.00 chains.

East on random line bet. sec 1 and 12.
Var. 15° 10' E.

Ascend
26.00 Top of ridge S.E. Descend
35.00 Leave timber.

Subdivisions T. 26 S.

Chs.
40.00 Set temporary 1/4 Sec. cor.
52.00 Enter oakbrush.
80.20 Intersect E. boundy of Tp. 21 links N. of cor. to Sect. 1 and 12, from which I run N. 89°51' W. on true line bet. Sect. 1 and 12.
40.10 Set gray sandstone 20×12×5 in. 15 in. deep, marked 1/4 on N. side with reg. mound of earth and pits, for 1/4 Sec. cor.
80.20 The cor. to Sect. 1, 2, 11 ~~and~~ 12.
Land rolling, Soil 1st rate.
Timber - pine and quaken asp on 1st 35.00 chains.
Heavy oakbrush on last 28.00 chains.

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R. 25 E. S. L. M.

Chs.	
	North on a true line bet. Secs. 1 and 2
	Var. 15° 10' E.
	Ascend gradually.
30.00	Top of ridge S.E. and N.W.
	Descend gradually, Leave timber, Enter brush.
34.00	Leave brush.
40.00	
60.40	S.E. point of rocky ridge.
80.20	Intersect N. boundary of Tp. ~~15 links W. of~~ at standard cor. to Secs. 1 and 2 ~~from which I run.~~ ~~South 6' W. on true line bet. Secs. 1 and 2~~
40.00	Set gray sandstone 14×10×6 in. rain deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 sec. cor. An oak 8" dia. bears N. 10°

Subdivisions T. 26 S.

Chs. ~~E. 19 [illegible]~~

E. 19 lks dist. Marked 1/4 S. B.T.

~~80.20 The cor. to Secs. 1, 2, 11 and 12.~~

Land rolling. Soil 1st rate.

Timber – pine and quakenasp and heavy oak brush on 1st

34.00 chains.

✓ October 8th 1880.

October 9th 1880.

From cor. to Secs. 34 and 35 on S. boundary of Township I run,

North bet. Secs 34 and 35

Var. 15°10' E.

8.00 Leave plateau, Descend. Enter brush,

19.00 Summit Creek 15 links wide 18" deep, runs E. Ascend.

37.00 Enter plateau, Leave brush.

R. 25 E. S. L. M.

Chs	
40.00	Set granite stone 20×14×8 in. 15 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 Sec. cor.
41.00	Indian trail E. & W.
80.00	Set red sandstone 18×14×12 in. 12 in. deep. Marked 1 notch on S. and 2 on E. edges, with reg. mound of earth and pits for cor. to Secs. 26, 27, 34, and 35. Land 1st 8. and last 43. chains nearly level Soil 1st rate. Remainder mountainous, covered with heavy oakbrush. Soil 2nd rate.

✓

East on random line bet. Secs. 26 and 35
Var 15° 10' E.

✓

Subdivisions T. 26 S.

Chs
20.00 Wash drains N.E.
30.00 Enter grove of timber.
40.00 Set temporary 1/4 Sec. cor.
46.92 Indian trail bears N.E. & S.W.
77.00 Leave timber.
80.18 Intersect N. & S. line 10 links
S. of cor. to Sec. 25. 26. 35 & 36.
from which I run.
S. 89° 56' W. on true line
bet. Sec. 26. and 35.
15.80 Oak 16" dia.
40.09 Set red sandstone 18 x 14 x 10 in.
12 in. deep, marked 1/4 on N. side
with reg. mound of earth
and pits for 1/4 Sec. cor.
from which
An oak 14" dia. bears N. 86° 30' E.
74 links distant
Marked "1/4 S. B. T."
80.18 The cor. to Sec. 26. 27. 34 & 35

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R. 25 E. S.L.M.

Chs. Land sloping gently to S.E.
Soil 1st rate, Timber - oak and
quaken asp on 47.00 chains.

North bet. Secs. 26 and 27
Var. 15° 10' East.

40.00 Set red sandstone 16×14×12
in. 10 in. deep, marked 1/4 on
W. side, with reg. mound of
earth and pits, for 1/4 Sec.
cor.

46.00 Enter Quaken asp grove.

80.00 Set charred quaken asp post
5×5" 4 feet long. 2 feet deep,
marked 2 notches on S. & E. edges
with reg. mound of earth and
pits for cor. to secs. 22. 23. 26
and 27.

A quaken asp 10" dia bears N. 4 links dist
" " 15" " " S. 80° E. 13 " "

52

Subdivisions T. 26 S. R.

Chs		Chs.
	Land level, soil 1st rate. Timber – Quakenash and oak on 34.00 chains.	40.1
	East on random line bet. Sects. 23 and 26 Var. 15° 10' E.	
17.50	Creek 3 links wide 4" deep runs N.E.	
40.00	Set temporary 1/4 Sec. cor.	
50.00	Leave timber, Enter oak brush.	
57.00	Descend gradually.	80.2
65.00	Creek 4 links wide 3" deep runs S. Springs head N.W. 7 chains. Enter lower flat.	
75.00	Leave brush.	
80.24	Intersect N. & S. line 16 links S. of cor. to Sects. 23, 24, 25 & 26 from which I run. S. 89° 53' W. on true line.	

BOOK-A-173 53

R. 25 E. S.L.M.

Chs. bet. Sect. 23 and 26.

40.12 Set charred quakenasp post 4x4" 4 feet long, 2 feet deep, marked "4 S. on N. side, with reg. mound of earth and pits for 1/4 Sec. cor. from which A quakenasp 16" dia bears N 85° 30' W. 25 links distant, A quakenasp 10" dia. bears S. 60° E. 15 links distant. Both marked "1/4 S.B.T."

80.24 The cor. to Secs. 22, 23, 26 and 27.

Land gently rolling, Soil 1st rate. Timber - Quakenasp and Oak on 50 chains. Heavy brush on 25 chains.

North bet. Sect. 22 and 23 Var 15° 10' E.

Subdivisions T. 26 S.

Chs Descend

8.50 Enter lower flat.

9.25 Beef creek 4 links wide 6 in. deep runs E.

19.00 Creek 3 links wide 3 in. deep runs S.E.

25.00 Enter E. side of low hills.

39.00 Wash drains S.E.

40.00 Set red sandstone 20 x 13 x 8 in. 15 in. deep, marked 1/4 on W. side, with reg mound of earth and pits for 1/4 Sec. cor.

56.00 Leave hills and timber, Enter lower flat and heavy brush.

80.00 Set red sandstone 18 x 14 x 6 in. 12 in. deep, marked 3 notched on S. and 2 on E. edges with reg. mound of earth and pits for cor. to Secs. 14, 15, 22 and 23.

✓

BOOK-A-173 55

R. 25 E. S.L.M.

Chs. Land on 39.50 chains rolling, Remainder level Soil 1st rate. Timber oak and quakenaspe on 56 chains.

East on random line bet. secs. 14 and 23.
Var. 15° 10' E.

24.40 Creek 1 link wide 2 in deep runs N.E.
26.00 Leave brush.
40.00 Set temporary 1/4 sec. cor.
65.50 Trail bears N. & S.
80.08 Intersect N. & S. line at cor. to secs. 13 14 23 and 24 from which I run.
West on true line bet. secs. 14 and 23.
40.04 Set red sandstone 15x12x6 in. (in small quakenaspe grove) 10 in. deep, marked 1/4 on N. side,

Subdivisions T. 26 S.

with reg. mound of earth and
pits, for 1/4 Sec. cor.
Quaken asp 6" dia. bears S. 85°
E. 7 links distant.
Quaken asp 6" dia. bears N. 15° E.
8 links distant.
Both marked 1/4 S.B.T."
80.00 The cor. to Secs. 14, 15, 22 & 23
Land level. Soil 1st rate.
Timber - some quaken asp
and oak along 1st 40.00 chs.
Heavy oakbrush on 1st 26 chs.
✓

North bet. Secs. 14 and 15
Var. 15° 10' E.
17.60 Dry creek runs E. Ascend
E. end of low hill
35.00 Top 5 chains E at foot of
hill a spring. Descend
40.00 Setred sandstone 14x12x10 in.
✓

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R. 25 E. S.L.M.

Chs 10 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 Sec. cor.

43.40 Dry creek drains E. Leave brush, enter flat.

59.50 Enter quakenasp and heavy brush,

63.00 Creek 2 links wide 3 in. deep runs E.

80.00 At E. end of foot of hill Set porphyry 16 x 9 x 8 in. 10 in. deep, marked 1/4 notches on S. and 2 on E. edges, with reg. mound of earth and pits for cor. to Secs 10. 11. 14 and 15.

Trees too small to mark

Land gently rolling, Soil 1st rate

Timber – Quakenasp on last 20.50 chains. Heavy brush

Subdivisions T. 26 S.

Chs		
	and undergrowth on 1st 43.40 chains, and last 20.50 chains.	
	East on random line bet. secs. 11 and 14 Var. 15° 10' E.	
21.20	Creek 5 links wide 10" deep runs S.E. Leave brush.	
35.00	Indian trail bears N. & S. Ascend gradually.	
40.00	Set temporary 1/4 Sec cor.	
58.00	Enter timber.	
70.00	Descend	
74.50	Hollow drains S.	
79.90	Intersect N. and S. line 14 links N. of cor. to secs. 11, 12, 13 and 14 from which I run. N. 89° 54' West on true line bet. secs 11 and 14	

BOOK-A-173 - 59

R. 25 E. S.L.M.

Chs.

39.95 Set gray sandstone 14x13x1 in. 10 in. deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor.

79.90 The cor. to Secs 10.11. 14 and 15
Land 1st 40.00 chains level.
Remainder rolling, Soil 1st rate. Timber-pine and Quaking asp, on last 21.90 chains.
Heavy oak brush on 1st 21.20 chains.

North bet. Secs. 10 and 11
Var. 15° 10' E.

5.00 Leave brush and Quakingasp
19.00 Enter a grove of "
20.20 Creek 3 links wide 6 in. deep, runs S.E.
23.00 Leave Quakingasp.

Subdivisions T. 26 S.

30.00 Ascend. Enter heavy oak-brush.

40.00 Set porphyry 12×10×6 in. 8 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 Sec. cor.

45.00 Top of E. end of ridge. Descend.

63.50 Wash drains E.

75.00 " " N.E.

80.00 Set red sandstone 12×12×4 in. 8 in. deep, marked 5 notches on S. and 2 on E. edges with reg. mound of earth and pits, for cor to secs. 2, 3, 10 and 11

Land rolling, Soil 1st rate.

Timber - Quakenasp on 9. chs.

Heavy brush on 1st 5 and last 50 chains.

R. 25 E. S. L. M.

Chs.	
	East on random line bet. Secs. 2 and 11 Var 15° 10' E.
10.00	Wash drains N.E.
15.00	Hollow drains N Spring in hollow 15 chains South, Leave brush.
17.30	Indian trail bears N. & S. Ascend
40.00	Set temporary 1/4 Sec. cor.
45.00	Top of low ridge bears N and S. Descend
59.00	Enter timber. Ascend
67.00	Top of Low ridge N. & S. Descend
79.88	Intersect N. & S. line 24 links N of cor. to Secs. 1, 2, 11 and 12 from which I run. N 89° 50' W. on true line

Subdivisions T. 26 S.

Chs	
	bet. Secs. 2 and 11
39.94	Set gray sandstone 16×10×5 in. 10 in. deep, marked 1/4 on N. side, with reg. mound of erth and pits for 1/4 Sec. cor.
79.88	The cor. to Secs. 2, 3, 10 & 11
	Land rolling. Soil 1st & 2nd rate
	Timber – Quakenasp and pine on last 20.88 chains.
	Heavy oakbrush on 1st 15. chains.

North on ~~random~~ true line bet. Secs. 2 and 3

Var. 15° 10' E.

In heavy brush.

32.00	Hollow drains N.W. Assay
40.00	Set red sandstone 20×16×4 in. 15 in. deep, marked 1/4 on W. side, with Reg. mound of earth & pits for 1/4 sec. corner.
55.00	Top of low ridge bears N.W. and S.E. Descend

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R. 25 E. S.L.M.

Chs.	
77.00	Hollow drains N.W. Leave brush.
78.80	Indian trail bears N.W.
79.94	Intersect N. boundary of Tp. ~~16 links E. of~~ at standard cor. to Secs. 2 and 3,

Land rolling, soil 1st & 2d rate

Heavy Oak brush on 1st 77 chs.

Note: At this point I take an observation of the North star, & find that the line last run agrees with the meridian obtained.

Octo ten 10th 1880

Oct 11th 1880.

From cor. to Secs. 33 and 34 on S. boundary of Township Trun.

North bet. Secs 33 & 34

Subdivisions T. 26 S.

Chs. Var. 15° 10' E.

In heavy brush. Descend.

29.20 Summit creek 12 links wide 12 in. deep, runs E. Ascend.

40.00 Set sandstone 20 x 12 x 8 in. 15 in. deep, marked "4 on N. side, with reg. mound of earth and pits for "4 Sec. cor.

46.50 Enter timbered plateau.

65.00 E end of high ridge

80.00 Set charred quakenasp post 4 x 4" 4 feet long, 2 feet deep, marked 1 notch on S. and 3 on E. edges, with reg. mound and pits for cor. to Sect. 27, 28, 33 & 34.

A Quakenasp 12" dia, bears N. 73° W. 14 links dist.

A quakenasp 12 in. dia, bears S. 18° 45' W. 33 links dist.

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R. 25 E. S.L.M.

Chs. A quakenasp 6" dia. bears N. 74° 30' E. 34 links dist.
A quakenasp 10" dia. bears S. 46° 15' E. 25 links distant.
Land last 33.50 chains level.
Soil 1st rate.
Remainder mountainous,
Timber - Quakenasp and pine on last 33.50 chains,
Heavy oakbrush and young Quakenasp's on 1st 46.50 chs.

East on random line bet. Secs. 27 and 34
Var. 15° 10' E.

40.00 Set temporary 1/4 Sec. cor.
62.00 Leave timber.
80.10 Intersect N. and S. line 18 links S. of cor. to Secs. 26 27, 34 and 35, from which I run

Subdivisions T. 26 S.

Chs. S. 89° 52' W. on the line bet. Sect. 27 and 34

40.05 Set charred quaking asp post. 4x3", 4 feet long, 2 feet deep marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor. Trees near by killed by fire

80.10 The cor. to Sects. 27, 28, 33 & 34 Land sloping E. Soil 1st rate Timber oak and Quaking asp on 1st 62.00 chains.

North bet. Sect. 27 and 28
Var. 15° 10' E.

10.00 creek 3 links wide 4 in. deep heads N.W. runs N.E. Leave heavy timber. Ascend entering

40.00 Set red sandstone 14x17x6 in. 10 in. deep, marked 1/4 on W. side

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R. 25 E. 6 S. L. M.

Chs. with reg. mound of earth and pits for 1/4 Sec. cor.
A quakenasp 6" dia. bears N. 14° W. 25 links, distant.
Marked "1/4 S.B.T."

60.00 Top of ridge bears N.E. and S.W. Enter timber, Descend.

80.00 Foot of ridge.
Set charred quakenasp post 4x4" 4 feet long, 2 feet deep, marked 2 notches on S. and 3 on E. edges, with reg. mound of earth and pits for cor. to Secs. 21, 22, 27 and 28.
A quakenasp 16" dia. bears N. 75° E. 12 links
" " 14" " " N. 40° W. 35 "
An oak 16" " " S. 5° E. 20 "
A quakenasp 6" " " S. 85° W. 22 "
Land rolling Soil 1st and 2nd rate.
Timber quakenasp, pine, and oak
on 1st 10.00 chains. and last 20 chs.

Subdivisions T. 26 S.

Chs. Remainder is covered with high oak brush and young quakenasps.

East on random line bet. Secs. 22 and 27
Var. 15° 10' E.

40.00 Set temporary 1/4 Sec. cor.
57.00 Descend, Leave timber, Enter heavy undergrowth.
70.25 Beef creek 4 links wide 4' deep runs N.E. Ascend.
78.00 On top, leave heavy brush, enter quakenasp grove.
79.95 Intersect N. & S. line 1 B links S. of cor. to Secs. 22, 23, 26 & 27 from which I run
S. 89° 54' W. on true line bet. Secs 22 and 27
39.97 Set charred quakenasp post

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R. 25 E. S. L. M.

Chs. 4×4" 4 feet long. 2 feet deep marked 1/4 S. on N. side, with reg. mound of earth and pits for 1/4 Sec. cor. from which A quakenasp 12" dia. bears N. 10° E. 5 links distant.
A quakenasp 15" dia. bears S. 45° W. 15 links dist.
Both marked "1/4 S. B. T."

79.95 The cor. to secs. 21, 22, 27 & 28
Land sloping E. 1st 57 chains nearly level. Remainder rolling. Soil 1st rate. Timber quakenasp, some pine and oak on 1st 57 chains and last 1.95 chains, Balance covered with oakbrush & young quakenasp.

c North bet. Secs 21 & 22
Var. 15° 10' E.

70

Chs Subdivisions T. 26 S.

40.00 Set charred quakenasp post 4x4" 4 feet long, 2 feet deep, marked "1/4 S. on W. side, with reg. mound of earth and pits for 1/4 Sec. cor. from which
A quakenasp 10" dia. bz. S 70° W 12 links
" pine 14" " " N 23° E 10 "
Both marked "1/4 S. B.T."

69.00 Descend Leave timber, Enter heavy brush,

78.75 Cross 2 links wide 2" deep, runs N. 80° E.

80.00 Set red sand stone 14x12x8 in. 10 in. deep, marked 3 notches on S. & E. edges with reg. mound of earth and pits for cor. to Secs 15, 16, 21 & 22
Land gently rolling. Soil 1st rate
Timber - quakenasp and pine
on 69 chains

3.0
15.
18.
40.
65.
79
39.

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R. 25 E. S.L.M.

Balance covered with heavy brush.

East on random line bet. Secs. 15 & 22
Var. 15° 10' E.

3.00 Creek 2 links wide 2" deep,
15.50 Leave some, runs N. 85° E.
Leave brush. Enter a spring bottom.
18.50 Leave same. Line runs along N. foot of hill.
40.00 Set temporary 1/4 Sec. cor.
65.00 Leave hills bear S.E.
79.90 Intersect N. & S. line 1/4 marks N. of cor to Secs 14, 15, 22 & 23 from which I run
N. 89° 55' W. on true line bet. Secs 15 & 22. Var 15° 10' E.
39.95 Set porphyry 17x10x10 in. 12 in. deep marked 1/4 on N. side, with reg.

Subdivisions T. 26 S.

Chs.	
	mound of earth and pits for 1/4 Sec. cor, from which A quakenasp 7" dia. bears N. 33° W. 55 links dist.
	Marked "1/4 S. B. T."
79.90	The cor. to Secs 15, 16, 21 and 22
	Land Sloping E. Soil 1st rate
	No timber. Heavy willow ~~and~~ brush and young quakenasp on 1st 15.50 chains

North bet. Secs. 15 and 16
Var 15° 10' E.

	Ascend in heavy brush and young quakenasp.
5.00	On top. Enter plateau.
17.00	Leave brush and quakenasp.
29.00	Enter timber.
35.54	Oak 15 in" dia. Leave timber.
40.00	Set red sandstone 16×11×10 in.

BOO

R.

Chs

59.0

76.0

80.0

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R. 25 E. S.L.M.

Chs 10 in. deep marked 1/4 on W. side with reg. mound of earth and pits, for 1/4 Sec. cor.

59.00 Descend

76.00 Enter creek bottom.

80.00 Set red sandstone 24×10×10 in. 18 in. deep, marked 4 notches on S. and 3 on E. edges, with reg. mound of earth and pits, for cor to secs. 9, 10, 15 and 16. Land 1st 59 and last 4 chains level. Remainder hilly, soil 1st rate. Timber quakenasp and oak on 6.54 chains. Heavy oak brush and young quakenasp on 1st 17 chains.

October 11th 1880.

October 12th 1880

East on random line bet. secs 10 and 15

Var 15° 10' E.

Subdivisions T. 26 S.

Chs
7.00 Leave bottom, Ascend gradually.
40.00 Set temporary 1/4 Sec. cor.
42.00 On top.
58.00 Descend in heavy oakbrush
80.22 Intersect N. & S. line 25 links
N. of cor. to secs 10, 11, 14 and 15
from which I run.
N. 89° 49' W. on true line
bet. secs. 10 and 15,
40.11 Set porphyry stone 14x10x8 in.
10 ins. deep, marked 1/4 on N. side
with reg. mound of earth and
pits, for 1/4 sec. cor.
80.22 The cor. to secs. 9.10.15 and 16
Land, rolling, Soil 1st rate
No timber. Heavy brushwood 2222 chs.

North bet. Secs. 9 & 10
Var. 15° 16' E.

0.90 Creek 3 links wide, 6 ins. deep,

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R. 25 E. S.L.M.

Chs. runs N. 80° E.

5.00 Leave bottom, Ascend in heavy brush.

15.00 Enter plateau, Leave brush.

40.00 Set porphyry 20 × 9 × 8 ~~17 × 14 × 12~~ in. 15 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 sec. cor.

80.00 Set porphyry 20 × 9 × 8 in 15" deep, marked 5 notches on S. and 3 on E. edges with reg. mound of earth and pits, for cor. to secs. 3. 4. 9 and 10

Land 1st 5 and last 65 chs. level. Remainder mountainous, covered with heavy oak brush. Soil 1st rate. No timber.

Subdivisions T 26 S.

Chs. East on random line
bet. Secs. 3 and 10
Var. 15° 10' E.

33.00 Descend. Enter oak brush.
38.00 Hollow bears N.E. Ascend
40.00 Set temporary 1/4 Sec. cor.
46.00 Enter plateau, leave brush.
75.00 Enter heavy brush
80.15 Intersect N. & S. line 2 3 line
N. of cor. to secs 2, 3, 10 and 11
from which Iron,
N. 89° 50' W. on true line
bet. Secs. 3 and 10.
40.07 Set porphyry 12 x 10 x 8 in. 8 in.
deep, marked 1/4 on N. side
with reg. mound of earth and
pits for 1/4 Sec. cor.
80.15 The cor. to secs. 3, 4, 9 and 10.
Land 1st 33. and last 34.15 ch.
level. Soil 1st rate. Remainder

35.0
40.0
45.0
79.4
79.4

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R. 25 E. S.L.M.

Chs. Mountainous, covered with heavy oakbrush, soil 2nd rate.

North on true ~~random~~ line bet. secs. 3 and 4

Var. 15° 10' E.

35.00 Descend in heavy brush.

40.00 ~~Set temporary 1/4 sec. cor.~~

45.00 Enter lower plateau, Leave brush.

79.75 Intersect N. boundary of Tp. ~~21 links E. of~~ at standard cor. to secs. 3 and 4 ~~from which I run.~~

~~S. 9' E. on true line bet. secs. 3 and 4~~

Set porphyry 25×20×5 in, 18 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits, for 1/4 sec. cor.

~~79.75 The cor. to secs. 3, 4, 9 and 10~~

Subdivisions T. 26 S.

Chs		Chs.
	Land 1st 35 chains and last 34.75 chains gently rolling. Remainder Mountainous, covered with heavy brush, Soil 1st rate, A few pines on lower plateau.	
	From cor. to Secs. 32 & 33 on S. Boundary of Tp. I run.	68.0
	North bet. Secs. 32 & 33 Var. 15°10' E.	70.2
	Descend	71.5
18.00	Enter bottom, Leave heavy timber.	
19.10	S. branch of summit creek 4 links wide 6" deep, runs E.	80.0
23.00	Leave bottom, Ascend. Enter quakenasps.	
40.00	Set granite stone 22×16×10 in. 15 in. deep, marked 1/4 on W. side, with reg. mound and pits, for 1/4 Sec. cor.	

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R. 25 E. S. L. M.

Chs. from which.
A quakenasp 14" dia. bears S. 63° W. 18 links dist.
A quakenasp 15" dia. bears S. 52° 30' E. 24 links dist.
Both marked 1/4 S. B. T.
Descend. Enter heavy pine timber.
68.00 Enter bottom.
70.25 N. branch of summit creek 7 links wide 10" deep, run S.E.
71.50 Ascend. Leave heavy pine timber. Enter quakenasps.
80.00 Set charred quakenasp post 4x4" 4 feet long. 2 feet deep marked 1/4 notch on S. and W. on E. edges, with reg. mound of earth and pits, for cor. to secs 28, 29, 32 and 33 from which.

Subdivisions T. 26 S.

Chs. A quakenasp 7" dia. bears N. 14° W. 15 links dist.

A quakenasp 8" dia. bears S. 32° 30' W. 28 links dist.

A quakenasp, 7" dia. bears S. 5° E. 50 links dist.

Land mountainous, Soil 1st and 2nd rate. On places rocky. Heavy pine timber—balsam, fir, and spruce on 49.50 chains. Remainder covered with quakenasps.

East on random line bet. Secs. 28 and 33

Var. 15° 10' E.

Ascend

40.00 Set temporary 1/4 Sec. cor.

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

Descend Enters heavy pine timber.

BOO

R.

Chs

80.10

40.0

80.1

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Rg. 25 E. S.L.M.

Chs.
80.10 Intersect N. and S. line 11 links N. of cor. to secs. 27.28.33 & 34 from which I run
N. 89° 55' W. on true line bet. secs 28 and 33
var 15° 10' E.
40.05 Set charred quakenaspe post 3x4" 4 feet long 2 feet deep, marked "4 S. on N. side, with reg. mound of earth and pits for "4 sec. cor. from which
A quakenaspe 10" dia. bears N. 36° W. 8 links
" " 8" " " S. 15° W. 20 "
Both marked "4 S.B.T."
80.10 The cor. to secs. 28.29.32 & 33
Land mountainous, Soil 2nd rate.
Timber - quakenaspe on 1st 45. chains, Remainder various species of pines, balsam, fir, and spruce.

Subdivisions T. 26 S.

Chs. North bet. Secs. 28 and 29
Var. 15° 10' E.

Ascend

35.00 Top of ridge bears S.E. N.W.
Descend, Enter high, dense,
pine timber.

40.00 Set granite stone 12x10x8 in.
8 in. deep, marked "4 on W. side
with reg. mound of earth and
pits, for 1/4 Sec. cor. from which
A balsam pine 6" dia. brs. N. 24° E. 6 links
" " " 10" " " S. 45° W. 28 "
Both marked "4 S.B.T."

80.00 Set granite 14x9x8 in. 10 in.
deep, marked 2 notches on
S. and 4 on E. edges, with
reg. mound of earth and pits
for cor. to secs 20, 21, 28 and 29.
A balsam 14" dia. bs. S. 43° W. 26 links
" " 12" " " N. 10° E. 48 "

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R. 25 E. S.L.M.

Chs. Abalsam 15" dia. bs. N. 65° W. 110 links
" quakenasp. 10" " " S 47½° E. 45 "
Land mountainous; Soil 2nd rate. Timber – quakenasp on 1st 35 chains, pine, balsam, red and white pine, and quakenasp on remainder.

Easton random line bet. Sect. 21 and 28
Var. 15° 10' E.

Descend

8.00 " gradually
40.00 Set temporary 1/4 Sec. Cor.
47.00 Descend
48.50 Enter lower plateau.
73.00 Descend
75.00 Enter lower plateau.
80.00 Intersect N. and S. line, 21 links N. of cor. to secs 21, 22, 27 and 28.

Subdivisions T. 26 S.

Chs from which I run.
N. 89° 51' W. on true line
bet. secs. 21 and 28.

40.00 Set charred pine post 4×4" 4 feet long. 2 feet deep, marked 1/4 S. on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor. from which
A pine 24" dia. bs. N. 62 1/4° E. 35 links
" " 20" " " South. 60 "
Both marked 1/4 S.B.T.

80.00 The cor. to secs 20, 21 28 and 29.
Land rolling, Soil 1st rate, Timber quaken asps and pine, yellow, red and balsam, on 80.00 chains.

North ~~on true line~~
bet. secs 20 and 21
Var. 15° 10' E.

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85

R. 25 E. S.L.M.

Chs. Descend

5.00 Descend gradually.

40.00 Set charred quakemasp post 3x4" 4 feet long, 2 feet deep, marked "4 S." on W. side, with reg. mound of earth and pits for "4 Sec. cor."
A pine 10" dia bs. N. 6½° W. 32 links
" " 12" " " S. 50° E. 25 "
Both marked "4 S.B.T."
Several small springs w/chs East.

64.00 Descend

75.75 Creek 3 links wide 3 in. deep runs E. in canon. Ascend.

80.00 Set gray sandstone 16x12x4 in. 10 in. deep, marked 3 notches on S. and 4 on E. edges, with reg. mound of earth and pits, for cor to Secs. 16, 17, 20 and 21. from which.
A balsam pine 15" bs. N. 40° W. 74 links

Subdivisions T. 26 S.

Chs. A balsam 10" dia bs. S. 37° E. 85 links
" quakemasp 6" " " S. 17° W. 10 "
Land rolling. Soil 1st rate.
Timber – quakemasp and
pine – yellow, red and balsam.
on 80.00 chains

October 12th 1880

October 13th 1880

East on random line
bet. Secs. 16 & 21
Var 15° 10' E.
On S. side of ridge, Descend
gradually.
40.00 Set temporary 1/4 Sec. cor.
63.00 A small spring 50 links S.
of line.
75.00 Leave timber.
79.85 Intersect N. & S. line 9 links
N. of cor. to Secs. 15, 16, 21 & 22.

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N 25 E S.L.M.

Chs. from which I run.
N. 89° 56' W. on true line.
bet. sect. 16 and 21.

39.92 Mark stationary gray sand stone 6x4x1½ feet above ground marked "4 on N. side, for "4 sec. cor from which
Aquakenash 15" bears S. 83° W. 16 links
" " "4" " N. 57° E. 18 "
Both marked "4 S.B.T."

79.85 The cor. to sects. 16, 17 20 and 21
Land rolling. Soil 3rd rate rocky. Timber mostly quaking aspe. Some balsam pine along creek.

North bet. sects. 16 and 17.
Var 15° 15' E.

Ascend

180.0 Enter upper plateau.

Subdivisions T. 26 S.

Chs	
40.00	Set charred quakenasp post (~~charred~~) 4×4", 4 feet long. 2 feet deep, marked 1/4 S. on W. side, with reg. mound of earth and pits for 1/4 sec. cor. from which
	A quakenasp 10" dia bs. N 15½° E. 36 lks
	" pine 15" " " S. 24° E. 52 "
	Both marked 1/4 S. B. T.
45.00	Descend.
63.00	Enter creek bottom.
68.50	Creek 4 links wide 6" deep, runs E.
	Ascend gradually, Leave heavy pine timber.
80.00	Set porphyry stone 16×11×10 in. 12 in. deep, marked 4 notches on S. and E. edges, with reg mound of earth and pits for cor. to secs. 8. 9. 16 and 17
	A quakenasp bs. S. 4° W. 86 links
	No other trees.

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R 25 E S.L.M.

Cht. Land rolling, Soil 1st and 2nd rate. Timber mostly quakenasp and some balsam and yellow pine on 1st 68.50 chains.

East on random line bet. Sec. 9 and 16
Var. 15°10' E.

0.50 Gulch drains S. Ascend, Enter scattering timber, with heavy undergrowth.
9.00 Descend
18.50 Gulch drains S. Ascend
28.00 Descend along south side of ridge.
40.00 Set temporary 1/4 Sec. cor.
54.50 Gulch drains S.E. Enter bottom leave bush.
65.10 Creek 4 links wide, 6" deep, runs E.

Subdivisions T. 26 S.

Chs. Enter heavy willow brush and young quakenaspes.

74.00 Leave creek runs N. 80° E. and brush.

79.82 Intersect N. & S. line 14 links S. of cor. to Sect. 9.10.15 & 16 from which I run.

S. 89° 54' West on true line bet. Sect. 9 & 16.

39.91 Set red sandstone 16x12x10 in. 10 in. deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor.

79.82 The cor. to Sects. 8. 9. 16 & 17

Land 1st 40.00 chains Mountainous last 25.50 chains level. Remaining rolling Soil 1st & 2nd rate Timber — some quakenaspes and pine on 1st 54.50 chs. Heavy brush and undergrowth

20.0

22.0

23.0

33.0

38.0

40.0

45.0

57.0

BOOK-A-173

R. 25 E. S.L.M.

Cas. on 63.40 chains.

North bet. Secs. 8 and 9
Var 15° 10' E.

Ascend gradually.

20.00 Enter quaking asp grove.

22.00 Leave " "

23.00 Descend Enter heavy brush.

33.50 Dry creek drains N.E. Ascend
Leave brush.

38.50 Top of ridge bears N.E. and S.W.
Descend Enter brush.

40.00 Set gray sandstone 16x12x10
in. 10 in. deep, marked 1/4
on W. side, with reg. mounds
and pits for 1/4 Sec. cor.

45.00 Hollow drains N.E. Leave
brush. Ascend

57.00 Top of ridge bears N.E.
Descend, enter oak brush.

Subdivisions T. 26 S.

Chs	
70.00	Beaver pond in creek 80 links wide, 3 feet deep, creek runs N.E.
70.80	Leave creek Ascend
72.00	Leave brush.
76.00	Enter plateau
80.00	Set gray sand stone 20×15×12 in. 15 in. deep, marked 5 notches on S. and W on E edge, with reg. mound of earth and pits for cor. to Sec. 4, 5, 8 and 9.
	Land mountainous, Soil 1st and 2nd rate, Heavy timber, Quakewasp on 2 chs Heavy brush on 32 chains Some balsam firs along the creek.

East on random line bet. Sec 4 and 9

Chs.
6.00
22.00
29.60
34.00
36.00
40.00
53.50
63.00
79.7
39.87

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1

R. 25 E. S.L.M.

Chs.	Var 15° 10' E.
6.00	Enter heavy brush Descend.
22.00	" bottom, leave brush
29.60	Creek 8 links wide, 12' deep runs N.E.
34.00	Leave bottom, Ascend in heavy brush,
36.00	Enter lower bench.
40.00	Set temp. 1/4 sec. cor.
53.50	Ascend
63.00	Enter plateau, Leave heavy brush.
79.75	Intersect ~~N.S. line~~ 18 links S. of cor. to secs. 34, 9, and 15, from which I run. S. 89° 52' West on true line bet. secs. 9 and 4
39.87	Set red sandstone 18x16x14 in. 12 in. deep, marked 1/4 on N. side, with reg. mound of earth and pits for 1/4 Sec. cor.

Subdivisions T. 26 S.

Chs. 79.75 The cor. to secs. 4.5.8 and 9, Land rolling, Soil 1st and 2nd rate, Timber some scattering quaken asp along line, balsam pines along creek. Heavy oak brush on 43 chs.

North on a true line bet. secs. 4 and 5
Var 15° 10' E.

16.50 Descend Enter heavy brush.
20.00 Beaver pond 3 feet deep.
21.20 Leave " creek runs N.W.
30.50 Lost creek 8 links wide, 10" deep, runs N.E.
40.00 ~~Set temporary 1/4 sec. cor.~~
79.60 Intersect N. boundary of Tp. ~~25 links E. of~~ at the standard cor. to secs 4 and 5. ~~from which I run S. 4' E. on true line~~

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R 25 E. S.L.M.

Chs. ~~bet. Secs. 4 and 5~~

~~79.60~~ Set gray sandstone 20x12x10 in. 15 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 Sec. cor.

79.60 ~~The cor. to Secs. 4, 5, 8 and 9.~~

Land rolling. Soil 1st rate. Timber - A few pines and quakenasps on last 40.00 chs. Heavy oak and willow brush on last 63.10 chains

October 13/80.

October 14th 1880

From cor. to Secs. 31 and 32 on S. boundary of Tp. I run.

North bet. Secs 31 and 32

Var. 15° 10' E.

Descend.

Note: At this point I made an observation of the north star, and find that the line last run agrees with the meridian time attained.

96

Subdivisions T. 26 S.

Chs.	
5.00	Gulch drains S.E. Ascend. Enter quakemasp.
12.00	Top of high ridge bears S. 75° E. Descend. Enter heavy pine timber.
27.50	Creek 2 links wide 3 in. deep, runs N.E. bears S.W. 6 chains.
34.50	Creek 3 links wide, 3 in. deep, runs S.E. Ascend
40.00	Set granite stone 14×12×6 in. 8 in. deep, marked "1/4 on W. side, with reg. mound of earth and pits for 1/4 Sec corner from which
	A balsam pine 12" dia. bears S. 65° 30' E. 95 links.
	A quakemasp 8" dia. bears N. 3° W. 12 links dist.
	Both marked 1/4 S.B.T.

BOO

R

Chs.

59.00

80.00

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R. 25 E. S.L.M.

Chs. Leave pine. Enter quakenasps

59.00 Top of ridge, bears S.75° E.
Descend. Enter heavy pine timber.

80.00 Set granite stone 21x14x10 in. 15 in. deep, marked 1 notch on S. and 5 on E. edges with reg mound of earth and pits for cor. to secs. 29. 30. 31 and 32.
from which
A balsam 14" dia. bears N.18° W. 52 links
" " 16" " " S.40½° E. 68 "
" red pine 16" " " N.56° E. 45 "
" quakenasp 12" " " S.27° W. 12 "
Land mountainous, Soil 2nd rate, rocky in places, Heavy pine timber—balsam, red and white pine on 49.00 chains quakenasps on remainder.

Subdivisions T. 26 S.

Chs. East on random line
bet. Sect. 29 and 32
Var 15° 10' E.

Descend

40.00 Set temporary 1/4 Sec. cor.

62.00 Enter bottom. Leave heavy timber.

67.60 N. branch of summit creek
6 links wide 12" deep, runs S.E.

72.00 Leave bottom. Ascend. Enter
quaternaspes.

79.85 Intersect N. and S. line 14
links S. of cor. to Sect. 28. 29.
32 and 33 from which I run.
S. 89° 54' West on true line
bet. Sect 29 and 32

39.92 Set granite stone 18x12x8 in.
12 in. deep, marked 1/4 on N.
side, with reg. mound of earth
and pits for 1/4 Sec. cor.
from which

Chs.

26.0

40.0

69.0

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R. 25 E. S.L.M.

Chs. A quakenasp 10" dia. bs. S. 52° W. 16 links
A balsam 15" " " S. 74½ E. 66 "
Both marked "W S.B.T."
Land mountainous. Soil 1st and 2nd rate, rocky in places
Timber - heavy pine and quakenasp on 1st 62 chains
Quakenasp on last 7.85 "

West on random line.
bet. Sec. 30 and 31
Var 15° 10' E.

Ascend
26.00 Deep gulch drains N.
40.00 On top of high ridge bears N.W. and S.E. Set temp. W 1/4 Sec. cor.
Descend. Leave pine. Enter quakenasp.
69.00 Deep gulch drains S. Leave quakenasp. Ascend.

100

Subdivisions T. 26 S.

Chs.

78.80 Intersect N. boundy. of Tp. 23 leads S. of cor. to Sect. 30 & 31 from which I run.
S. 89° 50' E. on true line bet. Sect. 30 and 31

38.80 Set granite stone 12 x 12 x 9 in. 8 in. deep; marked 1/4 on N. side with reg. mound of earth and pits for 1/4 Sec. cor.

78.80 The cor to Sect. 29. 30. 31 and 32
Land mountainous. Soil 2nd and 3rd rate
Heavy pine timber on 1st 40.00 chains.

North bet. Sec 29 and 30
Var 15° 10' E

Detail
31.00 Enter bottom
33.00 N. branch of Summit creek

BOOK
R

Chs.
35.00
40.00
80.00

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R 25 E. S. L. M.

Chs. 6 links wide, 10" deep, runs S.E.

35.00 Ascend, leave pines, Enter quakenasp.

40.00 Set granite 16×10×8 in. 10 in. deep, marked "4 on N. side with reg. mound of earth and pits, for 1/4 Sec cor. from which A quakenasp 6" dia. bt. N. 30° E. 14 links

" " 8" " " S. 2½° W. 36 "

Both marked "4 S.B.T."

80.00 Top of high ridge bears N. 75° W. and S.E. and set granite 12×10×7 in 8 in deep marked 2 notches on S. & 5 on E. edges with reg. mound of earth and pits for cor. to Secs 19, 24 29 & 30. Land mountainous, Soil 2nd rate. Heavy pine timber — balsam, red pine, and quakenasp on 1st 35.00 chs

Subdivisions T. 26 S.

Chs.	Quakenasp on remainder.
	East on random line bet. Sect. 20 and 29 Var. 15° 10' E.
	On top of high ridge
14.01	Descend along N. side of ridge
	Enter heavy pine timber.
40.00	Set temp. 1/4 Sec. Cor.
79.82	Intersect N. and S. line 2 links S. of cor. to Sect. 20, 21, 28 and 29 from which Drum.
	S. 89° 51' W. on true line bet. Sect. 20 and 29
39.91	Set quakenasp Stake (charred) 3x4" 4 feet long, marked "1/4 S." on N. side, with reg. mound of earth and pits for 1/4 Sec. Cor. from which,
	A red pine 12" dia. bs. N 15 W.

R. 25 E. S.L.M.

Chs.	48 links dist.
	A, quakenasp 10" dia, bs. S. 25° E.
	17 links dist.
	Both marked 1/4 "S.B.T."
79.82	The cor. to Sect. 19, 20, 29 and 30.
	Land mountainous, Soil
	2nd rate. Quaqenasps on 1st
	14 chains, Heavy pine timber-
	balsam, and red and white pine
	on remainder
	✓
	West on random line
	bet. Sect. 19 and 30,
	Var. 15° 10' E.
	Descend
10.00	Enter a rock Slide, Leave quaken-
	asps,
22.00	Leave rock Slide, Enter quakenasps,
40.00	Sektemp. 1/4 Sec. cor.
48.00	Gulch drains S.E. Ascend
	✓

Subdivisions T. 26 S.

Chs.	
62.00	Top of ridge bs. N. and S. Descend. Enter heavy pine timber.
78.75	Intersect N. boundary of Tp. 38 links S. of cor. to Sect. 19 and 30, from which I run S. 89° 44' E. on true line bet. Sect. 19 and 30.
38.75	Set charred quaking asp post 3x4" 4 feet long. 2 feet deep marked "1/4 S. on N. side, with reg. mound of earth and pits for 1/4 Sec. cor. from which. A quaking asp 8" dia. bs. N. 14° W. 8 links " " 7" " " S. 21° E. 17 " Both marked "1/4 S. B. T."
78.75	The cont. to Sect 19, 20, 29 and 30. Land mountainous Soil 3rd rate, rocky. Timber quaking asps on 50 chains

Chs.

2.00

40.0

40.5

41.00

70.0

BOOK-A-173

R. 25 E. S.L.M.

Chs.	
	Heavy pine timber, balsam and red pine on 16.75 chs.
	North bet. Secs. 19 and 20. Var 15°10' E.
2.00	Descend Enter heavy pine timber.
40.00	At foot of ridge Set granite 14 x 8 x 7 in. 10 in. deep, marked "14 on N. side with reg. mound of earth and pits for "14 Sec. cor. from which A balsam 14" dia. bs. N. 3½° W. 84 links distant. Marked "14 S.B.T."
40.50	Creek 4 links wide 3" deep runs N.E.
41.00	Ascend Leave pine, Enter quakenasps.
70.00	Top of high ridge bears N.E.

Subdivisions T. 26 S.

Chs.		Ch
	and S.W.	
	Descend enter heavy timber.	
80.00	Set quakenasp post (charred) 4x4" 4 feet long. 2 feet deep marked 3 notches on S. and 5 on E. edges, with reg. mound of earth and pits for cor. to secs. 17, 18, 19. and 20. from which	11.0
	A quakenasp 7" dia. bs S. 48° E. 9 links	40.0
	" " 9" " " N. 63° W. 15 "	
	A balsam 6" " " S. 10° W. 12 "	59.0
	Land mountainous, Soil 2nd rate rocky in places,	79.7
	Timber heavy pine - balsam red and white pine, and quakenasp, on 51.00 chains,	
	Quakenasp on remainder.	39.8

October 14th 1880

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R. 25 E. S.L.M.

Chs. October 15th 1880

East on random line
bet. secs. 17 and 20.
Var. 15° 10' E.

Ascend

11.00 Top of ridge bs. N.E. and S.W.

Descend

40.00 At foot of ridge, Descend
gradually, set temp. 1/4 Sec. cor.

59.00 Descend along S. side of ridge

79.78 Intersect N. and S. line, 25 links
S. of cor. to secs. 17, 20 & 21
from which I run
S. 89° 49' W. on true line
bet. secs. 17 and 20.

39.89 Set charred quadruple post
4x4" 4 feet long, 2 feet deep,
marked 1/4 S. on N. side, with
mound of stones, etc.

Subdivisions T. 26 S.

Chs		R. Chs.
	for 1/4 Sec. cor. from which	78.64
	A red pine 14" dia. bs. S. 14 1/2° W. 58 lks.	
	" balsam " 12" " " S. 78° E. 96 "	
	Both marked 1/4 S.B.T."	
79.78	The cor to secs. 17, 18, 19 and 20	
	Land mountainous, Soil	38.64
	2nd rate, Timber-balsam	
	pine and red and white	
	pine and quaken asps along	
	line.	

West on random line
bet. secs 18 and 19
Var 15° 10' E.

Descend

36.50	Creek in canon 5 links wide	78.64
	6" deep, runs N.E. Ascend	
40.00	Set temp. 1/4 Sec. cor.	
71.00	Top of high ridge bears	
	N.E. and S.W. Descend	

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R. 25 E. S.L.M.

Chs.

78.64 Intersect N. boundary of Tp. 44 links S. of cor. to secs. 18 and 19 from which I run.
S. 89° 41' East on true line bet. secs 18 and 19

38.64 Set granite stone 17×11×10 in. 12 in. deep, marked "1/4 on N side, with reg. mound of earth and pits, for 1/4 sec. cor.
A balsam pine 10" dia. bs. N. 18½° E. 28 lks
" red " 14" " " N. 47° W. 17 "
" balsam " 12" " " S. 64¾° W. 54 "
" quaking asp, 7" " " S. 13¾° E. 11 "
All marked "1/4 S. 13, T."

78.64 The cor. to secs. 17, 18, 19 and 20
Land mountainous, Soil very rate rocky in places, Heavy timber — balsam, red and white pine and quaking asp all along line.

✓

Subdivisions T. 26 S.

Chs.	North bet. secs 17 and 18. Var. 15° 10' E.
	Descend
27.00	Descend into canon.
38.40	creek 3 links wide, 6" deep runs N.E. Ascend
40.00	Set porpyry stone 18 × 15 × 8 in. 12 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 sec. cor. Abalsam 8" dia. bs. S. 43° W. 62 links dist. Marked "1/4 S.B.T."
43.50	Enter plateau.
80.00	Set quakenasp post (charred) 5 × 4", 4 feet long. 2 feet deep, marked 4 notches on S. and 5 on E. edges, with reg. mound and pits for cor to secs, 7, 8, 17 and 18.

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R. 25 E. S.L.M.

Chs. A yellow pine 24" dia. bs. N. 53¼° E. 83 links
" balsam " 10" " " N. 10° W. 52 "
" yellow " 20" " " S. 72½° W. 68 "
" quakenasp 8" " " S. 14° E. 16 "

Land 1st 43.50 chains, mountainous. Soil 2nd rate, rocky in places. Heavy timber, balsam red and white pine and quakenasps, all along line.

East on random line
bet. secs. 8 and 17
Var. 15° 10' E.

Descend grad valley.
20.00 Descend
35.00 Head of hollow drains N. Enter plateau
40.00 Set temp 1/4 Sec. cor.
1-75.00 Descend, leave heavy timber,
79.74 Intersect N. and S. line

Subdivisions T. 26 S.

Chs	16 links S. of cor. to secs. 8, 9, 16 and 17, from which Drum.
	S. 89° 53' W on true line bet. secs. 8 and 17.
39.87	Set charred quakenasp post 5+4 in. 4 feet long, 2 feet deep, marked 1/4 S. on N. side, with reg. mound and pits for 1/4 sec. cor. A yellow pine 26" dia bears N. 14° 30' W. 116 links. A quakenasp 8" dia bears S. 64° 30' E. 29 links, marked "1/4 S.B.T."
79.74	The cor. to secs 7, 8, 17 and 18. Land rolling, Soil 1st and 2nd rate, Timber quakenasp balsam, red and white pine on 75.00 chains.

N. 25 E. S. L. M.

Chs West on random line
bet. Secs 7 and 18
Var. 15° 10' E.

7.00 Descend into canon.

17.80 Lost creek 6 links wide, 12" deep, runs N.E. Ascend. Leave pine, Enter scattered quakenasps,

40.00 Set temp. 1/4 Sec. cor.

73.00 Top of ridge bears N.E. & S.W. Descend. Enter heavy pine timber.

78.45 Intersect W. boundary of Tp. 35 links S. of cor. to secs. 7 & 18 from which I run,
S. 89° 45' E. on true line bet. secs 7 and 18.

38.45 Set charred quakenasp post, 4x4", 4 feet long, 2 feet deep, marked 1/4 S. on N. side, with

Subdivisions T. 26 S.

chs. reg. mound and pits for
¼ Sec. cor. from which
a quakenasp 10" dia. bears
S. 53° E. 6.4 links dist
marked "¼ S.B.T."

78.45 The cor. to secs 7, 8, 17 & 18
Land—mountainous,
Soil 2nd rate, rocky in place
Timber—heavy balsam, red
and yellow pine and
quakenasp on 1st 17.80
chains and last 5.45 chs.
Scattering quakenasps on
balance.

North bet. secs 7 and 6
Var. 15° 10' E.

Descend.

21.50 Lost creek 8 links wide 12"
deep, runs N.E. in canon

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R. 25 E. S.L.M.

lchs	Ascend
40.00	Set porphyry stone 16×8×7 in. 10 in. deep, in mound of stones, marked 1/4 on W. side, for 1/4 sec. cor. from which
	A quakenasp 9" dia bs. N. 62° E. 15 lks
	" red pine 12" " " S. 6° E. 54 "
	Both marked 1/4 S. B. T.
80.00	Set porphyry 15×14×8 in. 10 in. deep, marked 5 notches on S. and E. edges, with reg mound and pits for cor to secs 5, 6, 7 and 8.
	A quakenasp 14" dia bs S. 16° E. 22 links
	" " 12" " " S. 23° W. 53 "
	" balsam 15" " " N. 58° E. 124 "
	Land mountainous Soil 2nd rate, rocky in places
	Timber - quakenasp, balsam and red pine on 80.00 chs

Subdivisions T. 26 S.

Chs.	East on random line bet. secs 5 and 8 Var. 15° 10' E.
	Descend
23.00	Foot of high ridge
37.00	A small spring.
39.50	Lost creek 8 links wide, 12" deep, runs N.E.
40.00	Set temp 1/4 sec. cor.
43.00	Ascend gradually, Leave brush and quakenasps,
79.70	Intersect N and S line 18 links S. of cor. to secs. 4.5.8. and 9 from which S. 89° 52' W. on true line bet. secs. 5 and 8
39.85	Set a gray sandstone 25×12×6 in. 15 in. deep, marked 1/4 on N. side with reg. mound of earth and pits for

R. 25 E. S.L.M.

Chs	1/4 sec. cor. from which A quakenasp 7" dia. bs. S. 15 1/2° W. 75 links. Marked "1/4 S. B. T."
79.70	The cor. to secs 5.6.7. and 8. Land 1st 23.00 chains mountainous, Remainder rolling, Soil 1 and 2nd rate, Timber quakenasp and some balsam pine, on 1st 43 chains, Also heavy brush.

West on random line bet. secs. 6 and 7 Var. 15° 10' E.

	Ascend
16.50	Top of ridge bears N.E. and S.W. Descend.
21.00	Leave timber, Enter a rocky slide
28.50	Leave rocky slide, Enter timber.

Subdivisions T. 26 S.

Chs		Chs.
40.00	set temp. 1/4 sec. cor.	
42.00	Creek 4 links wide, 8" deep runs N.E. in canon, Ascend.	
78.42	Intersect N. boundary Tp. 85 links N. of cor. to secs. 6 and 7. from which I run.	
	N. 89° 24' E. on true line bet. secs. 6 and 7	31.00
38.42	Set flinty sandstone 16x14x4 in 10 in. deep, marked 1/4 on N. side, with reg. mound and pits, for 1/4 sec. cor. from which	# ~~40.00~~ 57.00
	Abalsam 10" dia bs. N. 55° W. 18 links	60.00
	" Quakenasp 11" " " N. 60° E. 20 "	70.00
	Both marked "1/4 S. B. T."	79.54
78.42	The cor. to secs. 5, 6, 7, and 8. Land mountainous.	

R. 25 E. S.L.M.

Chs.	Soil 2 and 3rd rate, Timber balsam and red pine and quakenasp on 70.92 chs.
	North on a true line bet. secs. 5 and 6 Var. 15° 10' E.
	Descend
31.00	At foot of hill, Leave heavy timber.
# ~~40.00~~	~~Set temp. 1/4 sec. cor.~~
57.00	Creek 3 links wide 6 in. deep, runs N.E. Ascend.
60.00	On top of bench.
70.00	Enter oakbrush, and young quakenasps.
79.54	Intersect N. boundary of Tp. ~~39 links E. of~~ at standard cor. to secs 5 and 6.
⊕	~~from which I run.~~

Subdivisions T. 26 S R

Chs	
	~~S. 17° E. on true line bet secs 5 and 6~~
~~39.54~~ 40.00	Set gray sand stone 18×10×6 in. 12 in. deep, marked 1/4 on W. side with reg. mound and pits for 1/4 Sec. cor.
~~79.54~~	~~The cor. to secs 5, 6, 7, and 8.~~
	Land 1st 31.00 chains Mountainous Soil 3rd rate, Remainder rolling, soil 1st rate, Timber - balsam red and yellow pine on 1st 31.00 chains, Heavy brush on last 10.00 chains
	Note: At this point I make an observation of the north star and find that the line last run substantially agrees with the meridian thus obtained.

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R. 25 E. S.L.M.

General Description.

There is a large amount of yellow pine timber in the Eastern tier of this Tp. and splendid balsam, red, white and yellow pine, mixed with quakenasps in the Western tier of same.

Nearly the whole is covered with an excellent soil, and though the altitude being very high, an average of about 7500 feet, most of the land may be used for farming purposes.

The country rock in the E. 1/2 Tp. is red and gray sand stone, in the West granite and porphyry.

In Sec. 36 I found coal and fire clay, and I report the E. ½ of N.E.¼ and the E.½ of S.E.¼ as mineral land.

Ernst Huettner
U. S. Dep. Surveyor

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129

125

BOOK-A-173 /125

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th, 1881

The foregoing field notes of the survey of the

Subdivisions

in

Township No 26 S Range No 25 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Butterworth

Under his contract No 96

of the 28th day of July 1880,

in the month of October 1880,

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-173

20 R. 127

127

Filed 187 .

Examined by

Compared by G. Schulte & Will Gorlinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

South Boundary

of Township No. 26 S., *Range No.* 26 E.

of the Salt Lake Meridian in Utah Territory.

BY

E. Buttner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880

Survey commenced Oct. 16th 1880

Survey completed " " 1880

To [illegible]

Feb. 25. 81

128

BO

chain

13,6

14,5

22,7

24,5

27,7

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S. Boundary T. 26 S. R. 26 E. S.L.M.

chains

October 16th 1880.

From cor. to Tps. 26 and 27 S.
Rs. 25 and 26 E. re-established
by me, I run
East along S. boundary Sec 31
Var 15° 10' E.
Allowance for convergency 2.27 chains
Descend in brush and scattering
timber.

13.60 A spruce pine 24" dia.

14.50 A mineral spring branch 1 link
wide, 2" deep, runs S.E.

22.75 Indian trail bears N. and S.
Leave brush.

34.50 Creek 2 links wide, 2" deep, runs
S.E. Ascend

37.73 Set gray sandstone 18"×18"×6"
12" deep, marked 1/4 on N. side,
with reg. mound and pits for 1/4 sec. cor.

BOO

South Boundary T. 26 S. R.

Lgth.		Chs.
38.50	Top of lone sandstone Knoll	
	Descend	
47,00	Geyser creek 15 links wide, 20" deep, runs N.E. Ascend. Enter pine timber,	
53,50	Pine 30" dia.	22,30
72,00	Descend into hollow.	25,00
74,00	Bottom, heads 2 chs. S.	27,00
	Leave timber. Ascend	
74.73	On top, edge of precipice,	32,00
	Set red sandstone 17"×14"×10" in mound of stones, marked 1 notch on W. and 5 on E. edges for cor to Secs. 5, 6, 31 & 32	40,00
	Land mountainous, Soils 2nd and 3rd rate. Brush and scattered timber on 1st 22.75 chains, Timber—yellow pine on 27,00 chains.	
		45.50
		80,00

R. 26 E. S.L.M.

Chs.	
	East along S. boundy Sec. 32 Var. 15° 10' E.
	Line runs along edge of precipice about 100 feet deep,
22,30	Descend
25,00	Enter bottom.
27,00	Summit creek 30 links wide, 2 feet deep, runs S.E.
32,00	Summit creek 30 links wide; 2 feet deep, runs N.E. Ascend in heavy brush and scattering pines
40,00	Set red sandstone 14×12×9" 10" deep, marked 1/4 on N. side with reg. mound of earth and pits, for 1/4 Sec. cor.
	A balsam pine 6" dia. bs. S. 26° E. 45 links dist. Marked 1/4 S.B.T.
	Summit creek 75 links wide, runs N
45,50	Deep gulch heads S.
80,00	On top.

South Boundary T. 26 S.

Chs. Set red sandstone 16×14×8", 15" deep, in mound of stones, marked 2 notches on W. and 4 on E. edges, for cor. to Sect. 4, 5, 32 and 33.

Land mountainous, soil in bottom 1st rate, Remainder rocky and broken, Heavy brush and scattering timber on last 48.00 chains.

East along S. boundary Sec. 33

Var 15° 10' E.

Ascend, Leave brush enter scattering timber.

40.00 Set red sandstone 18"×15"×10 12" deep, marked 1/4 on N side with reg. mound and pits for 1/4 Sec. cor.

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R. 26 E. S.L.M.

Note: I here make diligent search for Colorado boundary but am unable to discover any trace of same, I therefore abandon further survey East.

Land rolling, Soil 2nd rate some pine timber.

Note: For General Description see end of subdivision notes of this Tp.

Ernst Buettner

U.S. Deputy Surveyor

134

BO

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 28th 1881

The foregoing field notes of the survey of the South boundary Township 26 South, Range 26 East

(Township No 26, Range No 26 E)

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Buettner.

Under his contract No 96,

of the 28th day of July 1881,

in the month of October 1880.

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-173 137 (13)

21 R: 137

Filed 187 .

Examined by

Compared by Bouletto & Gorlacke

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions

of fractional Township No. 26 S. Range No. 26 E.

of the Salt Lake Meridian in Utah Territory.

BY

C. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880.

Survey commenced Oct. 18th 1880

Survey completed " 20th 1880

Transcribed 5 Made

3, 10, 81 4 FB

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Township 26 S. R. 26 E.

6 175	5 152	4	3	2	1		
173	172	151					
7 170	8 149	9	10	11	12		
169	168	148					
18 166	17 147	16	15	14	13		
165	163	146					
19 ~~162~~	20 145	21	22	23	24		
160	159	143					
30 ~~158~~	29 142	28	27	26	25		
156	~~155~~	141					
31 153	32 139	33	34	35	36		
129	131	132					

Subdivisions T. 26 S.

Chs.		Chs.
35,00	Enter plateau in W timber, leave brush.	
40,00	Set gray sandstone 18x12x15 12" deep, marked 1/4 on N. side, for 1/4 Sec. cor. from which	
	A pine 36" dia. bs. E. 64° N. 12 links	
	" " 22" " " S. 19° W. 69 "	
	Both marked "1/4 S.B.T."	
55,00	Gulch drains S.W.	
80,00	Set gray sandstone 22x18x5 15" deep, marked 1 notching S. and W on E. edges with reg. mound of earth and pits for cor. to Sect. 28, 29, 32 & 33	31,00
	from which	40,00
	A pine 33" dia. bs. N. 15 3/4° E. 18 links	
	" " 20" " " N. 53 3/4° W. 85 "	
	" " 34" " " S. 36 1/2° E. 45 "	

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R. 26 E. 141 S. L. M.

Chs. Land 1st " 35.00 Chains, mountainous, Soil 2nd " and 3rd " rate, covered with heavy brush; remainder rolling Soil 3rd " rate, covered with yellow pine.

Note: the E. line bet. Sect. 28 and 33 crossing the Colorado boundary near 1/2 mile cor. I therefore run ~~a true line~~

East on true line bet. Sect. 28 and 33

Var. 15° 10' E.

31.00 Gulch drains S.E.

40.00 No trace of Colorado boundary. Mark Stationary Sandstone 8×4×3 feet above ground, marked 14 on N. side, for 1/4

Subdivisions T. 26 S.

Chs

Sec. cor. from which.
A pine 18" dia. bt. S. 70° E. 6 links
Sand rolling, Soil 2nd rate.
rocky in places.
Timber — yellow pine on
40.00 chains.

North bet. Secs. 28 & 29.
Var. 15° 10' E.

16.35 Pine 40" dia.
40.00 Hollow drain S.W.
Set gray sandstone 16×11×8"
10" deep, marked 1/4 on W. side
for 1/4 Sec. cor. from which.
A quaking asp 18" dia. bt. N. 70° E. 9 links
" " 14" " N. 44 3/4° W. 26 "
Both marked 1/4 S.B.T.
65.00 Descend
Pine 32" dia.
80.00 Set a Gray sandstone 25×15×8"

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R. 26 E. S. L. M.

Chs. 18" deep marked 2 notches on S. and 4 on E. edges, for cor. to Secs. 20, 21, 28 and 29 from which.

A pine 30" dia. bs. S. 7 3/4° W. 97 lks.
" " 32" " " N. 30 3/4° E. 18 "
" " 28" " " S. 61° E. 75 "
" quakenasp 7" " " N. 62° W. 62 "

Land gently rolling, Soil 2nd rate. Timber yellow pine and some quakenasp on 80.00 chains.

✓

X

Note: The E. line bet. Secs 21 and 28. crossing the Colorado boundary near 1/2 mile cor. I therefore run East on true line bet. Secs. 21 and 28.

Var. 15° 10' E.

✓

Subdivisions of Fractional

Chs.	Descend	Chs.
0,75	Pine 28" dia.	
13,00	Enter gulch drain E, bears N. 10° W.	10,00
20,00	Leave gulch drain N. 85° E. Leave timber, Enter heavy oak brush.	40,00
40,00	No trace of Colorado boundary, Set gray sandstone 12×10×5", 8" deep, in mound of stone marked "4 on N. side, for 1/4 Sec. cor.	65,00
	Land mountainous Soil 2nd and 3rd rate. Timber—yellow pine and a few quaking aspen 1st 40.00 chains, Heavy oak brush on remainder.	80,00

✓

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T. 26 S. R. 26 E. S.L.M.

Chs.	North bet. Secs. 20 and 21 Var. 15° 10 E.
	Ascend
10,00	Enter plateau. Ascend gradually.
40,00	Mark stationary sandstone 24×15×12" above ground 1/4 on W. side, for 1/4 Sec. cor. from which. A pine 25" dia. bs. S. 83 1/2° E. 78 links, marked 1/4 S.B.T.
65,00	Descend Leave timber. Enter dense brush.
80,00	Set red sandstone 25×15×8" 18" deep, in mound of stones, marked 3 notches on S. and 4 on E. edges for cor. to Secs. 16, 17, 20 and 21 S and 1st 10,00 and last 15,00 chains mountainous,

Subdivisions Fractional

Chs.		Chs.
	Soil 3rd rate, covered with heavy brush, Remainder rolling, Soil 2nd rate covered with yellow pine and quakenasp,	
	Note: The E. line bet. Sect 16 and 21 crossing the Col boundary near 1/2 mile cor. I therefore run East on true line bet. Sect. 16 and 21 Var. 15°10' E.	40,00 / 75,00 / 80,00
40,00	Descend in heavy brush. No trace of Col. boundary, Set red sandstone 14 x 8 x 4 10" deep, in mound of stone marked "4 on N side, for Sec. cor. Land mountainous,	

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T. 26 S. R. 26 E. S. L. M.

Chs. Soil 3rd rate.
Heavy brush on 40.00 chains.

North bet. Sect. 16 and 17
Var. 15° 10' E.
Ascend in heavy brush.
40.00 Set red sandstone 15 x 10 x 6" in mound of stones marked 1/4 on W. side, for 1/4 Sec. cor.
45.00 Enter plateau, 2nd timber
Leave brush.
80.00 A quaken asp 6" dia. at corner point, mark same 4 notches on S. and E. edges, for cor. to Sect. 8, 9, 16 and 17.
from which.
A quaken asp 16" dia. bt. S. 16° W. 5 links cor.
" " 4" " N. 46½° E. 20 " W.
" " 6" " N. 36° W. 14 "

Subdivisions of Fractional

Chs.	Aquakunash, 12" dia. bs S. 15° E. 36 links.	
	Land mountainous, Soil 2nd " and 3rd " rate, rocky in places.	
	Quakenash on last 5,00 chains.	
	Heavy brush on 1st " 75,00 chs.	
	Note: The E. line bet. sect. 9 and 16, crossing the Colorado boundary near 1/2 mile cor. I therefore run,	
	East on true line bet. Sect. 9 and 16.	
	Var. 15° 10' E.	
1,00	Descend, Leave timber.	
	Enter thick brush.	
39,50	Gulch drains S.W.	
40,00	No trace of Col. boundary	

BOOK

T. 2

Chs.

31,0

40,0

52,

T. 26 S. R. 16 E. S. L. M.

Chs. Set red sandstone 30×25×12, 21" deep, in mound of stones marked 1/4 on N. side, for 1/4 sec. cor.
5.00 chains further E. a deep gulch drains S.E.
Land mountainous, rocky. Soil 3rd rate.
Heavy brush on last 39.00 chains.

North bet. Secs. 8 and 9.
Var. 15° 10' E.

31.00 Gulch drains E.
40.00 Set red sandstone 15×12×9", 10" deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 sec. cor.
52.50 Indian trail bet. N.E. and S.W.
× Leave timber.

Subdivisions Fractional

Chs.		Chs.
	On W. edge of meadow, Springs bear N. 15° E. 12 chains.	
	On E. foot of ridge.	
55,00	Leave meadow, Ascend.	17,50
57,00	On E. end of ridge bs. N. E. Descend	40,00
80,00	Mark Stationary Sandstone 6x4x3 feet above ground. 5 notches on S. and 4 on E. edge for cor. to Sec. 4, 5, 8 and 9. Land heavy rolling, Soil 2nd rate. Timber — quaking asp, with undergrowth on 1st 57,00 chs.	

Note: The E. line bet. Secs 4, and 9, crossing the Col. boundary, near 1/2 mile cor. I therefore run.

East on true line

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T. 26 S. R. 26 E. S.L.M.

Chs. bet. Sect. 4 and 9
Var. 15° 10' E.

Ascend

17.50 Top of ridge bears N.E.
Enter pines. Descend

40.00 No trace of Colorado boundary.
Set red sandstone 15×12×11",
10" deep, in mound of stones
marked "4 on N side for
1/4 Sec. cor. from which.
A pine 30" dia. bs. S. 44½° W. 5 links
" " 24" " " N. 44½° E. 66 "
Both marked "1/4 S. B.T."
Land mountainous, Soil
2nd " rate.
Timber—yellow pine and
fast— 22.50 chains.

✓

Subdivisions Fractional

Chs.	
	North bet. Secs. 4 and 5
	Var. 15° 10' E.
	Descend gradually.
35.00	Creek 2 links wide, 3" deep, runs N.E. Ascend
	Enter brush.
40.00	Mark Stationary gray sandstone, 4×1×1 foot, above ground. 1/4 on W. side, for 1/4 Sec cor. from which.
	A pine 24" dia. bs. N. 23° E. 80 links marked "1/4 S. B. T."
45.00	Enter plateau, and oak brush.
79.82	Intersect N boundary of Tp. 2.84 chains W. of the established standard cor. to secs. 32 and 33.
	Set red sandstone 15×12×5 10" deep, marked 4 notches on E. 2 on W. and 6 on S. and C. C. on N. sides with neg. mound of Earth [illegible] for [illegible]

BOOK-

T. 2

Chs.

3.00

4.40

7.5

T. 26 S. R. 26 E. S. L. M.

Chs. cor. to secs. 4. and 5. on 5th Standard Parallel Sinth.
Land 1st 40.50 chains rolling. Soil 2nd rate. remainder nearly level; Soil 1st rate, covered with heavy brush. October 18th 1880

October 19th 1880

From cor. to secs. 31 and 32 on S. boundary of Tp. I run.
North bet. secs. 31 and 32
Var. 15° 10' E.

Steep descent.
3.00 Enter bottom.
4.40 Summit creek 28 links wide, 2 feet deep, runs E.
7.50 Leave bottom, Ascend
Enter brush.

BOOK-A

Subdivisions Fractional

T. 26

Chs.		Chs.
21,00	Enter plateau and pines.	
	Leave brush.	
	Descend gradually.	
40,00	Set gray sandstone 16×14×8	
	10" deep, marked 1/4 on W. side,	
	for 1/4 Sec. cor. from which,	
	A pine 22" dia. bs. N 68° E. 29 links	
	" " 28" " " S. 45 3/4° W. 87 "	
	Both marked 1/4 S. B. T.	
70,00	Enter gulch drains S. E.	
75,50	Leave " heads N. W.	
80,00	Set red sandstone 16×8×6",	
	10" deep, marked 1 notch on	40,00
	S. and 5 on E. edges, with	40,40
	reg. mound of earth and	70,50
	pits, for cor. to Secs. 29, 30,	80,07
	31 and 32, from which,	
	A pine 25" dia. bs. S. 82 1/2° E. 55 links	
	" " 26" " " N 54 3/4° E. 73 "	

BOOK-A-173

T. 26 S. R. 26 E. S.L.M.

Chs. A pine 20" dia. bs. N. 67½° W. 78 links

Land 1st " 71.00 chs. mountainous.

Soil 1st " and 3rd " rate.

remainder nearly level, Soil 2nd " rate.

Heavy brush on 13.50 chains.

Timber - yellow pine and some quaking asp on 59.00 chains.

Some balsam pine along creek.

✓

East on random line bet. Sec. 29 and 32

Var. 15° 10' E.

40.00 Set temp. ¼ Sec. cor.

40.40 Gulch drains S.

70.50 Wash in hollow drains S.

80.07 Intersect N. and S. line, 8 lks. N. of cor. to Sec. 28. 29 32 and 33 from which true.

N. 89° 57' W. on true line

✓

Subdivisions Fractional

Chs.		Chs.
	bet. Sect. 29 and 32	
25,50	Pine 30" dia.	72,00
40,03	Set red sandstone 15×12×10"	76,00
	10" deep, marked "¼ on N. side	
	for ¼ Sec. cor. from which.	77,60
	A pine 28" dia. bs. N. 63° E. 107 lks	
	" " 34" " " N. 85° W. 58 "	
51,57	Pine 25" dia.	
80,07	The cor. to Sect. 29, 30, 31, and 32.	
	Land rolling, Soil 2nd rate	37,60
	Heavy yellow pine timber	
	on 80,07 chains.	

	West on random line	
	bet. Sect. 30 and 31	
	Var. 15° 10' E.	
30,00	Wash drains S.E.	59,85
71,50	Rocky strip, descent.	77,60
35,00	At foot.	
40,00	Set stump. ¼ Sec. cor.	

T. 26 S. R. 26 E. S. L. M.

Chs.	
72.00	Descend
76.00	Beef creek, 7 links wide, 12" deep, runs S. Ascend
77.60	Intersect W. boundary of Tp. 14 links N. of cor. to secs 30 and 31. from which I run. N 89° 54' E. on true line bet. secs. 30 and 31
37.60	Set gray sandstone 15×14×6", 10" deep, marked 1/4 on N side, for 1/4 sec. cor. from which A pine 26" dia. bs. N 9 1/4° W. 118 lks " " 40" " " S. 72 3/4° W. 104 " Both marked 1/4 S. B. T."
59.85	Pine 34" dia.
77.60	The cor. to secs. 29, 30, 31 and 32 Land high rolling. Soil 2nd rate, rocky in places

Subdivision of Fractional

Chs.		Chs.
	Timber – yellow pine, on 79.60 chains Some balsam pine along creek. ✓	
	North bet. Secs 29 and 30 Var. 15° 16' E.	
16,40	Pine 30" dia.	
40,00	Set gray sandstone 16×10×8", 10" deep, marked "¼ on N. side, for ¼ Sec. cor. from which. A pine 10" dia. bs. N. 73½° W. 15 links " " 16" " " S. 83° E. 54 " Both marked "U.S. B.T."	
46,80	Pine 32" dia.	23,00
49,90	" 15" "	40,00
80,00	Gray sandstone 18×14×5", 12" deep, marked 2 notches on S. and 5 on E. edges, for cor. to Secs. 19, 20, 29 and 30. ✓	44,90
		72,00
		80,16

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T. 26 S. R. 26 E. S.L.M.

Chs.	
	from which.
	A pine 26" dia. bs. N 82½° W. 39 links
	" " 14" " " N 65° E. 45 "
	" " 20" " " S. 39° E. 154 "
	An oak 10" " " S 17° W. 89 "
	Land nearly level
	Soil 2nd rate.
	Timber — yellow pine, some quakenasp and oak on 80.00 chains.
	East on random line bet. Secs. 20 and 29 Var. 15° 10' E.
23.00	Hollow drains S. 20° E.
40.00	Set temp ¼ Sec. cor.
47.70	Hollow drains S.
72.00	Descend
80.16	Intersect N & S. line 16 lks N of cor. to Secs. 20, 21, 28 and 29 from which

BOOK

Subdivision Fractional

T 26

Chs.		Chs.
	I run	
	N 89° 53' W. on true line	40,00
	bet. Secs. 20. and 29.	47,00
32,46	Pine 30" dia.	77,55
40,08	Set gray sandstone 18×10×8",	
	12" deep, marked 1/4 on N side	
	for 1/4 Sec. cor. from which	
	A pine 33" dia bs. S. 81 1/4 E. 97 links	
	" " 28" " " N 28 1/2 W. 98 "	37,55
	Both marked 1/4 S. B. T.	
80,16	The cor. to Secs. 19. 20. 29 & 30.	
	Land rolling, Soil 2nd rate.	
	Timber-yellow pine and some	
	quakin asp on 80.16 chains.	
	✓	52,55
	West on random line	77,55
	bet. Secs. 19 and 30	
	Var. 15° 10' E.	
19,00	Descend	
37,40	Wash drains S.W. Enter lower	

BOOK-A-173

T. 26 S. R. 26 E. S.L.M.

Chs.	
	plateau.
40.00	Set temp. 1/4 Sec. cor.
47.00	Indian trail bt. N.E. & S.W.
47.55	Intersect W. boundary of Tp. 9 links N. of cor. to Secs. 19 and 30. from which Drum. N. 89° 56' E. on true line, bet. Sec. 19, and 30.
37.55	Set red sand stone 22x10x9" 15" deep marked 1/4 on N. side with reg. mound of earth and pits for 1/4 Sec. cor. from which A pine 36" dia. bs. N. 58 1/2° W. 73 links marked "1/4 S.B.T."
52.55	Oak 14" dia.
77.55	The cor. to Secs. 19, 20, 29 & 30 Land rolling, Soil 2nd rate, on 1st 37.40 chains. 1st rate on remainder. Timber-yellow pine,

Subdivisions Fractional - T. 26

		Chs.
Chs.	quakenasp and some oak on 47.55 chains.	
	North bet. Secs. 19 and 20. Var. 15° 10' E.	
19.00	Descend	
32.00	Enter bottom, leave pine timber. Enter quakenasp and oak.	
40.00	Set charred quakenasp post 4x4", 4 feet long, 2 feet deep, marked "4 S." on N. side, for 1/4 Sec. cor. from which.	
	A quakenasp 6" dia. bs. S. 87° E. 10 links	5.50
	" " 5" " " N. 55½° W. 19 "	40.00
	Both marked "4 S. B.P."	44.00
41.80	Wash drain S. W.	69.50
41.75	Drain trail bs. N. E. + S. W.	
80.00	Set gray sandstone 16x14x4", 16" deep, marked 3 notched on S. and 5 on E. edges, with reg.	80.12

T. 26 S. R. 26 E. S.L. M.

Chs.	mound of earth and pits for cor. to Sect 17, 18, 19 and 20 from which,
	Aquakenasp 6" dia. bs. S. 46 3/4° E. 42 1/2
	" " 9" " " N. 47 3/4° W. 84 "
	Land rolling, Soil 1st rate.
	Pine timber on 1st " 37.00 chs.
	Quakenasp and oak on ~~west~~ Alexander.
	East on random line bet. Sect. 17 and 20 Var. 15° 10' E.
5.50	Dry creek drains S.
40.00	Set temp. 1/4 Sec. cor.
44.00	Trail bs. N.E. & S.W.
69.50	Descend, Lead timber, Enter heavy brush.
80.12	Intersect N. & S. line, 10 lks. N. of cor. to Sect. 16, 17, 20 and 21 from which I run.

BOOK-A

Subdivisions Fractional

Chs		Chs.
	N. 89° 56' W. on true line bet. Secs. 17 and 20	
40,06	Set charred quakenasp post, 4×4", 4 feet long, 2 feet deep,	3,00
	marked 1/4 S. on N side,	9,00
	for 1/4 Sec. cor. from which	33,50
	A quakenasp 7" dia. bs. S. 49½° E. 10 links	41,00
	" " 10" " " N. 62° W. 87 "	46,00
	Both marked 1/4 S. B.T."	77,43
80,12	The cor. to Secs. 17, 18, 19 and 20	
	Land 1st 69.50 chains gently rolling, Soil 1st rate, covered with quakenasp and some oak and pine, Remainder mountainous rocky, Soil 3rd rate, covered with heavy brush.	37,43

BOOK-A-173

T. 26 S. R. 26 E. S. L. M.

Chs.	West on random line bet. Sec. 18 and 19. Var. 15° 10' E.
3.00	Ascend Enter heavy pine.
9.00	Top of plateau.
33.50	Descend
41.00	Set temp. 1/4 Sec. cor.
46.00	Gulch drains S.W. Ascend
77.43	Top of ridge bs. N.E. & S.W. Intersect W. boundary of Tp 7 links S. of cor. to Sec. 18 and 19. from which. Trees. S. 89° 57' E. on true line bet. Secs. 18 and 19
37.43	In quakenasp grove. Set gray sandstone 18x10x6" 12" deep, marked 1/4 on N side, for 1/4 Sec. cor. from which.

Subdivisions Fractional

Chs.	
	A quakenasp 16" dia. bs. N 22¼° E. 7 lks
	" " 18" " " S. 67° E. 29 "
	Both marked ¼ S. B. T.
63,25	Pine 30" dia.
77,43	The cor. to Secs. 17, 18, 19 and 20,
	Land mountainous,
	Soil 2nd and 3rd rate.
	Timber - yellow pine and
	quakenasp on 77.43 chains.
	✓
	North bet. Secs. 17 and 18.
	Var. 15° 10' E.
11,00	Ascend
	4,00 chains E. a small spring
	Enter pine and quakenasp.
18,00	" plateau, Ascend gradually.
40,00	Set flinty sandstone 14×12×7"
	10" deep, marked ¼ on W. side,
	for ¼ Sec. cor.
	from which
	✓

BOOK-A

T. 26

Chs.	
	Ag
	"
55,00	
61,00	
80,00	

BOOK-A-173

T. 26 S. R. 26 E. S.L.M.

Chd. Aquatinasp 11" dia. bs. S. 14° E. 33 links
" " 7" " N. 13¼° W. 44 "
Both marked ¼ S. B.T.
55,00 Descend bs. E. and W.
61,00 Foot. Descend gradually.
Leave pine,
Enter quatinasp and oak.
80,00 Set charred quatinasp post 4×4", 4 feet long. 2½ feet dup, marked 4 notches on S. and 5 on E. edges, with reg. mound of earth and pits, for cor. to sec. 7, 8, 17 and 18. from which.
Aquatinasp 8" dia. bs. S. 18¾° E. 27 links
An oak 16" " S. 37° 15' W. 92 "
Aquatinasp 5" " N. 88¼° W. 41 "
Land rolling. Soil 2nd rate, rocky in places.
Timber — quatinasp, yellow

Subdivisions Fractional

Chs.	
	pine and oak on 80.00 chains. October 19th 1880,
#	October 20th 1880.
	East on random line bet. Secs. 8 and 17.
	Var. 15° 10' E.
40.00	Set temp. 1/4 Sec. cor.
42.50	Gulch drains N
54.00	Ascend
60.00	Top, Descend gradually.
62.60	Indian trail bs. N. and S.
80.15	Intersect N and S. line 10 lks N of cor. to Secs. 8.9.16 and 17 from which I run.
	N 89° 56' W. on true line bet. Secs. 8 and 17
40.07	Set charred quakenasp post 4×4", 4 feet long. 2 feet deep marked 1/4 S. on N side,

BOOK-A

T. 26

Chs.
80.15
40.00
62.00
77.35

BOOK-A-173

T. 26 S. R. 26 E. S.L.M.

Chs.	for ¼ Sec. cor. from which.
	Aquakenasp 8" dia. bs. S. 13° E. 15 links
	" " 12" " " N. 4½° E. 22 "
	Both marked ¼ S. B. T.
80.15	The cor. to Secs. 7, 8, 17 and 18
	Land rolling.
	Soil 1st " and 2nd " rate
	Timber, quakenasp and
	scattered oak and yellow
	pine on 80.15 chains.
	✓
	West on random line
	bet. Secs. 7 and 18.
	Var. 15° 10' E.
40.00	Set temp. ¼ Sec. cor.
62.00	Ascend
77.35	Intersect W. boundary of Tp.
	12 links S. of cor. to Secs. 7
	and 18. from which Trees
	S. 89° 55' E. on true line
	✓

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Subdivisions Fractional

Chs.		Chs.
	bet. Sect. 7 and 18.	
37.35	Set charred quaskenash post 4 x 4", 4 feet long, 2 feet deep, marked 1/4 S on N side, with reg. mound of earth and pits, for 1/4 Sec. cor.	40.00
	Note: Trees too small to mark.	
47.35	The cor. to Sect. 7, 8, 17 and 18.	62.00
		65.00
	Land nearly level.	80.00
	Soil 1st rate.	
	Timber — quaskenash, with some yellow pine and oak and heavy brush on 47.35 chains.	
	✓	
	North bet. Sect. 7 and 8. Var. 15° 10' E.	
	Descend gradually.	
	✓	

BOOK-
T. 26

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T. 26 S. R. 26 E. S. L. M.

Chs.	
40.00	Set gray sandstone 16×11×10" 10" deep, marked 1/4 on W. side with reg. mound of earth and pits, for 1/4 Sec. cor. from which.
	A quakenasp 4" dia. bs. N 55½° W. 105 links.
	No other trees at hand.
62.00	Steep descent. bs. E & W.
65.00	Foot. Leave bench and timber.
80.00	Set gray sandstone 16×12×6" 10" deep, marked 5 notches on S. and E. edges, with reg. mound of earth and pits for cor. to Secs. 5, 6, 7 and 8.
	Land sloping N gradually. Soil 1st rate.
	Timber—young quakenasp with heavy underg. rowth on 1st 65.00 chains.

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Subdivisions Fractional

Chs.	
	Cast on random line bet. Sect. 5 and 8.
	Var. 15° 10' E.
10.50	Descend Enter brush.
16.50	Creek 2 links wide, 3" deep, runs N. Ascend
21.00	Top, Leave brush.
40.00	Set temp. 1/4 Sec. cor.
53.00	Descend in heavy brush.
61.50	Creek 2 links wide, 3" deep, runs N. 10° E.
67.00	Dry creek drains N.
	20.00 chains S. several small springs.
	Ascend, Leave brush.
80.18	Intersect N. & S. line, 9 links N. of cor. to Sect. 4, 5, 8 and 9.
	From which Frac.
	N. 89° 56' W. on true line bet. Sect. 5 and 8.

BOOK

T. 76

Chs.	
40.09	
80.18	
2.00	
6.00	
18.00	
40.00	

T. 26 S. R. 26 E. S. L. M.

Chs.	
40.09	Set red sand stone 18×18×7", 1½" deep, marked ¼ on the side with reg. mound of earth and pits, for ¼ sec. cor.
80.18	The cor. to secs. 5, 6, 7 and 8 Land 1st 21.00 and last 27.18 chains rolling, Soil 2nd rate, Remainder, level; Soil 1st " No timber, heavy brush on 24.50 chs.
	West on random line bet. secs. 6 and 7. Var. 15° 10' E.
2.00	Descend into hollow.
6.00	Hollow drains N E. Ascend, Enter heavy brush.
18.00	Top of plateau, Enter timber Leave brush.
40.00	Set temp. ¼ sec. cor.

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Subdivisions Fractional

T. 26

Chs.	
44.00	Descend, leave timber, Enter brush.
50.20	Creek 2 links wide, 3" deep, heads Southerly, 20 chains; runs N. 10° E.
61.50	Hollow drains N. E. Ascend.
64.00	Top.
77.25	Intersect W. boundary of Tp. 16 links S. of cor. to secs. 6 and 7 from which I run. S. 89° 53' E. on true line bet. secs. 6 and 7.
37.25	Set red sandstone 12×11×9" 8" deep, marked 1/4 on N. side for 1/4 sec. cor. from which, A pine 14" dia. bs. S. 47° W. 154 lks "quakeness 5" " " S. 68½° E. 93 " Both marked 1/4 S. B. T.
77.25	The cor. to secs. 5, 6, 7 and 8

Chs.
1.50
9.00
20.00
40.00

T. 26 S. R. 26 E. St. M.

Chs.	Land rolling, Soil 2nd rate, Timber — quaken asp and pine on 26.00 chains. Heavy undergrowth on 45.25 chains.
	North ~~on true bise~~ bet. Secs. 5 and 6 Var. 15° 10' E.
1.50	Descend
9.00	Hollow drain E. Spring 4.00 chains E. Ascend, Enter brush.
20.00	Enter young quakenasp, with heavy undergrowth.
40.00	Set gray sand stone 20×12×8", 15 deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor. — in quakenasp grove. Note: Rest too small to mark

BOOK-A-

Subdivisions Fractional T. 26

Chs.

42.00 Descend leave quakenasp.

45.00 Hollow drains E. Ascend

47.50 Tp. Descend gradually.

Enter oak brush.

80.08 Intersect [illegible] of

Tp. 5 Standard Parallel [illegible] 3.00 chs. W. of Standard

cor. to secs. 31. and 32.

Set a red sandstone 14

×10×5" 10" deep, and mark

5 notches on E. 1. on W. 6 on S.

sides and 66 on North side with

req. mound of Earth and

pits for closing Cor. to

Sec. 5 & 6.

Land rolling.

Soil 1st " and 2nd " rate.

Timber — Some scattering

pine and young quak-

enasp on 72.00 chains.

Heavy undergrowth on 46.00 chs.

Octobr 20th 1880,

BOOK-A-173

T. 26 S. R. 26 E. S.L.M.

General Description

The land contained in this fractional T.p. is of a mountainous character, Only portions of Sec. 5, 6, 7, and 8. are adapted for farming purposes, the same being nearly level, and well provided with water.

In Section 9 is a meadow, containing about 60,00 acres of splendid grass land.

The rest is covered with a dense forest of high, straight yellow pine, mixed with quakenaspen and some black oak.

Nearly every year the Indi
who claim all this country
run a fire through the
undergrowth, killing all
the young trees and
also many full grown
trees, by taking off the
bark and scraping off the
inside layer of soft wood
which they use for food.
The W.½ of N.W.¼ and W.½
of S.W.¼ of sec. 31. contain
coal and fireclay and
I report same as mineral
land.

Ernst Buettner
U. S. Dep. Surveyor

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th 1881

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

Township No 16 S. *Range No* 26 E.,

of the Salt Lake Meridian, Utah Territory,

Executed by Ernst Buettner

Under his *contract No* 96.

of the 28th *day of* July 1880,

in the month of October 1880,

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

Fred. Salisbury

U. S. Surveyor General for Utah.

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22 R.

Filed 187 .

Examined by

Compared by Boulette & Gorlicski

Lists made.

FIELD NOTES

OF

THE SURVEY OF THE

West, South and re-survey of the East boundary of Township No. 27 S. , Range No. 25 E.

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880.

Survey commenced Oct 21st 1880.

Survey completed " 22nd 1880.

Transcripts Made

NB

3, 7, 81

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173

pages 182 and
183 are blank

84

BOOK-

Ro

Chs.

19,00

30.50

33,00

40,00

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Re-Survey E Boundy T. 27 S. R. 25 E.

Chs. Survey commenced Oct. 21st 1880

I take an observation of the North Star and adjust my Solar compass to the Meridian thus obtained.

From cor. to Tps. 26 and 27 S. R.S. 25 and 26 E. re established by me I re survey

South on E. side Sec 1,

Var. 15° 10' E.

19,00 Gulch drains E. Enter willows.

30,50. Indian trail bears E. & W. Leave pines.

32,00 Geyser creek 14 links wide, 15" deep, runs E.

40,00 No trace of ¼ cor. Therefore set gray sandstone 14×12×6", 10" deep, marked ¼ on W. side, with

BOOK

Re-Survey East Boundary T. 27

Chs.		Chs.
	reg. mound of earth and pits for 1/4 Sec. cor.	
42.00	Leave willows, Ascend. Center timber.	
45.00	Ascend gradually.	
63.00	Ascend	
80.00	Find old cor displaced, and bearing trees destroyed, I reset same bring a gray sand stone 16x12x10", 10" deep, marked 1 notch on N and 5 on S. edge, for cor. to sec. 1, 12, 6 and 7. from which.	0.50
	A pine 18" dia. bs. N. 27½ E. 68 links	40.00
	" " 16" " " S. 49° E. 36 "	
	" " 22" " " N. 64½ W. 95 "	
	" Quaking asp 8" " " S. 55° W. 22 "	
	Land 1st " 42.00 chains, rolling.	
	Soil 1st " rate.	
	Remainder Mountainous,	69.00

BOOK-A-173

T. 27 S. R. 25 E. S.L.M.

Chs. Soil 2nd rate.
Timber — yellow pine and some quaken aspen on 1st 20.50 chains, scattering on last 38.00 chains heavy. Thick willow brush on 11.50 chains.

Southerly along E. side Sec. 12.

Var. 15° 10' E.

0.50 Enter timbered plateau.

40.00 The old cor. near by evidently displaced and bearing trees destroyed by fire, I reset same being a gray sand stone 15 x 14 x 16", 10" disp. marked "4 on W. side, for 1/4 Sec. cor. from which
An Aspen 10" dia. bs. S. 23 3/4° W. 30 links
A Pine 30" " " N. 74° E. 125 "

69.00 Gulch drains E.

Re-Survey East Boundary

Chs		Chs.
80,00	Old cor. destroyed and gone, Reestablish same by setting gray sandstone 11 x 14 x 6", 10" deep, - marked 2 notches on N. and 4 on S. edges, for cor. to Sec. 7, 18, 17, & 13. from which A pine 48" dia. bs. N 46½° W. 40 links	37,00
	" " 10" " " N 42° E. 148 "	40,00
	" " 26" " " S. 49° E. 96 "	
	" " 16" " " S. 3½ W. 99 "	42,00
	Land rolling plateau, Soil 1st rate, Timber - yellow pine and some quakeaspe.	48,00
	South on re-survey along E. side Sec. 13. Var. 15° 10' E.	62,50
36,00	Leave timber, Descend gradually, Enter open flat.	80,00

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T. 27 S. R. 25 E. S.L.M.

Chs.	
27.00	Hollow drains S.E.
40.00	Old cor. removed and upset, reset same, being a gray sandstone 15×10×6", 10" deep, marked ¼ on N. side, with reg. mound of earth and pits, for ¼ Sec. cor.
42.00	Ascend
48.00	Top of low ridge bears N.W. & S.E. Descend.
62.50	Hollow drains S.E. Ascend gradually. Enter oakbrush.
80.00	Old cor. in place, being a gray sandstone 20×9×8", 15" deep in mound of rock, marked 3 notches on N. & S. edges, to which I add a mound of earth from 4 pits, each 24×12×12". As cor. to Sec. 13, 24, 18 & 19.

Re-Survey East Boundary

Chs.	
	Land rolling. Soil 1st and 2nd rate, rocky in places. Timber — yellow pine and quakenasp. on 1st 25,00 chains. Heavy brush on 17.50 chains
	✓
	South on resurvey along E. side of Sec. 24 Var. 15° 10' E.
3,00	Ascend.
12,00	Top enter rolling plateau.
15,00	Enter timber, leave brush.
35,00	Descend.
40,00	Old cor. destroyed and bearing trees burned re-establish same by setting gray sandstone 18×12×8", 12" deep, marked 1/4 ~~notches on N and 2 on S edges with reg. mounds and pits~~

BOO

T.

Chs.

44,00

46,00

55,50

64,30

71,00

80,00

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T. 27 S. R. 25 E. S.L.M.

Cht. on N. side for 1/4 Sec. cor.
from which,
A pine 30" dia. bt. N 49½° W. 36 links
" " 22" " N 57° E. 64 "
Both marked "1/4 S.B.T."
44,00 At foot.
46,00 creek 2 link w. 3" deep, runs E.
55,50 " 1 " " 2" " " N 75°
E. Ascend
64,30 Pine 28" dia. On top.
71,00 Descend
80,00 At foot.
Old cor. destroyed, therefore
set gray sandstone 26×13×8"
18" deep, marked 4 notches on
N. and 2 on S. edges, with
reg. mound of earth and pits
for cor. to Secs. 24, 25, 19 & 30.
from which
A pine 26" dia. bt. N 16° E. 45 links

Re-Survey East Boundary

Chs.		Chs.
	A pine 44" dia. bd. S. 54° E. 15 links	
	" " 21" " " S. 30° W. 65 "	
	" " 22" " " N. 6° W. 53 "	
	Land mountainous,	
	Soil 2nd rate.	
	Heavy oak brush on 1st 15.00	47.50
	chains.	53.00
	Timber yellow pine and	80.00
	quaking asp on 65.00 chains.	
Here	South on resurvey along	
	E. side Sec. 35	
	Var. 15° 10' E.	
5.50	Hollow with spring E.	
14.00	Mound	
19.00	Enter plateau.	
34.50	Wash drains E.	
40.00	Old cor. in place, being a gray	
	sandstone 18×16×4", 13" deep,	
	marked 34 on W. side, in	

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T. 27 S. R. 25 E. S.L.M.

Cts. mound of stones, at 1/4 Sec. cor.
from which.
A Pine 24" dia. bs. N. 21° E. 50 links
" " 20" " " S. 35° W. 80 "
Marked "U.S.B.T."
47,50 Hollow drains E.
53,00 " " N. 40° E.
80,00 Old cor. destroyed and removed.
Are set same, being gray
sandstone 19x13x13", 12" deep,
marked 5 notches on N. end 1
on S. edge, in mound of stones
from which.
A pine 16" dia. bs. S. 58° E. 12 links
" " 20" " " S. 3 1/2° W. 96 "
Land rolling. Soil 2nd rate.
Timber pine and some
quakenasp on 80,00 chains.

BOOK-

Re Survey E. Boundy T. 27 S. R. 25 E.

Chs.	South on re survey along E side Sec. 36.	
	Var. 15° 10' E.	
2,00	Leave plateau and timber, Descend	
8,00	Enter valley, Descend gradually.	
35,00	Creek 3 lks w. 6" deep runs S.E. Ascend "	
40,00	No trace of old cor. Set granite 24×14×8", 18" deep, marked 1/4 on W. side with reg. mound of earth and pits for 1/4 Sec. cor. from which. A pine 36" dia. bs. N. 56° W. 42 links. Enter heavy brush.	
80,00	No trace of old cor. trees destroyed by fire. Set gray sandstone 18×10×9" 12" deep in large mound of stones and earth and pits, marked 6 notches on N.S.E. & W. edges, for cor. to Tps. 27 and 28 S. R. 25 and 26 East.	16,00
	Land 1st 8.00 chains mountainous	

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R. Survey E. Brandy T. 27 S. R. 25 E.

Soil 3rd rate.
Remainder gently rolling
Soil 1st rate.
Timber — pines on 1st 20 chs,
Scattering pines on remainder,
Heavy brush on last 40.00
Chains.

✓ October 21st 1880.

I have taken an observation of the North Star and find, that the line last run, agrees with the meridian obtained

From the cor. to T. pts. 26 & 27
S. R. 24 & 25 E. I run.
South along W. side Sec. 6.
Var. 15° 10' E.

Descend
16.00 Indian trail bs. N. 70° W. and
S. 70° E. Enter heavy timber.

BOOK-A-

West Boundary T. 27. S.

Chs.		Chs.
26,00	Geyser creek 10 links wide, 18" deep, runs S.E. Ascend	
40,00	On side of hill	
	Set charred quaken asp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on W. side, for 1/4 Sec. cor. from which.	
	A quaken asp 12" dia. bs. S 10° W. 5 links	
	" " 14" " " N. 45° E. 15 "	
	Both marked 1/4 S. B. T.	
43,50	Ridge bs. N.W. & S.E. Descend.	
63,00	Gulch drains E. Ascend	
80,00	Set gray sandstone 20×12×10	11,00
	15" deep, marked 1 notch on	25,50
	N. and 5 on S. edges, for	
	cor. to secs 1, 6, 7 and 12,	40,00
	from which	
	A balsam 14" dia. bs. S. 16° E. 40 links	
	" " 16" " " S. 20° W. 35 "	

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S. R. 25 E. S. L. M.

Chs.	A yellow Pine, 24" dia. bs. N. 45½° E. 58 link
	" " " 40" " " N. 15° W. 69 "
	Land mountainous, Soil 2nd rate, rocky in places.
	Timber - Scattering quakenasp on 1st 11.00 chains.
	Heavy yellow, balsam and red pines and quakenasp on last 65.26 chains. ✓
	South along W. side of Sec. 7
	Var. 15° 10' E.
11,00	Top of ridge bs. N. E. Descend
25.50	creek 6 link wide, 6" deep, runs E. Ascend
40,00	Set granite stone 16×11×10", 10" deep, in mound of stone, marked ¼ on W. side, for ¼ Sec. cor. from which. ✓

BOOK-A

West Boundary T. 27 S. (

Chs.		Chs.
	A Balsam 16" dia. bs. N. 16° E. 52 links	
	" Quakenasp 8" " " S. 63° E. 10 "	
	Both marked "4 S. B. T."	3,00
44,00	Top.	9,00
55,00	Descend	
64,00	Foot of ridge, Descend gradually.	29,00
80,00	Set porphyry stone 20×15×12", 15" deep	40,00
	marked 2 notches on N. and 4 on	
	S. edges in mound of stones,	
	for cor. to secs. 7, 12, 13 and 18.	
	from which	
	A yellow pine 22" dia. bs. N. 62° W. 124 links	
	" red " 14" " " S. 43½° W. 85 "	
	" quakenasp. 9" " " S. 18° E. 24 "	
	" " 10" " " N. 56° E. 30 "	61,00
	Land mountainous, Soil 2nd rate,	69,00
	rocky in places.	~~See notes~~
	Timber - yellow, red, balsam	80,00
	pine and quakenasp on	
	80.00 chains.	

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S. R. 2 E. S. L. M.

Chs.	
	South along W. Side Sec 18 Var. 15° 10' E.
3,00	Descend
9,00	creek 5 lks wide 6" deep, runs N. E. Ascend
29,00	Enter plateau, N. E.
40,00	Set charred quakenasp post 4×4", 4 feet long. 2 feet deep, marked 1/4 S. on W. side, for 1/4 Sec. cor. from which. A yellow pine 18" dia. bs. N. 67 1/2° W. 66 lks " quakenasp 10" " " S. 6° E. 35 " Both marked 1/4 S. B. T. Descend
61,00	Hollow drains N. E. Ascend
69,00	Top. Ascend gradually.
~~[illegible]~~	~~Ascend~~
80,00	Top. Set granite 18×14×12", 12" deep, in mound of stones, marked

West Boundary T. 27 S. R.

Chs.		Chs.
	3 notches on N. and S. edges, for cor. to secs. 13, 18, 19 and 24 from which	
	A yellow pine 24" dia. bs. S. 79° W. 13 lks	45.00
	" " " 20" " " S. 23¼° E. 96 "	56.00
	quakenasp 10" " " N. 14° E. 42 "	
	Land mountainous, Soil 2nd rate, rocky in places, Timber-yellow, red, and balsam pine and quakenasp on 80.00 chains.	76.00
		80.00
	South along W. side Sec 19 Var. 15° 10' E.	
	Enter plateau.	
9.00	Descend.	
25.00	Hollow drains E. Ascend	
40.00	Set granite 22 x 16 x 14", 15" deep in mound of stones, marked ¼ on W. side, for ¼ Sec. cor. from which	

R. 25 E. S.L.M.

Chs.	A quakenasp 6" dia. bs. N. 10° E. 26 links
	" " 5" " " S. 16° W. 22 "
	Both marked "1/4 S. B. T."
45.00	Enter plateau.
56.00	Leave plateau and pine timber,
	Enter quakenasp. Descend
76.00	Foot descend gradually.
80.00	Set charred quakenasp post 4x4"
	4 feet long, 2 feet deep, marked
	4 notches on N and 2 on S.
	edges, for cor. to secs. 19, 24, 25
	and 30. from which.
	A quakenasp 7" dia. bs. N. 17° W. 15 links
	" " 10" " " S. 2 3/4° W. 18 "
	" " 10" " " S. 53° E. 30 "
	" " 9" " " N. 45° E. 32 "
	Land mountainous, Soil 2nd rate.
	rocky in places. Timber - yellow,
	red and balsam pine and quakenasp
	on 1st 56.00 chains, quakenasp on
	last 24.00 chains

West Boundary T. 27 S.

BOOK-A-

Chs.		Chs.
	South along W. side Sec. 30	
	Var. 15° 10' E.	
5,00	Descend	
10,00	Hollow drains E. Ascend	
14,00	Pops. Descend gradually.	
	Enter oak brush and young quakenasp.	
40,00	Set granite 15×14×10", 10" deep,	
	in mound of stones marked 1/4 on	
	W. side; for 1/4 Sec. cor.	
	Trees too small to mark.	
45,00	2 chains E. a lake N.E. 15.00 chs.	15.00
	by 4. chains wide, creek from	35,00
	lake runs S.E. Enter quakenasp.	40,00
80,00	Set sandstone 19×14×10", 12" deep,	
	marked 5 notches on N. 1/4 S. 1 on	
	S. edges, with reg. mound of earth	
	and pits, for cor. to secs. 25, 30,	55,00
	31 1/4 36.	62,80
	from which	65,00
	A quakenasp 14" dia. bs. S. 46 3/4° E. 42 links	80,00

R 25 E. S.L.M.

Chs.	A quakenasp 10" dia. bs. N 30° W. 60 links
	" " 8" " " N 40½° E. 100 "
	Land rolling,
	Soil 1st and 2nd rate, rocky
	in places. Timber – quakenasp on
	1st 14.00 and last – 35.00 chains
	Heavy undergrowth on remainder.
	✓
	South along W. side Sec 31
	Var 15° 10' E.
15.00	Leave quakenasp, Enter willows
35.00	creek 3 links w. 6" deep, runs S.E.
40.00	Set porphyry stone 17×10×5", 12"
	deep, marked ¼ on W. side, with
	reg. mound of earth and pits.
	for ¼ Sec. cor.
55.00	Indian trail bears N 10° W.
62.80	Creek 3 links w. 6" deep, runs S.E.
65.00	Leave willows.
80.00	Set a granite 21×8×7", 14" deep,

West Boundary T. 27 S. R. 25 E.

Chs. Marked 6 notches on N.S.E. & W. edges, with reg. mound of stones and earth, and pits, for cor. to Townships 27 & 28 S. Rs 24 and 25 E.

Land rolling, Soil 1st rate.

Timber — quakenasp on 1st 15.00 chains.

Willows on rest 50,00 chains.

October 22nd 1880.

Note,

There take an observation of the North Star & find the line last run to correspond with the Meridian thus determined,

BOOK-

Sout

Chs.

1,00

3,00

South Boundy T. 27 S. R. 25 E.

Chs. - From the cor to Tps. 27 and 28 S. Rs. 24 and 25 E. I run East along the South boundary of on random line ~~[illegible]~~ Tp. 27 South, Range 25 East Setting temporary 1/2 mile and mile cor. and at 5 miles 79 chains and 42 links I intersect the East boundary of the Tp. 48 links S. of the cor. to Tps. 27 and 28 S. Rs. 25 and 26 E. the true course will therefore be S. 89° 57' W. and each true cor's falling 58 links West of 8 links north per mile.

From the cor. to Tps. 27 and 28 S. Rs. 25 and 26 E. re-established by me I run.

South 89° 57' W. on true line along S. side Sec 36.

Var. 15° 10' E.

1,00 Ascend

3,00 Top of bluff bears NW and S.E.

South Boundary T. 27 S. R. 2

Chs.		Chs.
	Enter timbered plateau.	
35,50	Hollow drains S.	
40,00	Set gray sandstone 16×14×10" 10" deep, marked 1/4 on N side, with reg. mound of earth and pits for 1/4 Sec. cor. from which	5,00
	A pine 35" dia. bs. N 74 1/4" W. 115 links marked "1/4 S. B. T."	15,00
		23,00
		26,75
		30,00
58,50	Descend. Leave timber.	
65,00	Enter valley.	33,40
72,00	Grywash drains S.	40,00
80,00	Set a Gray sandstone 24×10×10", 18" deep, marked 1 notch on E. and 5 on W. edges, with reg. mound of earth and pits for cor. to Secs. 1, 2, 35 and 36.	59,80
	In grove of small quakenasps.	80,00
	Land rolling, Soil 2nd rate.	
	Timber yellow pine on 55,00 chs.	

R. 25 E. S. L. M.

Chs.	S. 89° 54' W. along S. side Sec. 35.
	Var. 15° 10' E.
5,00	Wash drains S. 60° E. Ascend. Enter timber.
15,00	Top of plateau.
23,00	Pine 28" dia.
26,75	" 20" "
30,00	Descend. Leave timber. Enter brush.
33,40	Foot of bluff. Enter valley.
40,00	Set gray sand stone 36×10×9" 27" deep, marked 1/4 on N. side, with reg. mound of earth and pits. for 1/4 Sec. cor.
59,80	creek 4 links wide, 6" deep, runs S. Ascend gradually.
80,00	Set a Gray Sand stone 16×12×6", 10" deep, marked 2 notches on E. and 4 on W. edges.

South Boundary T. 27

Chs. with reg. mound of earth and pits, for cor. to Secs. 2, 3, 34 and 35.

Land 1st 33.40 chains rolling.

Soil 2nd and 3rd rate.

Remainder - nearly level, Soil 1st rate. Timber - yellow pine on 25.00 chain, brush on remainder.

October 25 1880.

~~October 22nd 1880~~

South 89° 57' W. on true line along S. side Sec. 34

Var. 15° 10' E.

9.50 Creek 3 links wide, 4' deep, runs S. E.

16.50 Ascend

25.00 Enter timber plateau, Leave brush.

35.00 Hollow drains S. E.

40.00 Set a Granite 19 × 19 × 4', 12" deep

BOOK-A-

S. R

Chs.

41.50

59.70

80.00

S. R. 25 E. S. L. M.

Chs. marked 1/4 on N side, for
1/4 Sec. cor. from which,
A pine 8" dia. bs. N 24° 45' W. 57 links
" " 5" " " S. 58° E. 55 "
Both marked 1/4 S. B. T.
41,50 Indian trail bears N and S.
59,70 Pine 34" dia.
80,00 ~~[illegible]~~ Porphyry 14×14×10', 10" deep,
marked 3 notches on E. & W.
edges, with reg. mound of
earth and pits for cor to Secs.
3, 4, 33 and 34, from which,
A pine 30" dia. bs. N 49 3/4° E. 72 links
" " 26" " " S. 22° 20' E. 74 "
" " 36" " " N 28° 45' W. 109 "
Land 1st 40,00 chains rolling.
Remainder level, Soil 2nd rate
Heavy brush on 1st 22,00 chs.
Heavy pine on last 58,00 "

BOOK-A-

South Boundary T. 27 S. R.

Chs.		Chs.
	South 89° 57' W. on true line along S. side Sec 33 – Var. 15° 10' E.	
26,50	Hollow drains S. 15° E.	
40,00	Set gray sandstone 18×6×4", 12" deep, marked 1/4 on N. side for 1/4 Sec cor from which.	10,00
	A pine 25" dia. bs. N. 51° E. 74 links	16,00
	" Quakenasp 9" " " S. 42° W. 8 "	22,00
	Both marked 1/4 S. B. T."	28,50
43,00	Hollow drains S.	31,00
80,00	Set red granite 26×10×5", 18" deep, marked 4 notches on E. 9/10 2 on W. edges, with reg mound of earth and pits, for cor. to Secs 4, 5, 32 and 33, from which	40,00
	A pine 38" dia. bs. N. 38 3/4° E. 18 links	45,00
	" " 40" " " N. 41 3/4° W. 92 "	55,00
	" " 36" " " S. 78° W. 75 "	
	Land nearly level, Soil 1st rate	64,00
	Timber, heavy pine on 80,00 chs.	75,00

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R. 25 E. S.L.M.

Chs.	South 89°57' W. on true line along S. Side 32.
	Var. 15° 16' E.
10,00	Descend
16,00	Hollow drains S. Ascend
22,00	Top. Descend
28,50	Hollow drains S. Ascend.
31,00	Top.
40,00	Sibred Sandstone 16×8×5", 10" deep, marked 1/4 on N. Side, for 1/4 Sec. cor. from which.
	A pine 8" dia. bs. S. 32° E. 39 links
	" " 18" " " N. 39° W. 60 "
	Both marked 1/4 S.B.T."
45,00	Descend
55,00	Creek 5 links wide, 6" deep runs S. 80° E. Leave timber, Ascend
64,00	Top
75,00	Enter quakenasps.

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South Boundary T. 27 S. R. 2

Chs.		Chs.
80,00	Set gray sandstone 21 × 10 × 8" 14" deep, marked 5 notches on E. and 1 on W. edges, with reg. mound of earth and pits for cor to Secs. 5, 6, 31, and 32, from which.	7,00
		36,00
		40,00
	A quaken asp 5" dia. bs. S. 11¼° W. 20 links dist.	
	Monument on Emery Peak bs. N. 32° 58' W.	
	Land rolling, Soil 2nd rate	60,00
	Heavy yellow pine on 1st. 55,00 chains.	71,00
	Young quaken asp on last 5,00 chains.	79,42

S. 89° 57' W. on true line along S. Side Sec. 31

Var. 15° 16' E.

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R. 25 E. S.L.M.

Chs.	
	Descend & leave quakinasps.
7,00	Enter wash, and heavy willows
26,00	Leave " " " " &
	Enter quakinasps.
40,00	Set gray sandstone 16×14×8", 10" deep, marked "H" on N side, for 1/4 Sec. cor. from which.
	A quakinasp, 15" dia. bs. S. 88° E. 8 links
	" " 1" " " S. 87° W. 14 "
	Both marked "1/4 S.B.T."
60,00	crick 2 links wide 3" deep,
	runs S. 25° E.
71,00	crick 3 links wide 4" deep
	runs S.E. Leave quakinasps.
79.42	The cor. to Tps. 27 & 28 S.
	Rs. 24 & 25 E.
	Land nearly level.
	Soil 1st-rate.
	Heavy willows on 79.00 chs.

Quakenasps on 35.00 chain

Note: Land gently rising 1 mile to foot of main Mountain.

Ernst Buettner

U. S. Deputy Surveyor.

BOOK-A-

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th, 1881.

The foregoing field notes of the survey of the West, South & Boundaries & Resurvey of the East Boundary

Township No 27 S., Range No 25 E.,

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Bruttner

Under his contract No 96

of the 28th day of July 1880,

in the month of October 1880,

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

J. H. Salisbury

U. S. Surveyor General for Utah.

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23 R.

Filed 187 .

Examined by

Compared by Boutette & Gorlinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions

of Township No. 27 S. , Range No. 25 E

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96,

dated July 28 1880.

Survey commenced Oct 25th 1880

Survey completed Nov 1st 1880

6 ...

copied by Gorlinski

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Township 27 S. R. 25 E.

195	6	313.	5	286.	4	269.	3	251.	2	234	1	185
	311		309		285		268		250.		233	
197	7	308	8	283	9	266	10	248	11	231	12	187
	306		305		282		264		247		230	
199	18	303	17	281	16	262	15	245	14	228	13	188
	302		300		279		261		243		227	
201	19	298	20	277	21	259	22	242	23	225	24	190
	297		295		276		258		240		223	
203	30	294	29	274	28	256	27	239	26	222	25	192
	292		290		272		254		237		220	
203	31	289	32	270	33	253	34	236	35	219	36	194
	212		211		210		208		207		205	

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Subdivisions T. 27 S. R. 25 E.

Chs.	
	Survey commenced Oct. 25th 18
	From cor to sect. 35 and 36 on S. boundary of Tp.
	Trav. North bet. sect. 35 and 36 Var. 15° 10' E.
5.00	Leave valley, Ascend. Enter timber
19.40	Pine 25" dia. Top. Descend
30.00	Hollow drains S.E. Ascend
40.00	Top. Set flinty sandstone 26 × 10 × 9", 20" deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 sec corner. from which A pine 25" dia. bs. N. 70° W. 58 links " " 22" " " S. 61° E. 140 " Both marked "1/4 S. B. T." Enter timber plateau.
74.50	Descend, Leave timber Enter Oakbrush

BOOK-

Subdivisions T. 27 S. Ra

Chs.		Chs.
80,00	At foot, Set red sandstone 13x7x17", 8" deep, with reg. mound and pits marked 1 notch on S. and E. edges, for cor. to sec. 25, 36, 30 and 31.	40,00
	Land rolling.	70,00
	Soil 2nd rate.	76,00
	Timber, yellow pine on 69,50 chains. Heavy brush on last 5,50 chains.	79,92
	East on random line bet. sec. 25 and 36. Var. 15°10' E.	39,96
15,00	Leave brush, Enter quakemasp. Hole: 5,00 chains N. Mouth of hollow.	79,92
21,00	Creek, 6 links wide, 8" deep, runs S. 80° E.	
25,00	Leave quakemasp.	

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Range 25 E. S.L.M.

Chs.	
40.00	Set temp. 1/4 Sec. cor.
	Note; crek 1 ch. S; foot of bluff 2 chains N.
70.00	At foot of sandstone bluff. Ascend
76.00	On top. Enter timber.
79.92	Intersect E. boundary of Tp. 7 links N of cor. to Sec. 25 and 36. from which Trees.
	N. 89° 57' W. on true line bet. Secs. 25 and 36.
39.96	Set gray sand stone 16+8+5, 16" deep, marked 1/4 on N side with reg. mound and pits for 1/4 Sec. cor.
79.92	The cor. to Secs. 25 and 26, 35 and 36.
	Land 1st 40 chs. rolling valley. Soil 1st rate, Rest mountainous. Soil 3rd rate.
	Heavy brush on 1st 15 chs.

Subdivisions T. 27 S.

Chs.	
	Quakenasp on next 10. chs. Pine on last 3.92 chains.
	North bet. Sec. 25 and 26 Var. 15° 10' E.
3,50	Creek 5 links wide, 4" deep, runs S. 70° E. Ascend
5,00	Enter timber.
9,00	Enter plateau.
40,00	Set quartzite 20×18×10", 15" deep, with rg. mound and pits, marked "4 on N. side, for "4 Sec. cor. from which, A pine 24" dia bt. S. 65° W. 15 links " " 21" " " N. 65° E. 145 " Both marked "4 S. B.T."
65,50	Descend. Leave plateau.
75,25	Creek, 4 links wide, 4" deep, runs S. E. Ascend
80,00	Set gray sandstone 14×10×7",

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R. 25 E. S.L.M.

Chs.	9" deep, with reg. mound and pits, marked 2 notches on S. and 1 on E. edges. for cor. to Secs. 23, 24, 25 and 26.
	from which.
	A pine 40" dia. bs. S. 62° E. 65 links
	" quakenasp 8" " " N. 65° W. 50 "
	" " 10" " " S. 41° W. 33 "
	Land, 1st 9 and last 14.50 chains mountainous.
	Rest, rolling timber plateau.
	Soil 1st and 2nd rate.
	Timber, yellow pine and quakenasp on last 75.00 chs.
	East on random line bet. Secs. 24 and 25
	Var. 15° 10' E.
	Ascend
6,00	Enter plateau.

Subdivisions T. 27 S.

Chs.	
32,00	Descend, Enter quakenasp,
40,00	Set temp 1/4 Sec. cor.
44,00	Creek 1 lk wide, 2" deep, six hollow runs S.E.
45,00	Leave quakenasp, Enter pine. Descend gradually.
79,88	Intersect E. boundary of Tp. 9 lks N of cor. to Sect. 24 and 25. from which Trees. N. 89° 50' W. on true line bet. Sect. 24 and 25.
39,94	Set gray sandstone 16×11×8" 10" deep, with reg. mound and pits, marked 1/4 on N side, for 1/4 Sec. cor. from which A quakenasp 10" dia. bt. S. 10° E. 17 links " " 6" " " North, 35 " Both marked 1/4 S.B.T.
79,85	The cor. to Sect. 23, 24, 25 and 26

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2-25

R. 25 E. S.L.M.

Chs.	Land rolling. Soil 1st & 2nd rate. Timber - yellow pine and quaking asp on 79.88 chains.
	North bet. Secs. 23 & 24. Var. 15° 10' E.
	Ascend
5,00	Enter plateau.
24,00	Leave " Descend
33,50	Wash drains S.E. Ascend
40,00	Set Sandstone 12x12x10", 8" deep, with reg-mound of earth and pit, marked "1/4 on W. side, for 1/4 Sec. cor. from which A quaking asp, 5" dia. bs. N. 77½ 30' W. 18 links dist. marked "1/4 S. B.T."
41,00	Descend
50,00	Wash drains S.E. Ascend

Subdivisions T. 27 S.

Chs.	
68,00	Top of ridge bear. S.E. 5 chs. and N.W. Descend
72,00	At foot, Enter plateau.
80,00	Set Laid stone 24×18×12", 18" deep, with reg. mound of earth and pits, marked 3-notched on S. and 10 on E. edges, for cor. to Secs. 13, 14, 23 and 24. from which.
	A pine 36" dia. bs. S. 3¼° E. 40 links
	"quakewaspe" " N. 47° E. 42 "
	" " 14" " N. 62° W. 34 "
	" " 12" " S. 58½ W. 56 "
	Land high rolling.
	Soil 2nd rate.
	Rocky in place.
	Timber quakewaspe and yellow pine on 80,00 chains.

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R. 2 E. S. L. M.

Chs.	East on random line bet. Secs. 13 and 24 Var. 15° 16' E.
35,00	Leave heavy pine timber. Enter quaking asp.
40,00	Set temp. 1/4 Sec. cor.
65,00	Leave timber, Descend in heavy oakbrush.
73,00	Pond; Enter flat.
79,90	Intersect E. boundary of Tp. 6 miles S. of cor. to Secs. 13 and 24, from which Trees. S. 89° 57' W. on true line bet. Secs. 13 and 24
39,95	Set gray sandstone 22×18×12" 16" deep, with reg. mound of earth and pits, marked 1/4 on N side, for 1/4 Sec. cor. Note: Quaking asps the smallest trees.
79,90	The cor. to Secs. 13, 14, 23 and 24

Subdivisions T. 27 S

Chs.	
	Land 1st 65,00 chs nearly level
	Soil 1st rate.
	Covered with pine and quakemasp
	Rest rolling, Soil 2nd rate.
	North bet. Sect. 13 and 14
	Var. 15° 10' E.
22,00	Ascend
29,00	Enter upper plateau.
40,00	Set sandstone 14×12×3", 10" deep, with reg. mound and pits, marked 1/4 on W. side, for 1/4 Sec. cor. from which.
	A quakemasp 8" dia. bt. S. 14° W. 15 links
	" yellow pine 24" " " S. 73½° E. 62 "
	Both marked 1/4 S. B. T.
45,00	Descend Enter quakemasp.
51,50	Hollow drains S.E. Spring 5 chs. above, Ascend gradually.
61,00	Ascend enter pine.

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Range 25 E S.L.M.

Chs.	
76,00	Top of ridge bears N.W. ¾ S.E.
	Descend
80,00	Set sandstone 18×14×5", 12" deep, with reg. mound of earth and pits, marked H notched on S. and 1 on E. edge. for cor. to Secs. 11, 12, 13 & 14 from which.
	A pine 15" dia. bs. N 54° W. 13 links.
	"quakenasp 10" " " S. 3½° W. 52 "
	Land, high rolling.
	Soil 2nd " rate.
	Rocky in place.
	Timber, pine and some quakenasp on 1st W 5, and last 19 chains, Quakenasp on the rest.

Subdivisions T. 27 S.

Chs.	
	East on random line bet. Sec. 12 and 13. Var. 15° 15' E.
	Descend
6,00	Foot. Enter plateau.
18,00	Descend. Leave timber.
32,00	Hollow drains N.W. Spring bottom 10 lks. below. Ascend
40,00	Set temp. 1/4 Sec. cor. Descend
50,00	Hollow heads 10 lks. N.E. Ascend
	Enter timber.
62,00	Enter plateau.
79,84	Intersect E. boundary of Tp. 1/4 lines S. of cor. to Sec. 12 and 13 from which I run. S. 89° 54' W. on true line bet. Sec. 12 and 13
29,92	Set gray sandstone 15×12×10" 10" deep, with reg. mound and pits, marked 1/4 on N. side, for

Range 25 E S.L.M.

Chs.	
	1/4 Sec. cor.
79.84	The cor. to Secs. 11, 12, 13 and 13, 14.
	Land mountainous.
	Soil 2nd rate.
	Timber, yellow pine and quakenasp on 1st 18 and last 30 chs.
	North bet. Secs. 11 and 12
	Var. 15° 10' E.
	Descend
4,00	Foot of ridge, Enter plateau,
20,00	Descend Leave "
38,00	Foot, Leave timber, Enter bottom and willow brush.
39,40	Geyser creek, 15 links wide, 20" deep, runs N.E.
40,00	Mark Stationary Sandstone 3×3×1 1/2 feet above ground, with cross + and 1/4 on W. side.

Subdivisions T. 27 S.

Chs.		R. Chs.
	and erect mound of stones for 1/4 Sec. cor.	
41,50	Leave willows, Ascend. Enter timber.	
50,00	Top of low ridge, bears N.E. Descend.	
55,00	Hollow drains N.E. Ascend	
80,00	Set conglomerate sandstone 20×16×7", 15" deep, with reg. mound and pits, marked 5 notches on S. and 1 on E. edges, for cor. to Secs. 1, 2, 11, and 12, from which	23,3
		30,00
		30,2
	A pine 20" dia. bs. N 70° E. 32 links	32,00
	" " 16" " " S. 30½° E. 60 "	
	Land, mountainous.	40,00
	Soil, 2nd rate.	42,00
	Timber, yellow pine and quaken asp on 1st 38 and last 38.50 chains.	60,00
		79,8

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R. 25 E. S. L. M.

Chs.	
	Willows on 3.50 chains. October 25th 1880
	October 26th 1880 East on random line bet. sec. 1 & 12 Var. 15° 10' E.
	Descend
23.36	Indian trail, bs. N. & S. at foot of hill.
30.00	Leave timber, Enter willows.
30.25	Geyser creek 16 links wide 18" deep, runs North.
32.00	Leave willows, Ascend, Timber scattering.
40.00	Set temp. 1/4 sec. cor.
42.00	Ascend gradually.
60.00	Ascend. Enter timber.
79.82	Intersect E. boundary of Tp. 16 links S. of cor. to sec. 1 & 12

Subdivisions T. 27 S.

Chs.		R.
	from which I run.	Ch
	S. 89° 53' W. on true line	33,0
	bet. Secs. 1 and 12.	
39,91	Set granite 18 × 10 × 8"; 12" deep,	39,0
	with reg. mound of earth and	40,0
	pits, marked 1/4 on N side, for	77,0
	1/4 Sec. cor.	79,8
79,82	The cor. to secs. 1, 2, 11 and 12.	
	Land, high rolling.	
	Soil, 2nd rate.	
	Timber, pine and some	
	quakenasp on 1st 30 and	39,8
	last 19,82 chains.	
	Orth on random line	
	bet. secs. 1 and 2.	79.8
	Var. 15° 10' E.	
	Descend.	
15,00	Hollow drains E. Ascend	
31,00	Top of ridge, bs. E. & W. Descend.	

R. 25 E. S. L. M.

Chs.	
33,00	Bottom, Ascend, Enter scattering timber.
39,00	Enter plateau.
40,00	Set temp. 1/4 Sec. cor.
77,00	Leave plateau, Enter undergrowth.
79,82	Intersect N. boundary of Tp. 12 links E. of cor. to to secs. 1 and 2. from which I run. S. 5' E. on true line bet. secs. 1 and 2.
39,82	Set red sandstone 14×10×6", 10" deep, with reg. mound and pits, marked 1/4 on W. side, for 1/4 Sec. cor.
79.82	The cor. to secs. 1, 2, 11, and 12. Land, 1st 39,00 chains mountainous, Soil 3rd rate. Rest level, Soil 1st rate. Timber pine on 1st 33,00 chs.

Subdivisions T. 27 S.

Chs.	Scattering on rest. Heavy oak brush on last 2,80 chs.
	From cor. to Secs. 34 and 35 on S. boundary of Tp. drun. North bet. Secs. 34 and 35 Var. 15° 10' E.
34,50	Creek, 2 links wide, 3" deep, runs S. 65° E.
40,00	Set gray sandstone 17 × 10 × 6", 12" deep, with reg. mound and pits, marked 1/4 on W. side, for 1/4 Sec. cor.
64,75	Creek, 4 lks. wide, 4" deep, runs S. E.
71,00	Leave brush, Enter quakenasp.
80,00	Set gray sandstone 24 × 15 × 5" 18" deep, with reg. mound of earth and pits, marked 1 notch on S. and 2 on E. edges.

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R. 25 E. S.L.M.

Chs.	for cor. to Secs. 26, 27, 34 and 35 from which A quakenasp 8" dia. bs. N 70° W. 45 links " pine 24" " " N 15° E. 115 " Land undulating valley. Soil 1st rate. Covered with heavy oak brush and young quakenasp on 71.00 chains. Last 9.00 chains on foot of hill. Soil, 2nd rate. Covered with quakenasp and some pines.
	East on random line bet. Secs. 26 and 35 Var. 15° 10' E.
3.00	Leave timber, Enter heavy brush,
7.00	Creek, 3 links wide, 3" deep, runs S.

Subdivisions T. 27 S.

Chs.	
10,00	Ascend.
19,00	Enter timber plateau.
40,00	Set temp. 1/4 Sec. cor.
59,50	Descend, leave timber, Enter oak brush.
80,00	Intersect N. and S. line 14 links N. of cor. to secs. 25, 26, 35 and 36 from which I run. N. 89° 54' W. on true line bet. secs. 26 and 35.
40,00	Set sand stone 12 × 10 × 6", 8" deep, with reg. mound & pits marked 1/4 on N. side, for 1/4 sec. cor.
80,00	The cor. to secs. 26, 27, 34 and 35. Land rolling. Soil 1st and 2nd rate. Timber, pine and some quakenasp on 43,50 chs. Heavy oak brush and

Range 25 E. S.L.M.

Chs.	
	young quakenasp on rest of mile.
	North bet. Secs. 26 and 27 Var. 15° 10' E.
	On E. side of hill.
20,20	Pine 8" dia.
22,30	Enter meadow, Leave timber.
36,00	Creek, 6 lks. wide, 2" deep, runs S.E.
40,00	Set quartzite 18×16×11", 12" deep, with reg. mound and pits, marked ¼ on W. side, for ¼ Sec. cor.
52,00	Ascend.
61,00	Enter timber plateau.
80,00	Set sandstone 12×10×8", 8" deep, with reg. mound of earth and pits, marked 2 notches on S. and E. edges, for cor.

Subdivisions T. 27 S.

Chs. to secs. 22, 23, 26 and 27.
from which.
A pine 30" dia bs. N 52½° W. 109 links
" " 25" " " S. 16° W. 174 "
" " 16" " " S 74½° E. 155 "
Land 1st 22.30 chains and
last 28.00 chains rolling.
Soil 2nd rate.
Rest-meadow, Soil 1st rate.
Timber-pine and quakemasp
on 1st 22.30 and last 19.00 chs

East on random line
bet. secs. 23 and 26
Var. 15° 10' E.

40.00 Set temp. ¼ sec. cor.
Descend
70.00 Foot, leave timber,
74.25 Creek 3 lks. wide, 4" deep, runs S.E.
Ascend gradually.

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Range 25 E. S.L.M.

Chs.

80,25 Intersect N. and S. line 12 links N. of cor. to secs. 23 24. 25 & 26 from which I run.
N. 89° 55' W. on true line bet. secs. 23 and 26

40,12 Set gray sandstone 18 x 14 x 5" 12" deep, marked 1/4 on N. side for 1/4 sec. cor. from which.
A pine 12" dia. bt. S. 76° W. 54 links
" " 16" " " S. 39° E. 68 "
Both marked 1/4 S. B. T.

80,25 The cor. to secs. 22, 23, 26 & 27
Land 1st 40.00 chs nearly level plateau. Remainder rolling.
Soil 2nd rate.
Timber on 1st 70.00 chains pine and some quakenasp.

Subdivisions T. 27 S.

Chs.	North bet. Secs. 22 and 23. Var. 15° 10' E.
40,00	Set gray sandstone 15×13×9" 10" deep, marked 1/4 on W. side for 1/4 Sec. cor. from which. A quakenasp 10" dia. bs. S. 4° W. 15 links " " 6" " " N. 35° E. 20 " Both marked 1/4 S.B.T.
48,00	Shallow pond 3 chs. wide,
50,80	Leave " surrounded by willows, Wash from pond drains S.E.
60,00	Ascend, Enter quakenasp.
73,00	Top of low ridge bs. N.W. & S.E. Descend
80,00	Set gray sandstone 14×7×4" 10" deep, marked 3 notches on S. and 2 on E. edges for cor to secs. 14, 15, 22 & 23 from which.

BC

Ch

15,0
29,4
40,0
65,0

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R. 25 E. S. L. M.

Chs. Aquakenasp 6" dia. bs. N. 53° W. 27 lks.
" " 1" " " S. 51½° E. 40 "
" " 6" " " S. 75° W. 35 "
Land 1st 60.00 chains level.
Soil 1st rate.
Timber—pine and some quakenasp.
Land last 20.00 chains rolling Soil 2nd rate.
Timber—quakenasp and some pine.

Cast on random line bet. Secs. 14 & 23
Var. 15° 10' E.
Descend
15.00 Hollow drains S.E.
29.40 " " " Ascend
40.00 Set temp. 1/4 Sec. cor.
65.00 Top of ridge bs. N.W. & E.

Subdivisions T. 27 S.

Chs.	Descend.	Chs
65,70	A sandstone ledge 20 feet high.	
72,00	Enter plateau.	
80,32	Intersect N. and S. line, 8 lks	2,0
	S. of cor. to secs. 13, 14, 23 and 24	15,0
	from which, I run.	40,0
	S. 89° 57' W. on true line	
	bet. secs. 14 and 23.	
40,16	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep,	
	marked 1/4 S. on N. side, for	
	1/4 Sec. cor. from which.	61,0
	A quakenasp 10" dia. bs. S. 67½° W. 42 links	75,0
	" " 10" " " N. 35° W. 19 "	
	Both marked 1/4 S. B. T.	79,0
80,32	The cor. to secs. 14, 15, 22 and 23	80,0
	Land mountainous, soil 2nd rate	
	rocky in places.	
	Timber - quakenasp and	
	some pine on 80.32 chs.	

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Range 25 E. S.L.M.

Chs.	North bet. Secs. 14 and 15 Var. 15° 16' E.
	Descend
2,00	Enter timbered plateau.
15,00	Head of gulch drains S.E.
40,00	Set gray sandstone 17×15×3, 15" deep, marked "4 on N. side with reg. mound of earth and pit for 1/4 Sec. cor. from which A pine 16" dia. bs. N. 5° E. 2 links marked "1/4 S.B.T."
61,00	Descend, Leave heavy pine.
75,00	Geyser creek 16 links wide, 18" deep, run E.
79,00	Wash drains S.E.
80,00	Set gray sandstone 20×16×13" 15" deep, marked 4 notches on S. and 2 on E. edges, with reg. mound of earth and pit, for cor. to Secs. 10, 11, 14 and 15.

Subdivisions T. 27 S.

Chs. from which

A quakenasp 10" dia. bt. S. 48° E. 70 links

" " 6" " " N. 12¼° W. 42 "

Land 1st 61.00 chains nearly level plateau,

Remainder mountainous, broken, rocky soil 2nd rate. Timber pine and some quakenasp on 61.00 chains, brush, quakenasp and some balsam pine on remainder.

October 27th 1880

Note: There take an observation of the North Star and find that the line last run agrees with the meridian thus obtained.

BOO

Ch

20,0

40,

41,0

60,

72,0

80,

40,

R. 25 E. S.L.M.

Chs.	East on random line bet. secs. 11 and 14
	Var. 15° 10' E.
	Ascend in heavy brush.
20,00	Top of end of broken sandstone ridge bs. N.W. Descend
	Enter timber.
40,00	Set temp. 1/4 Sec. cor.
41,00	Geyser creek 25 links w. 15" deep, runs N.E. Ascend
	Timber scattering.
60,00	Enter timbered plateau.
72,00	Ascend on N end of low ridge bears S.E.
80,30	Intersect N. and S. line 9 links S. of cor. to secs. 11, 12, 13, 14, from which I run.
	S. 89° 56' W on true line bet. secs. 11 and 14.
40,15	Mark stationary sandstone

Subdivisions T. 27 S.

Chs.		Chs.
	4 × 3½ × 3 feet above ground marked ¼ on N side, for ¼ sec. cor. from which.	10,00
	A quakenasp 4" dia. bs. N 25° E. 20 links	20,00
	" balsam pine 10" " " S. 44° W. 12 "	
	Both marked ¼ S.B.T.	
80,20	The cor. to secs 10, 11, 14 and 15.	
	Land, mountainous.	40,0
	Soil 2nd and 3rd rate.	
	Timber — quakenasp, balsam pine and yellow pine on 41.30 chs.	
	Heavy brush on 1st 20.00 chs.	
	Scattering quakenasp and pine on remainder.	80,0
	North bet. secs. 10 and 11 Var. 15° 10' E.	
	Ascend	
2,00	Enter timber.	

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R. 25 E. G. & S. L. M.

Chs.	
10,00	Top of sandstone ridge. Descend
20,00	Enter plateau. 15 chains E. pond 2.50 chains wide, from which wash runs N.E.
40,00	Set gray sandstone 14×10×9", 10" dep, marked 1/4 on N. side for 1/4 Sec. cor. from which A pine 20" dia, bs. N 52° W. 38 links " " 16" " " S. 2° W. 56 " Both marked "1/4 S.B.P."
80,00	Set red sandstone 16×10×8" 10" dep, marked 5 notches on S. end 2 on E. edge with reg. mound of earth and pits for cor. to Sec. 2, 3, 10 & 11. from which A pine 15" dia. bs. S. 63° E. 59 links

Subdivisions T. 27 S.

Chs.		Chs.
	A pine 18" dia. bs. N. 22½° E. 95 links	
	"quakenasp. 6" " " N. 33° W. 35 "	20,05
	and 1st 20 chains rocky,	40,13
	broken, mountains	
	Remainder nearly level.	
	Soil 1st rate.	
	Timber—pine and quakenash	
	on 77.00 chains.	80,37
	East on random line	
	bet. Sect. 2 and 11	
	Var. 15° 16' E.	
8,50	Wash drains N.E.	
20,00	Enter heavy pine.	
40,00	Set temp. ¼ Sec. cor.	
72,00	Descend heavy plateau.	
80,37	Intersect N. and S. line 15 lks	20,50
	S. of cor. to Sect. 1.2.11. and 12.	30,00
	from which Trun.	40,00
	S. 89° 54' W. on true line.	64,00

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R. 25 E. S.L.M.

Chs.	bet. secs. 2 and 11
20,05	Pine 26" dia.
40,18	Set gray sandstone 18×18×7 12" deep, marked 1/4 on N side for 1/4 sec. cor. from which. A pine 22" dia. bs. N 4 1/2 W. 27 links " " 20" " " S. 44 1/4° W. 76 "
80,37	The cor. to secs. 2, 3, 10 and 11 land rolling. Soil 1st rate. Timber quakenasp and some pine on 1st 20,00 chains. Heavy pine on 60,00 chains.

North on random line bet. secs. 2 and 3

Var. 15° 10' E.

20,50	Hollow drains E.
30,00	" " S.E.
40,00	Set temp 1/4 Sec. cor.
64,00	Leave dense timber.

Subdivisions T. 27 S. R. 2

Chs.		Cts.
79.90	Intersect N. bdy. of Tp. at cor. to sect. 2 and 3, from which trees South on true line, bet. sec. 2 and 3.	
39.90	Set red sandstone 20x18x5", 15" dep. marked "4 on N. side with reg. mound of earth and pits for 4 sec. cor. from which: A quaking aspen 3" dia. bs. S. 76 E. 4 links marked "4 S.B.T."	25,00 24,00 36,50 40,00
79.90	The cor. to sec. 2, 3, 10, and 11. Land nearly level. Soil fair to rate. Timber - quaking aspen and some pines on 64.00 chains. Scattering on remainder.	48,00 48,75 80,00

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R. 25 E. S. L. M.

Chs.	From cor. to Secs. 33 & 34 on S. boundy. of Tp. Iron North bet. Secs. 33 & 34. Var. 15° 10' E.
	Ascend gradually.
25,00	Ascend.
34,00	Foot.
36,50	Creek 4 links wide, 6" deep, runs E. in heavy brush.
	Ascend gradually.
40,00	Set granite 13×12×12", 10" deep, marked 1/4 on W. side, for 1/4 Sec. cor. from which.
	A pine 25" dia. bs. N. 26° W. 45 lks
	" " 18" " " S. 6° W. 72 "
	Both marked 1/4 S. B.T.
48,00	Ascend.
48,75	Enter bench, Ascend gradually.
80,00	Set Sandstone 15×10×4", 10" deep marked 1 notch on S. & 3 on

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Subdivisions T. 27 S. R.

Chs.		Chs.
	E. edge, with reg. mound of earth and pits for cor to secs. 27, 28, 33 & 34.	58.5
	from which.	65.0
	A pine 24" dia. bs. S 15° E. 125 links	
	" " 22" " " N. 28° E. 107 "	75.0
	" quakenasp 6" " " N. 68½° W. 46 "	79.9
	Land rolling, Soil 1st & 2nd rate.	
	Timber pine and some quakenasp on 80.00 chains.	
	East on random line bet. secs. 27 & 34	39.9
	Var. 15° 16' E.	
	Descend gradually.	
40.00	Set temp. ¼ sec. cor.	
43.10	Indian trail bs. N. & S.	
50.00	Descend sandstone bluff	79.9
	Leave timber.	
52.50	Foot, enter valley, and heavy brush.	

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R. 25 E. S. L. M.

Chs.

54.50 Creek 5 links wide, 6" deep runs S.E.

65.00 Ascend on S. side of ridge leave brush, Enter quakingasp.

75.00 Descend.

79.90 Intersect N. and S. line at cor. to sec. 26. 27. 34 and 35. from which I run.

West on true line bet. sec. 27 and 34.

39.95 Set sandstone 14+12+5", 18" deep, marked 1/4 on N. side, for 1/4 sec. cor. from which

A pine 20" dia. bs. S. 16½° W. 84 links

" quakingasp 9" " " N. 15° W. 46 "

Both marked 1/4 S. B. T.

79.90 The cor. to sec. 27. 28. 33 and 34

Land rolling, Soil 1st rate,

Timber - pine and quakingasp

BOOK

Subdivisions T. 27 S. R.

Chs.		Chs.
	on 50,00 chains,	
	Quakenasp on 14,40 chs.	42,00
	Heavy oak brush and	
	young quakenasp on 12,50 chs.	47,50
	North bet. Secs. 27 and 28.	80,00
	Var. 15° 10' E.	
9,50	Leave bench and pine timber.	
	Descend.	
13,00	Hollow drains E. Enter quakenasp, Ascend on E. end of low ridge.	
24,00	Descend. Enter pine.	
31,40	Creek 6 links wide, 6" deep, runs S.E. in willows.	
	Leave timber.	
40,00	In grove of young quakenasp. Set gray sandstone 20x8x6", 15" deep, marked ¼ on W. side with reg. mound of earth	

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R. 25 E. S. L. M.

Chs.	
	and pits, for 1/4 sec. cor.
42.00	Enter heavy brush.
	Ascend gradually.
47.50	Creek 2 links wide, 2' deep
	heads N. 47° E. 20 chains.
80.00	Mark stationary sandstone
	3×2×1½ feet above ground
	marked 2 notches on S. aspect
	2 on E. edges, in mound of
	stones for cor. to secs 21, 22,
	27, and 28.
	Land rolling, soil 1st rate.
	Timber — pine and quakenasp
	on 1st 9.50 chains.
	Quakenasp on 11.00 chains.
	Pine and quakenasp on
	7.40 chains.
	Heavy brush and young
	quakenasp on 38.00 chs.

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Subdivisions T. 27 S. R.

Chs.	October 28th 1881	Chs.
	East on random line	79.55
	bet. Sect. 22 and 27	
	Var. 15° 10' E.	
25.00	Ascend	
37.60	Creek 4 links wide, 6" deep,	
39.00	Indian trail bs. N.W. & S.E.	
40.00	Set temp. 1/4 Sec. cor.	
50.00	Leave brush, Ascend Sand-	
	stone bluff bears N.W. & S.E.	
59.00	Enter timbered plateau,	
79.85	Intersect N. and S. line 14 lks.	
	S. of cor. to Sect. 22, 23, 26 & 27	
	from which Drum	32.20
	S. 89° 54' W. on true line	
	bet. Sect. 22 and 27.	39.00
39.92	Set Sandstone 12x4x6", 8" deep,	
	marked 1/4 on N. side, with	40.00
	my mound of earth and pits	
	for 1/4 Sec. cor.	

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R. 25 E. S. L. M.

Chs.	
74.55	The cor. to Secs. 21, 22, 27 & 28
	Land rolling, soil 1st
	50.00 chains 1st rate.
	Remainder 2nd and 3rd rate.
	Pine on last 20.85 chains
	Heavy oakbrush and
	young quakenasp on 50.00
	chains.
	North bet. Secs. 21 & 22
	Var. 15° 10' E.
	In heavy brush.
32.20	Creek 5 links wide. 6" deep,
	runs S.E.
39.00	Ascend & Enter quakenasp
	Leave brush.
40.00	Set Charred quakenasp post 4x4",
	4 feet long. 2 feet deep,
	marked 1/4 S. on W. side,

Subdivisions T. 27 S.

BOOK

Chs.		Chs.
	for 1/4 Sec. cor. from which	
	A quakenasp 8" dia. bs. N 47° E. 18 lks.	
	" " 9" " " S. 32½° W. 25.	
	Both marked 1/4 S. B. T."	
52,00	Enter rolling plateau.	
80,00	Set charred quakenasp post	
	4x4", 4 feet long. 2 feet deep.	
	marked 3 notches on S. & E.	
	edges, with reg. mound of	
	earth and pits, for cor. to	30,80
	Secs. 15, 16, 21 and 22.	40,00
	from which	64,80
	A quakenasp 14" dia. bs. N 23° W. 40 lks.	71,50
	Other trees dead and too	
	small.	79,78
	Land 1st 40,00 chains	
	nearly level remainder rolling	
	Soil 1st rate, Heavy oak brush	
	and young quakenasp	
	on 1st 39,00 chains.	39,89

Chs.	Timber — Quakenaspe and some scattering pine on 41.00 chains. Monument on Emerys Peak bs. S. 81° 12' W.
	East on random line bet. Sect. 15 and 22 — Var. 15° 10' E.
30.80	Indian trail bs N. and S.
40.00	Set temp. 1/4 Sec. cor.
64.80	Hollow drains N. Ascends
71.50	Top of N. end of ridge bs. S.E.
79.78	Intersect N. and S. line Quarter N. of cor. to Sect. 14, 15, 22 and 23 from which I run. N. 89° 56' W. on true line bet. Sect. 15 and 22
29.89	Set charred quakenaspe post

Subdivisions T. 27 S.

Chs.		Ch.
	3 x 4", 4 feet long, 2 feet deep, marked 1/4 S on N. side, for 1/4 Sec. cor. from which A quakenasp 14" dia. bs. N. 68° E. 22 lks	40,00
	" " 10" " " S. 4 1/2° W. 28 "	
	Both marked 1/4 S. B. T.	
79.78	The cor. to Secs. 15, 16, 21 and 22 Land rolling. Soil 1st rate. Timber quakenasp and some scattering pine on 79.78 chs.	40,5
		51,00
	North bet. Secs. 15 and 16. Var. 15° 10' E.	60,00
9,00	Descend	65,0
14,90	Creek 3 links wide, 3" deep, runs S.W. in hollow. Ascend	72,7
20,00	Top of side ridge, bs. S.W. and N.E.	80,00
29,00	Wash drains S.W. Ascend	
38,00	Top of side ridge, Descend	

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R. 25 E. S.L.M.

Chs.	
40,00	Set gray sandstone 16×8×6" 10" deep, marked 1/4 on W. side with reg. mound of earth and pits, for 1/4 sec. cor. from which.
	A quaking asp 14" dia. bs. N. 60° W. 95 links marked 1/4 S. B.T.
40,50	Creek 3 links wide, 3" deep, runs N. E. in bottom, Ascend
51,00	Top of E. end of side ridge, Descend.
60,00	Hollow drains S.E. Ascend
65,00	Top of hill bs. S.E. Descend
72,25	Hollow drains S.E. Ascend.
80,00	Set gray sandstone 18×15×8" 12" deep, marked 4 notches on S. and 3 on E. edges, with reg. mound of earth and pits for cor. to Secs 9, 10, 15 & 16

BOOK

Subdivisions T. 27 S.

Chs.	from which	Chs.
	A quakenasp 15" dia. bs. N. 72° E. 21 links	35.0
	" " 6" " " S. 6° W. 4 "	40.00
	Geyser's cabin and corral bear	53.00
	S. 40° E. 5[illegible].00 chs.	59.00
	Land mountainous on 80.00 chs.	78.00
	Soil 1st and 2nd rate.	79.7[illegible]
	Timber — quakenasp and	
	some scattering pine on	
	80.00 chains, with heavy undergrowth.	
	East on random line	
	bet. Sect. 10 & 15	
	Var. 15° 16' E.	39.87
	Descend.	
13.50	Indian trail bs. N. & S.	
14.00	Enter meadow, leave timber.	
16.00	Geyser creek runs S.E. 20 links	
	wide, 12" deep.	
21.00	Ascend in brush and young	

R. 25 E. S.L.M.

Chs.	
	quakenasp.
35.00	Enter plateau.
40.00	Set temp. 1/4 Sec. cor.
53.00	Descend along S. side plateau.
59.00	Top of knoll. Descend
78.00	Wash drains S.E.
79.75	Intersect N. & S. line, 10 links S. of cor. to secs. 10, 11, 14 and 15 from which. I run. S. 89° 56' W. on true line. bet. secs. 10 and 15. A lake 6 chs. E. & W. 4 chs N. & S. bs. N.W. 5 chains.
39.87	Set red sand stone 19×15×10", 12" deep, marked 1/4 on N. side with reg. mound of earth and pits for 1/4 Sec. cor. from which. A quakenasp 4" dia. bs. S. 3° W. 6 links marked 1/4 S. M. T. Pond 3 chs. wide, bs. N 75° E. 25 chs.

Subdivisions T. 27 S. R.

Chs.		Chs.
79.75	The cor. to secs. 9.10. 15 and 16	
	Land mountainous.	
	Soil 1st and 3rd rate.	41,00
	Timber—quakenasp and	
	some scattering pine on	68,00
	1st 14.00 chains brush and	80,00
	young quakenasp on 58.75 chs.	
	North bet. secs. 9 and 10	
	Var. 15° 10' E.	
	On E. side plateau.	
8,00	Descend, Enter heavy timber	
	with thick under growth.	
20,00	Enter meadow, Leave timber.	
25,00	Geyser creek 15 links wide, 18"	
	deep, runs S.E. in brush.	
28,50	Lakeside trail bet. N.W. & S.E.	
	Ascend in heavy brush.	
40,00	Set gray sandstone 14×10×8"	

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R. 25 E. S.L.M.

Chs.	10" deep, marked ¼ on W. side, with reg. mound of earth and pits, for ¼ Sec. cor.
41.00	Enter plateau. Leave brush. Ascend gradually.
68.00	Enter quakenasp.
80.00	Set red sandstone 17×9×6", 12" deep, marked 5 notches on S. and 3 on E. edges with reg. mound of earth and pits, for cor. to Sec. 3, 4, 9 and 10 from which
	A quakenasp 10" dia. bs S. 62° W. 48 links. Other trees too small to mark. Land high rolling, Soil 1st and 2nd rate. Timber balsam pine and quakenasp, with heavy undergrowth on 12.00 chs. Heavy brush on 12.50 chains. Quakenasp on last 12.00 "

Subdivisions T. 27 S. R.

Chs.		Chs.
	East on random line bet. secs. 3 and 10	
	Var. 15° 10' E.	
	A pond 4 chs. wide, bs. N.E. 2 chs.	
26.00	Trail bs. N. and S.	
40.00	Set temp. 1/4 Sec. cor.	
	Descend gradually.	15.10
79.64	Intersect N. and S. line, at cor. to secs. 2, 3, 10 and 11 from which	18.00
	Trun	40.00
	W. on true line, bet. secs. 3 and 10.	41.00
		80.10
39.62	Set gray sandstone 14×10×6", 10" deep, marked 1/4 on N. side with reg. mound of earth and pits for 1/4 Sec. cor.	
79.64	The cor. to secs 3, 4, 9 and 10	40.10
	Land Sloping E. nearly level	
	Soil 1st rate, Timber-Scattering	

C. L. J. C. S. L. M.

Chs. quakenasp and pine with some undergrowth.

North on random line bet. Sec. 3 and 4
Var. 15° 10' E.

Ascend gradually.

15.10 Indian trail bt. E. and W.

18.00 Ascend high ridge, in scattering quakenasp.

40.00 Set temp. 1/4 Sec. cor.

41.00 Descend. Enter heavy pine

80.10 Intersect N boundary of Tp 18 links E. of cor. to Sec. 3 and 4 from which I run.

S. 8' E. on true line bet. Sec. 3 and 4

40.10 mark stationary sandstone 4x3x2 feet, above ground marked 1/4 on W. side, for 1/4 Sec. cor.

Subdivisions T. 27 S.

Chs.		Chs.
80.10	The cor. to secs. 3, 4, 9, and 10.	40,00
	Land 1st 18.00 chains sloping.	
	S. Soil 1st rate.	
	Remainder mountainous, Soil	
	2nd rate, rocky in places.	
	Timber – balsam, red, and	
	spruce pine, with some	
	quakenasp on last 39.10	42,00
	chains, Scattering quakenasp	53,00
	on remainder.	
	October 29th 1880.	58,40
	From cor. to secs. 32 and 33	63,00
	on S. boundary of Tp. I	63,50
	run.	80,00
	North bet. secs. 32 and 33	
	Var. 13° 10' E.	
	Ascend gradually.	

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N. 25 E. S. L. M.

Chs.	
40,00	Set gray sandstone 16×14×12", 10" deep in mound of stone marked "1" on W. side, for 1/4 Sec. cor. from which. A pine 24" dia. bs. S. 62½° E. 57 links " " 28" " " S. 31° W. 65 " Both marked "N. S. B.P."
42,00	Ascend
55,00	Enter bottom, leave timber, Enter brush and young quakenaspe.
58,40	Creek pond 15 links wide, 1 foot deep runs S. 65° E.
63,00	Ascend, leave brush, enter timber.
63,50	Enter brush, Ascend gradually.
80,00	Set gray sandstone 18×12×7", 12" deep, marked north on S. and 4 on E. edges, with reg. mound of earth and pits.

Subdivisions T. 27 S.

Chs.		Chs.
	for cor. to secs. 28, 29, 32 and 33 from which.	
	A pine 15" dia. bs. N. 41° E. 36 links	40,00
	" quaking p 7" " " N. 57° W. 18 "	75,00
	" " 6" " " S. 9° E. 25 "	
	Land 1st 45,00 and last 17,00 chains Slightly rolling, soil 1st rate, rocky in places, Remainder mountainous. Soil 2nd rate. Timber — pine on 1st 53,00 chains. Heavy brush on 10 chains Quaking p and pine on last 17,00 chains.	80,10
		40,05
	East on random line bet. secs. 28 and 33 Var. 15° 10' E.	80,10
	Ascend.	
25,00	Top of ridge bs. NW. & S. 70° E.	

N 25 E. S. L. M.

Ors	Descend along N. side of ridge.
40.00	Set limp 1/4 Sec. cor.
75.00	On W. end foot of ridge. Ends, plateau.
80.10	Intersect N. & S. line 9 links S. of cor. to secs. 27, 28, 33 & 34 from which run. S. 89° 30' W. on true line bet. secs. 28 and 33
40.05	Set gray sand stone 18×12×4", 12" deep, marked 1/4 on N. side, for 1/4 Sec. cor. from which Aquakenasp 8" dia. bs. S. 14° E. 6 links " " 9" " " N. 3° W. 8 " Both marked 1/4 S. B. P.
80.10	The cor. to secs. 28, 29, 32 & 33 Land rolling, Soil 2nd rate, rocky in places. Timber - Quakenasp and

Subdivisions T. 27 S

Chs.	
	pine, with some under-growth in 80,00 chains.
	Cook bet. secs. 28 & 29
	[illegible] 15° 10' E.
	Ascend in young quakenasp and brush.
14.00	Top of ridge bears N.W. & S.E. Descend. Enter timber.
39.30	Wash drains S.E. Ascend leave heavy timber. Enter young quakenasp & undergrowth.
40.00	Set gray sand tone 12 x 12 x 4" 8" deep, marked 1/4 cor. W. side for 1/4 sec. cor. from which.
	A quakenasp 8" dia. bs. N 83° E 36 lks
	" " 10" " " S. 8 E. 72 "
	Both marked 1/4 X. B. T.
47.00	Top of ridge bs. N.W. & S.E. Descend. Enter timber.

BOOK

R.

Chs.

52.70

67.00

80.00

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R. 25 E. S. L. M.

Chs.

52.70 Hollow drains S.E. Enter young quakenasp and brush. Ascend.

67.00 Top of ridge bs. N.W. & S.E. Descend. Enter timber.

80.00 Set charred quakenasp post 4x4", 4 feet long, 2 feet deep, marked 2 notches on S. and 4 on E. edges, for cor. to Secs. 20, 21, 28 and 29. From which

Aquakenasp 6" dia. bs. N. 3½° W. 34 links
" " 15" " " S. 65° W. 40 "
" " 10" " " S. 58½° E. 56 "
" " 7" " " N. 51½° E. 27 "

Land - mountainous,
Soil 2nd rate, rocky in places,
Timber - Quakenasp and pine with undergrowth of willows, young quakenasp and

Subdivisions T. 27 S.

Chs.		Chs.
	undergrowth on remainder.	
	East on random line bet. Secs. 21 and 28 Var. 15° 10' E.	
	Descend	80,10
6,50	Wash drains S.E. Ascend	
29,00	Top of ridge bs. N.W. and S.E. Descend Enter pine.	
40,00	Set temp. ¼ Sec. cor.	
47,00	Leave hill and timber, Enter bottom covered with young quaknasp and oak brush.	
59,50	Creek 5 links w. 6' deep, runs S.E.	
80,10	Intersect N. and S. line 9 links S. of cor. to Secs. 21, 22, 27 and 28 from which I run.	6,70
	S. 89° 56' W. on true line bet. Secs. 21 and 28.	
40,05	Set Sandstone 18×16×8", 12" deep	19,0

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R. 25 E. S.L.M.

Chs.	marked 1/4 on N side, for 1/4 sec. cor. from which. A quakenasp 12" dia. bs. N. 25° W. 14 links " pine 24" " " S. 14½° W. 63 " Both marked 1/4 S. B. T."
80.10	The cor. to secs. 20, 21, 28 and 29 Land 1st 47.00 Chains mountainous, Soil 2nd rate, rocky in places, covered with quakenasp and pine, Remainder nearly level, Soil 1st rate covered with heavy undergrowth.
	North bet. secs. 20 and 21 Var. 15° 10' E.
6.70	Wash drains S.E. Ascend in brush and young quakenasp. Leave timber.
19.00	Top of ridge bs. N.W. and S.E.

BOO

Subdivisions T. 27 S.

Chs.		R. Chs.
	Descend Enter pine timber.	
25,50	Pine 60" dia.	
35,25	creek 8 lks. wide, 4" deep, runs S.E. Ascend	
40,00	Set Sandstone 22×12×6", 15" deep, marked 1/4 on W. side of 1/4 Sec. cor. from which. A pine 20" dia. bs. N 73° W. 85 links " " 22" " " S. 15° E. 64 "	
47,00	Top of ridge bs. N.W. & S.E. Descend.	
64,00	Enter bottom, Leave timber.	
63,70	creek 3 lks. wd. 3" deep, runs S.E.	7,50
72,50	Ascend in brush and young quakenasp.	25,00
		40,00
80,00	Set Sandstone 20×20×4", 15" deep, marked 3 notches on S and 4 on E. edges, with reg. mound of earth and pits for cor. to Secs. 16, 17, 20	41,00
		53,00
		54,00
		57,50

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R. 25 E. S.L.M.

Chs.	and 21.
	Trees too small to mark.
	Land mountainous, soil
	1st and 2nd rate, rocky in
	places. Timber—pine and
	quakenasp on 51.70, ch
	Brush on last 7.50 chains.
	East on random line
	bet. Sect. 16 and 21.
	Var. 15° 10' E.
	Ascend in brush.
7.50	Enter plateau and timber.
25.00	On S. foot bluff. bs. N.W. vs. E.
40.00	Set temp. 1/4 sec. cor.
41.00	Descend, Enter brush and
	young quakenasp.
53.00	Enter bottom.
54.00	Wash drains S.
57.50	Creek 3 links wide, 3" deep, runs S.W.

Subdivisions T. 27 S.

BOOK

Chs.		Chs.
64,00	Ascend	
70,00	Enter plateau and timber.	
80,08	Intersect N. and S. line, 14 links	5,00
	S. of cor. to secs. 15, 16, 21 and 22	40,00
	from which I run.	
	S. 89° 54' W. on true line	
	bet. secs. 16 and 21.	
40,04	Set charred quakenasp post	
	4×4" 4 feet long, 2 feet deep	
	marked 1/4 on N. side, with	
	reg. mound of earth and pits	80,00
	for 1/4 sec. cor. from which.	
	A quakenasp 10" dia. bs. North, 5 links	
80,08	The cor. to secs. 16, 17, 20 and 21	
	f and rolling, soil 1st and 2nd rate.	
	Timber – Quakenasp and some	
	pine on # 3,50 chains.	
	Brush and young quakenasp	
	on remainder.	

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R. 25 E. S. L. M.

Chs.	
	North bet. Secs. 16 and 17
	Var. 15° 10' E.
	Ascend in brush.
5,00	Enter timbered plateau.
40,00	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on W. side, for 1/4 sec. cor. from which.
	A quakenasp 12" dia. bs. S. 21 3/4° W. 23,
	" " 14" " " N. 4° E. ,55
	Both marked 1/4 S. B. T."
80,00	Set gray sandstone 16×14×6 10" deep, marked 4 notches on S. & E. edges, with reg. mound of earth and pits for cor. to Secs. 8, 9, 16 and 17, from which,
	A quakenasp 10" dia. bs. N. 20 1/2° W. 50 lks,
	" " 8" " " S. 10° W. 47,
	Land slightly rolling soil 1st rate,

Subdivisions T. 27 S.

Chs.	
	Timber — quakenasp and some pine on 75.00 chs.
	East on random line bet. Secs. 9 and 16. Var. 15° 10' E.
40.00	Set temp 1/4 sec. cor.
64.00	Along S. edge plateau.
72.00	Descend.
80.12	Intersect N. and S. line 10 links S. of cor. to Secs. 9, 10, 15 and 16, from which I run. S. 89° 56' W. on true line bet. Secs. 9 and 16.
40.06	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on N. side, with reg. mound of earth and pits for 1/4 sec. cor. from which A quakenasp 6" dia. bs. S. 35° W. 52 links

BOOK

K

Chs.
80.12

17.00
30.00

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R. 25 E. S. L. M.

Chs.	
80.12	The cor. to Secs. 8, 9, 16 & 17. Land slightly rolling. Soil mostly 1st rate, Timber — quakenasp and some pine on 80.12 chains

October 30th 1880.

Note: Here take an observation of the North Star and find that the line last run agreed with the meridian thus obtained.

North bet. Secs. 8 & 9
Var. 15° 10' E.

17.00	Descend, enter heavy pine
30.00	At foot. Enter willows and bottom. Leave timber.

Subdivisions T. 27 S.

Chs.	
33,50	Geyser creek, 20 links wide, 15" deep, runs S.E.
40,00	In willows.
	Set granite 20 × 15 × 10", 15" deep, marked ¼ on W. side, with reg. mound of earth and pits for ¼ sec. cor.
41,00	Ascend in pine.
59,00	Leave pine. Enter plateau and quakenasp.
[illegible]	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep marked 5 notches on S. and 4 on E. edges, with reg. mound of earth and pits for cor. to secs. 4, 5, 8 and 9 from which
	A quakenasp 8" dia. bs. N. 16½° W. & 8 links
	" " 10" " " S. 59° E. 47 "

BOO

R

Chs.

20,00

32,00

39,00

40,00

70,00

80,2

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R. 25 E. S. L. M.

Chs.	A quakenasp 7" dia. bs. N 55° E. 75 links
	Land rolling, soil 1st and 2nd rate.
	Timber heavy bal sam, and
	red pine on 31,00 chains.
	Quakenasp and some
	yellow pine on 38,00 chs.
	willows on remainder.
	Moreme et on Emerys Peak
	bs. S. 45° 30' W.
	East on random line
	bet. Secs. 4 and 9
	Var 15° 10' E.
20,00	Leave timber.
32,00	Indian trail bs. N.W. and S.E.
37,00	Wash drains S.E.
40,00	Set temp ¼ Sec. cor.
70,00	Enter quakenasp with
	undergrowth
80,25	Intersect N. and S. line 16 links

Subdivisions T. 27 S.

Chs.		R. Chs.
	S. of cor. to Sec. 3 & 4, 9 & 10, from which I run.	36,00
	S. 89° 53' W. on true line bet. Sec. 4 and 9.	40,00
40,12	Set Sandstone 14 x 10 x 8", 10" dep, marked 1/4 on N. side with reg. mound of earth and pits, for 1/4 Sec. cor.	75,00
80,25	The cor to Sec. 4, 5, 8 & 9. Sand nearly level. Soil 1st rate. Timber, quaking asp on 30,25 chains.	80,40
	North on random line bet. Sec. 4 and 5. Var. 15° 10' E.	40,40
27,00	Indian trail bs E & W. Wash drain S.E. Leave quaking asp.	80,40

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R. 25 E. S.L.M.

Chs.	
36.00	Ascend, Enter scattering quakenasp.
40.00	Set temp. 1/4 Sec. cor.
75.00	Top of high ridge bear S. Easterly. Descend Enter heavy pine timber.
80.40	Intersect N boundary of Twp. 25 links E. of cor. to Sect 4 & 5. from which True. S. 11' E. on true line bet. Sect. 4 and 5.
40.40	Set granite stone 14x10x6", 10" deep marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor.
80.40	The cor. to Sect. 4, 5, 8 & 9. Land 1st 36.00 chains sloping E. Soil 1st rate. Remainder mountainous.

Subdivisions T. 27 S.

Chs.		
	Soil 2nd and 3rd rate Timber — quaking asp on 1st 27,00 chains; heavy pine on last 5,40 chains.	
		11,00
		21,50
		30,00
		40,00
		70,00
		80,00

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R. 25 E. S. L. M.

Chs.	
	From the cor to Secs. 31 and 32 on S. boundy. of Tp. I run.
	North bet. Secs. 31 and 32 Var. 15° 10' E.
	In quakenasp.
11,00	Descend.
21,50	creek 4 links wide, 6" deep in hollow drains S.E. Ascend.
30,00	Enter plateau and pine.
40,00	Mark stationary sandstone 4×3×1 foot above ground marked 1/4 on W. side, for 1/4 Sec. cor. from which, A pine 16" dia. bs. N 81° W. 73 lks. " " 18" " " S. 6½° E. 46 " Both marked 1/4 S. B. P."
70,00	Timber scattering heavy undergrowth.
80,00	Set limestone 12×10×6", 8" deep, marked 1 notch on S. and 5

Subdivisions T. 27 S.

Chs.		Chs.
	Enters, with reg. mound of earth and pit for cor. to sect. 29, 30, 31 and 32	30.00
	from which	35.51
	Aquamasp 8" dia. bt. S. 33° E. 39 links.	40.00
	Land 1st 11.00 and last 50.00 chains level plateau.	46.00
	Soil 1st rate.	53.40
	Remainder mountainous rocky.	
	Timber quakemasp on 1st 11.00 chains, pine and quakemasp on 40.00 chains.	57.50
	Bush and scattering timber on last 10.00 chains.	79.90
	Cast on random line bet. sect. 29 and 32	39.95
	Var. 15° 10' E.	

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R. 25 E. S.L.M.

Cts.	Descend along N. side of plateau in oak brush.
30.00	Enter bottom and quaking asp.
35.50	creek 4 links wide, 6" deep, runs S.E. in hollow.
40.00	Set temp. 1/4 Sec. cor. Ascend in quaking asp.
46.00	Top of low ridge, Descend
53.40	creek 2 links wide, 2" deep runs S.E. in willows, Leave timber.
57.50	Enter bench and timber, Ascend gradually.
79.90	Intersect N. & S. line 2 links S. of cor. to Sect. 28, 29, 32 & 33 from which I run. S. 89° 51' W. on true line bet. Sect. 29 and 32.
39.95	Set gray sandstone 14 x 12 x 7" 10" deep, marked 1/4 on N. side

Subdivisions T. 27 S.

Chs.		Chs.
	For 1/4 Sec. cor. from which	
	A quakenasp 4" dia. bs. N 4° W. 15 links	56,00
	" " 5" " " S. 15° W. 5 "	
	Both marked 1/4 Sec. cor.	79,35
79,90	The cor. to Secs. 29, 30, 31 & 32	
	Land rolling, Soil 1st and 2nd rate.	
	Timber - quakenasp on 23,40 chains, Pine & quakenasp on 21,90 chains.	39,35
	Brush on 1st 30,00 chains.	
	West on random line	79,35
	bet Secs. 30 and 31	
	Var. 15° 10' E.	
30,00	Leave timber, Enter scattering quakenasp with heavy undergrowth.	
40,00	Set temp. 1/4 Sec. cor.	
46,00	Enter willows.	

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R. 25 E. S.L.M.

Chs.	
56.00	S. side of lake 7 chains E. & W. 4 chains N. and S.
79.35	Intersect W. Boundy of Tp. 28 links N. of cor. to Secs. 30 & 31, from which I run. N. 89° 48' E. on true line bet. Secs. 30 and 31
39.35	Set granite 14×10×3", 10" deep marked 1/4 on N. side, with reg. mound of earth and pits for 1/4 Sec. cor.
79.35	The cor. to Secs. 29, 30, 31 and 32.
	Land Sloping S.E. Soil 1st rate Timber - quakenalp and pine on 1st 30.00 chains. Heavy brush on remainder.

Subdivisions T. 27 S.

Chs.	North bet. Secs. 29 and 30. Var. 15° 10' E.
	In heavy oak brush, Descend
2,75	creek 3 links wide, 4" deep, runs E. in willows,
	Ascend
15,00	Enter plateau and quakenasp, Leave brush.
27,00	Leave plateau and quakenasp.
	Descend
34,35	creek 4 links wide 3" deep, runs S.E. in willows.
	Ascend
40,00	Set limestone 14×10×5", 10" deep, marked ¼ on W. side, with reg. mound of earth and hits for ¼ sec. cor.
44,00	Enter timbered plateau.
62,50	Head of hollow drains S.E.
74,00	Ascend on S. end of

BOOK

R.

Chs.

80,00

BOOK-A-173

95

R. 25 E. S.L.M.

Chs. ridge bears N.E. and S.W.

80,00 Set Sandstone 14×10×8", 10" deep, marked 2 notches on S. and 5 on E. edges, for cor. to sec. 19, 20, 29 and 30, from which.

A pine 24" dia. bt. S. 16½ W. 36 links
" " 24" " " N. 36° W. 42 "
A quaking asp 10" " " N. 44½° E. 25 "
" " 8" " " S. 15° E. 11 "

Land rolling, soil 1st and 2nd rate.

Timber - quaking asp and pine on last 36,00 chains
Quaking asp on 12,00 chs.
Brush on 1st 15,00 chains.

East on random line bet. sec. 20 and 29
Var. 15° 10' E.
Descend on S.E. side of ridge

Subdivisions T. 27 S.

Chs.	
25,00	Enter bench, Descend gradually.
40,00	Set temp. 1/4 Sec. cor.
43,00	Leave bench, Descend
44,25	At fort, Ascend gradually.
76,00	On top of low ridge Descend.
79,86	Intersect N. and S. line 18 links S. of cor. to secs. 20, 21, 28 and 29 from which I run.
	S. 89° 52' W. on true line.
	bet. secs. 20 and 29.
39,95	Set gray sandstone 17×15×11" 12" deep, marked 1/4 on N. side for 1/4 Sec. cor. from which.
	A pine 24" dia. bs. N. 19° E. 92 links
	"quakenasp 10" " " S. 27° W. 50 "
	Both marked 1/4 S. B. T."
79,86	The cor. to Secs. 19, 20, 29 and 30.

BOOK

R.

Chs.
7,00
34,00
40,00
46,00
61,00
79,28

R. 25 E. S.L.M.

Chs.	Land rolling Soil 1st rate. Timber — quakenasp and pine, with some undergrowth on 79.86 chains.
	West on random line bet. secs. 19 and 30. Var. 15° 10' E.
	Descend.
7.00	Leave hill. Ascend gradually.
34.00	Descend.
40.00	Set temp. 1/4 sec cor.
46.00	Hollow drains N.E. Ascend.
61.00	Enter upper plateau.
79.28	Intersect W. boundy. of Tp. 35 links N of cor. to secs. 19 and 30. from which I run. N 89° 45' E. on true line bet. secs. 19 and 30.

Subdivisions T. 27 S.

Chs	
39.28	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on N side, for 1/4 Sec. Cor. from which
	A quakenasp 10" dia. bs. N. 9° W. 22 links
	" " 12" " bs. S. 11° E. 10 "
	Both marked 1/4 S. B. T."
79.28	The cor. to secs. 19, 20, 29 and 30 land rolling, Sloping S.E. Soil 1st rate.
	Timber—quakenasp and pine on 79.28 chains.
	November 1st 1880.
	North bet. secs. 19 and 20. Var. 15° 10' E.
	Descend
11.00	Enter plateau.

BOOK

Chs
22.00
32.00
40.00
46.00
50.00
63.00
80.00

BOOK-A-173

R 25 E. S. L. M.

Chs.	
22,00	Descend, Enter heavy pine.
32,00	Gulch drains N. E. Ascend
40,00	Top of low ridge bs. N. E.
	Set charred quaking asp post 4x4", 4 feet long, 2 feet deep, marked "4 S." on N. side for "4 Sec. cor. from which.
	Aquaking asp 12" dia. bs. N. 12° E. 27 links
	" " 7" " " S. 20° E. 25 "
	Both marked "4 S., B. P."
46,00	Descend
50,00	Hollow drains N. E. Ascend
63,00	Enter plateau w/ quaking asp.
80,00	Set gray sandstone 16x10x10", 10" deep, marked 3 notches on S. and 5 on E. edges, with reg. mound of earth and pits for cor. to Secs. 17, 18, 19 & 20. from which.

300

Subdivisions T. 27 S.

Chs.		Chs.
	A quakenasp 10" dia. bs. S 21° W. 24 links	
	" " 1½" " " N 37° W. 50 "	67.00
	" " 9" " " N 4¼° E. 69 "	
	Land mountainous,	79.90
	Soil 1st and 2nd rates.	
	Timber — pine and quakenasp	
	on 80.00 chains.	
	East on random line	39.95
	bet. secs. 17 & 20.	
	Var. 15° 10' E.	
	Descend gradually.	
32.00	Along S. edge of plate in.	
38.50	Descend	
40.00	Set temp. ¼ sec. cor.	
55.00	Enter bottom, leave timber,	79.90
64.90	creek 4 links wide, 4" deep runs	
	S.E. in willows.	
65.50	Creek 2 links wide, 1" deep runs	
	S. in willows.	

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R. 25 E. S. L. M.

Chs.	
67.00	Ascend in oak brush and young quakenasp.
79.90	Intersect N. and S. line 19 links S. of cor. to secs. 16, 17, 20 and 21 from which I run. S. 89° 5½' W. on true line bet. secs. 17 and 20.
39.95	Set charred quakenasp post 4×4", 4 feet long. 2 feet deep, marked ¼ on N. side, for ¼ sec. cor. from which. A quakenasp 10" dia. bs. N. 35° E. 20 links " " 10" " " S. 55° W. 43 " Both marked ¼ S. B. T."
79.90	The cor. to secs. 17, 18, 19, and 20. Land 1st " 38.00 chains sloping E, remainder rolling, soil 1st " and 2nd " rate. Timber - quakenasp and

Subdivision P. 27

Chs.	
	Some pine on 1st 55.00 chains,
	Heavy brush on last 13.90 chains.
	West on random line bet. Sec. 18 and 19. Var. 15° 10' E.
	Ascend gradually.
15.00	Enter heavy pine
25.00	Ascend bluff.
36.00	Top descend gradually.
40.00	Set temp. 1/4 Sec. cor.
61.00	Ascend
79.15	Intersect W. boundary Tp. 35 links N. of cor. to Sec. 18 and 19 from which Iron N. 89° 45' E. on true line bet. Sec. 18 and 19.
39.15	Set charred quadruple post

Chs.	
79.15	
29.00	
39.00	

BOOK-A-173 303

S. R. 25 E, S.L.M.

Chs.	4×4", 4 feet long, 2 feet deep, marked 1/4 S. on N side, for 1/4 sec. cor. from which Aquakenasp 8" dia. bs. N 12½° W. 28 links. Ared pine 14" dia bears S. 46° E. 37 links dist. Both marked 1/4 S.B.T."
79.15	The cor. to secs. 17, 18, 19 and 20. Land rolling, Soil 1st and 2nd rate rocky in places, Timber, red, balsam and yellow pine, and quakenasp on 79.15 chains
	North bet. secs. 17 and 18 Var. 15° 10' E.
	Descend gradually.
29.00	Descend in heavy pine
37.00	Enter bottom and heavy undergrowth.

Subdivisions T. 27 S.

Chs.	
40.00	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on W. side, for 1/4 Sec. cor. from which.
	A balsam pine 1½" dia. bs. N 5° W. 6 links
	" " " 8" " " S. 76° E. 14 "
	Both marked 1/4 S. B. T."
74.50	Hollow drains N. E.
80.00	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 4 notches on S. and 5 on E. edges, for cor. to secs. 7, 8, 17 and 18, from which
	A balsam pine 14" dia bs. S. 17° E. 60 lks.
	" quakenasp 4" " " N 2° W. 8 "
	" " 10" " " N. 44½° E. 32 "
	" " 12" " " S. 53° W. 29 "
	Land rolling, Soil 1st rate, Timber—red, and balsam

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R. 25 E. S.L.M.

Chl.	pine and quakenasp on 80.00 chs.
	East on random line bet. secs. 8 and 17 Var. 15° 10' E.
3.65	Hollow drains N.E. Ascend
11.00	Enter timber plateau, Descend gradually.
40.00	Set temp. 1/4 Sec. cor.
79.85	Intersect N and S. line, 25 lks S. of cor. to secs. 8, 9, 16 and 17 from which I run. S. 89° 49' W. on true line bet. secs. 8 and 17
39.92	Mark quakenasp tree, 8" dia, marked 1/4 S. on N. side, for 1/4 Sec. cor. from which. Area pine 12" dia. bs. N 40° E. 18 links "balsam" 10" " " S. 33° W. 16 "

Subdivisions T. 27 S.

Chs.	
	Both marked "1/4 S. B. T."
79.85	The cor. to sec. 7.8.17 and 18
	Land sloping E. Soil 1st rate.
	Timber – balsam, red and
	yellow pine, and quaking asp
	on 79.85 chains

Chs.	
	West on random line
	bet. sec. 7 and 18
	Var 15° 10' E.
	Ascend
2.00	Enter plateau, Ascend
	gradually.
26.00	Ascend on N. E. side ridge.
	Enter heavy pine.
40.00	Set temp 1/4 Sec. cor.
45.00	Descend
70.20	creek 6 links wide, 6" deep,
	and N. E. Ascend
77.50	Enter plateau.

Chs.	
79.12	T.
	3
	a
	be
39.12	2
	3.
	m
	1/4
	A
	11
79.12	c
	f
	1
	a
	o

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307

R. 25 E. S. L. M.

Chs.	
79.12	Intersect N. boundary of Tp. 35 links N of cor. to Secs. 7 and 18 from which I run. N 89° 45' W. on true line bet. Secs. 7 and 18
39.12	Set charred quaking aspen post 3×4", 4 feet long; 2 feet deep, marked 1/4 S. on N side, for 1/4 Sec. cor. from which Aquaking aspen 12" dia. bs. N 17° W. 35 links " balsam pine 12" " " S. 2° E. 44 " Both marked 1/4 S. B.T.
79.12	The cor. to Secs. 7 8 17 and 18. Land high rolling, soil mostly 1st rate. Timber — yellow, red, and balsam pine & quaking aspen on 79.12 chains.

Subdivisional T. 27 S.

Chs.	North bet. Sec. 4 and 8 Var. 15° 10' E.
	Ascend
4.00	Enter plateau.
15.00	Head of hollow drains E.
26.50	Hollow drains N.E.
40.00	Set charred quaking asp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S. on N. side, with reg. mound of earth and pits for 1/4 Sec. cor. Note: Trees too small to mark.
53.00	Descend
60.10	creek 6 links wide, 6" deep, runs N.E.
65.00	Pick N.E. end of ridge.
68.00	Leave timber, Enter willows.
73.00	Creek 6 links wide 6" deep runs E.
77.40	Geyser creek 10 links wide,

Chs.
80.00
3.00
10.00
35.00

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R. 25 E. S.L.M.

Chs.	
	2 feet deep, runs S.E.
80,00	Set granite 20 × 16 × 5", 15" deep marked 5 notches on S. and E. edges, with reg. mound of earth and pits, for cor. to Secs. 5, 6, 7 and 8.
	Land mountainous, Soil mostly 1st rate.
	Timber Quaken asp and some pine on 68.00 chs. willows on remainder.
	East on random line bet. Secs. 5 and 8.
	Var. 15° 10' E.
3,00	Ascend, A Spring bs. N 25° E. 10.00 chains.
10,00	Wash drains S. Leave willows
35,00	Enter plateau and quakenasp.

Subdivisions T. 27 S.

Chs.	
40,00	Set temp. 1/4 Sec. cor.
79,84	Intersect H and S. line. 21 links S. of cor. to Secs. 4, 5, 8 and 9. from which I run. S. 89° 50' W. on true line, bet. Secs. 5, and 8.
39,92	Set charred quakenasp post 4×4", 4 feet long, 2 feet deep, marked 1/4 S on H side, for 1/4 Sec. cor. from which. A quakenasp 6" dia. bs. H 43° E. 10 links " " 4" " " S. 50° W. 4 " Both marked 1/4 S. B. T."
79,84	The cor. to Secs. 5, 6, 7, and 8. Land 1st 35.00 chs. mountainous, remainder nearly level, Soil 1st rate. Timber — quakenasp and

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25 E. S.L.M.

Chs.	Some pine on last 44.84 chains.
	Heavy willows on 1st 10.00 chains.
	West on random line bet. Secs. 6 and 7. Var. 15° 10' E.
	In willows.
2.50	Geyser creek, 12 links wide, 2 feet deep, runs S.E.
6.00	Leave willows, Ascend. Enter timber.
16.00	Top of lone hill, descend.
24.50	Creek 3 links wide, 4" deep, runs S.E. heads N.W. 4 chains.
29.00	Ascend bluff.
30.00	Enter upper bench.
40.00	Set temp. 1/4 Sec. cor.
45.00	Enter heavy pine. Ascend

Subdivisions T. 27 S.

Chs.	
61,00	Top of ridge bs. S.W. and N.E. 5 chains Descend
78,90	Intersect W. boundy of Tp. 42 links N. of cor. to Secs. 6 and 7. from which I run N. 89° 42' E. on true line, bet. Secs. 6, and 7.
38,90	Mark quakenasp tree 7" dia, 1/4 S. on N. side, for 1/4 Sec. cor. from which. A quakenasp 10" dia. bs. S. 63° W. 14 links, A quakenasp 9" dia, bs. S. 58° E. 19 links. Both marked 1/4 S. B. T.
78,90	The cor. to Secs. 5, 6, 7, and 8. Land mountainous, Soil 1st and 2nd rate, rocky in places.

R. 25 E. S.L.M.

Chs.	Timber - yellow, red and balsam pine and quakenasp on 72.90 chains. Heavy willows on 1st 6.00 chains.
	North on random line bet. Secs. 5 and 6. Var. 15° 10' E.
3.00	Leave willows. Ascend
19.00	Enter plateau, and young quakenasp, Ascend gradually.
25.00	Leave quakenasp.
30.00	Indian trail bs. N.W. and S.E.
33.00	Ascend, Enter quakenasp
40.00	Set temp. 1/4 Sec. cor.
71.50	Top of ridge bs. N.W. and S.E. Descend, Enter pine.
80.64	Intersect N boundary of Tp.

Subdivisions T. 27 S. R. 25 E

Chs. 38 links E. of cor. to Sect. 5 and 6, from which I run S. 16' E on true line bet. Sect. 5 and 6,

40.64 Set gray sand stone, 15 + 11 x 5", 11" deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 Sec. cor. from which I quakenasp 7" dia, bs. S. 21° E. 35 links, marked 1/4 S. B. T.

80.64 The cor. to Sect. 5, 6, 7, and 8. Land 14.00 Chs. nearly level Soil 1st rate. Remainder mountainous Soil 2nd and 3rd rate. Timber fair on last 9.14 chs. quakenasp on 44.50 chains Willows on 1st 3.00 "

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General Description

The land contained in this Tp, is mostly covered with the very best timber, consisting in the eastern part of yellow pine and quakenasp, and in the western, of balsam, red, and yellow pine and quakenasp. The Tp. is well supplied with water and though being very high, (average altitude 1600 feet) some parts especially in the S.E. portion are well adapted for raising small grains and vegetables.

It is widely used for grazing purposes.

The country rock is a

316

gray Sandstone,
I found no traces of minerals
Ernst Buettner
U.S. Dep. Surveyor

BOOK-

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BOOK-A-1733 17

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th. 1881

The foregoing field notes of the survey of the

Subdivisions of

Township No 27 S, Range No 25 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernst Buettner

Under his contract No 96

of the 28th. day of July 1880,

in the month of Oct. & Nov. 1880,

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

Jno. Salmon

U. S. Surveyor General for Utah.

BOOK-A-173 319

24 R.

Filed 187 .

Examined by

Compared by G. Schulte & Will Goodrich

FIELD NOTES

OF

THE SURVEY OF THE

South Boundary

of Township No. 27 S, Range No. 26 E

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880.

Survey commenced Nov 2nd 1880

Survey completed " " 1880

Transcript made by RS.
2/25/81

South Boundary T. 27 S. R. 26 E. S.L.M.

Chs.	
	Survey commenced Nov 2nd 1880
	From cor. to Tps. 27 and 28 S. Rs. ~~26~~ 25 and ~~27~~ 26 E. re-established by me Irun.
	East along S. boundy, Sec 31 Var. 15° 10' E.
	Descend gradually in heavy oak and quakenasp brush.
30,00	Creek (dry) drains S.E.
38.30	Allowing 1.70 chains for convergency. Set gray sandstone 12"×12"×9", 8" deep, marked 1/4 on N side, with reg. mound of earth and pits for 1/4 Sec cor. Ascend gradually.
78.30	Set gray sand stone 20"×12"×8", 15' deep, marked 1 notch on W. and 5 on E. edges, with reg. mound and pits, for cor to secs 31, 32

South Boundary T. 27 S. R.

chs	
	5th and 6. from which
	A pine 26" dia. bs. S. 5¼° W.
	74 links dist.
	Land gently rolling, Soil 1st rate
	Timber—some scattering pine
	and quaking aspen. Heavy under
	brush and young quaking aspen
	on 80.00 chains.

East along S. Boundary
Sec. 32.

Var. 15° 10' E.

chs	
2.80	At foot of sandstone ledge,
	Leave brush. Ascend
12.50	Top bears N.W. and S.E. Enter
	timbered plateau, Descend gradually
40.00	Set gray sandstone 18"×12"×5"
	12" deep, in mound of stones
	marked "H on N. side, for
	Sec. cor.

chs.
41.00
73.00
80.00
14.80
19.00
29.00
37.70

BOOK-A-173

R. 26 E. S.L.M.

Chs.
41,00 Wash drains N.E.
73,00 Gulch " S.E.
80,00 Set gray sandstone 18"×15"×7" 13" deep, marked 2 notches on N. and N on E. edges, with reg. mound and pits, for Cor. to Secs 4, 5, 32 and 33, from which.
A pine 26" dia. bs. S. 75° 25' W. 52 links dist.
" " 30" " " N. 67° 45' W. 115 " "
Land rolling, Soil 1st and 2nd rate. Timber — yellow pine on
67.50 chains.

East along S. boundary Sec 33
Var 15° 10' E.

14,80 Hollow drains N
19,00 " " "
29,00 " " "
37,70 Intersect the boundary line bet.

324

S. Boundy T. 27 S. R 26 E. S.L.

Utah and Colorado 13.65 ch
South of mile post No. 98.
Set red Sandstone 28"x16"x11", 21"
marked "C.C." + "C." on E. side
"U.T." on W. side, for closing cor.
fractional Sect. 4 and 33
from which.
A pine 15" dia. bs. N. 28° E. 28 links
" " 16" " " S. 22° 20' E. 7 "
" " 10" " " N. 59½° W. 45 "
Land rolling, Soil 2nd rate.
Timber on 37.70 chains.

Note: For General Description
end of Subdivision notes of
this Tp.

Ernst Buellm
U.S. Dep. Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th 1881

The foregoing field notes of the survey of the

South Boundary of

~~Township~~

Township No 27 S. *Range No* 26 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernst Buettner

Under his *contract No* 96

of the 28th *day of* July 1880,

in the month of November 1880,

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

Fedg. Salomon

U. S. Surveyor General for Utah.

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25 R.

Filed 187 .

Examined by

Compared by G. Schultz and Will Gorlinski

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions

of fractional *Township No.* 27 S. , *Range No.* 26 E.

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96

dated July 28th 1880.

Survey commenced Nov. 3rd 1880.

Survey completed " 5th 1880

R.G.

[illegible] Apr. 15 1881

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Township 27 S. **R.** 26 East

6 360	5 340	4	3	2	1
359	358	339			
7 357	8 338	9	10	11	12
356	354	337			
18 353	17 336	16	15	14	13
352	351	335			
19 349	20 334	21	22	23	24
348	347	332			
30 345	29 331	28	27	26	25
344	343	330			
31 341	32 329	33	34	35	36

321 322 323

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Subdivisions T. 27 S. R. 26 E.

Chs. Survey commenced Nov 3rd 1880

Take observation of North Star

From cor. to Sec 32 & 33
on S. boundary of Tp. Drun
North bet. Sec. 33 and 32
Var. 15° 10' E.

Descend gradually.

40.00 Set red Sandstone 12"x12"x7"
8" deep, marked "4 on N. side,
for "4 Sec. cor. from which
A pine 18" dia. bs. S. 24° E. 85 links
" " 20" " " N. 3° E. 18 "
Both marked "4 S. B. T."

70.00 Steep Descent.

78.50 Creek 3 links wide 3" deep, runs
S. 65° E. Ascend

80.00 Set gray Sandstone 28"x23"x7"
20" deep, in mound of stones

Subdivisions T. 27 S.

Chs. Marked 1 notch on S. and 4 on E. edges, for cor to secs. 29, 28, 33 and 32, from which
A pine 20" dia, bt. S. 86° E. 67 links
" " 14" " " N. 59½° E. 56 "
" " 25" " " S. 61° W. 170 "
Land rolling, Soil 2nd rate, rocky in places, Timber - pines on 80.00 chains.

Note: The East line intersecting the Colorado boundary in less than 1 mile, I run East, on true line bet. secs. 28 and 33

Var 15° 10' E.

Ascend
16,00 Descend
23,00 Hollow drains S.E.
29,30 " " S. 12° E. Ascend

R.
Chs.
37,66

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R. 26 E. S. L. M.

Chs. 37.66 Intersect boundary line bet. Utah and Colorado 12.25 chs. South of mile post No 99. where I set red sand stone 16" x 12" x 10" marked "C.C. + C." on E. side and U.T. on West side for closing cor. to fractional Secs. 28 & 33 from which

A pine 16" dia bs. N 16° W. 17 links
" " 18" " " S. 73° W. 36 "

Land rolling, Soil mostly rocky, Timber yellow pine on 37.66 chains.

North bet. Secs. 28 & 29
Var. 15° 10' E.

Ascend
8.00 Enter plateau.
40.00 Set red sand stone 15" x 10" x 9" 10" deep, marked "H" on W. side, with

Subdivisions T. 27 S.

Chs.		Chs.
	reg. mound of earth and pits for 1/4 Sec. cor. from which	5,00
	A pine 15" dia. bs. S. 53° E. 29 links	11,00
58,00	Descend	24,15
80,00	On N. side of gulch.	34,00
	Set gray sandstone 18×16×16",	37,65
	12" deep, in mound of stones	
	Marked 2 notches on S. and	
	4 on E. edges, from which	
	A pine 14" dia. bs. N. 45 3/4° E. 44 links	
	" " 15" " " S. 43° W. 31 "	
	Land mostly rolling plateau	
	Soil 2nd rate, partly rocky.	
	Timber yellow pine, on 80.00 chs.	

East on true line bet. Secs 21, and 28.

Var. 15° 10' E.

Descend

27,75 Pine 32" dia.

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N. 26 E. S.L.M.

Chs.
5.00 Dry creek S. 15 chains, thence S.E. Ascends
11.00 Enter plateau.
24.15 Pine 22" dia.
34.00 Descends
37.65 Intersect boundary line bet. Utah and Colorado, 11.50 chains South of mile post No 100, where I set red sandstone 20x14x6" in mound of stones, marked C.C.+C. on E. side, and U.T. on West side for closing cor to fractional Sect. 21 and 28. from which
A pine 20" dia. bs. N. 27½° W. 19 links
" " 16" " " S. 83° W. 165 "
Land rolling, soil mostly rocky 2nd rate, in places, Timber yellow pine on 37.65 chains

Subdivisions T. 27 S.

Chs. North bet. Sect. 20 and 21
Var. 15° 10' E.

Descend

7.50 Hollow drains S.W. heads N. Ascend
19.54 Pine 24" dia.
21.00 Top, Descend gradually.
40.00 Set Limestone 27"×15"×4", 20" 13.00
deep, marked 1/4 on N. side, 37.60
for 1/4 Sec. cor. from which
A pine 16" dia bs. S. 39½° E. 46 lks.
" " 24" " " N. 81½° W. 87 "
80.00 Limestone 13×9×4", 8" deep
marked 3 notches on S. and
4 on E. edges, with reg. mound
of earth and pits for cor.
to Sect. 16, 17, 20 and 21
from which
A pine 20" dia. bs. S. 49° 10' W. 176 lks.
" " 24" " " N. 30° 35' E. 218 "
Land rolling, Soil 2nd rate

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R. 26 E. S. L. M.

Chs. rocky in places,
Timber yellow pine on 80.00 chs.

East on true line bet. Secs. 16 and 21

Var. 15° 10' E.

13.00 Descend.
37.60 Intersect boundary line bet. Utah and Colorado 10.28 chs. South of mile post No. 101 Where I set red sandstone 22 x 14 x 9" marked "C.C. + C." on E side and U.T. on West for closing cor. to frac. secs 16 and 21 from which
A pine 34" dia. bs. N. 4° 35' W. 89 links
" " 32" " " S. 87° 20' W 172 "
Land rolling, Soil 2nd rate,
Timber on 37.60 chains.

Subdivisions T. 27 S.

Chs. North bet. Sect. 16 & 17
Var. 15° 10' E.

12,00 Descend
27,00 Foot
36,62 Pine 36" dia.
40,00 Set red sandstone 16x13x10"
10" deep - marked 1/4 on N. side
for 1/4 Sec. cor. from which
A pine 34" dia. bs. S. 9° 20' W. 155 links
" " 40" " " N 47° 10' E. 309 "
Both marked "1/4 S.B.T."
41,00 Wash drains E. Ascend.
42,25 Fruitbeard E. & NW.
60,00 Top, Descend.
80,00 Set gray sandstone 18x12x5" 37,55
12" deep, marked 1/4 notched on
S. and E. edges, with reg
mound and pits for cor
to Sect. 8, 9, 16 and 17
from which

Chs.
10,00

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G. 26 E. S.L.M.

Chs. A pine 22" dia. bs. N. 9¼° W. 6 links
" " 20" " " N. 85¼° E. 130 "
" " 30" " " S. 41° W. 39 "
Land rolling, Soil 1st & 2nd rate, rocky in places, Timber yellow pines on 80.00 chains Monument on Emery Peak bs. S. 78° 56' W.

East on true line
bet. Sect. 9 & 16
Var 15° 10' E.

Descend
10.00 Ascend Leave timber.
5 37.55 Intersect boundary line bet. Utah and Colorado 9.55 chs. S. of mile post No. 102, where I set gray sandstone 24×20×3' 15" deep, marked "C. C. + C." on E. side, and U.T. on West side, with reg mound

Subdivisions T. 27 S.

Chs | of earth and pits, for closing
cor. to fractional Secs. 9 & 16
Land rolling, Soil 1st & 2nd rate
Timber — pine on 1st 10.00 chs.

North bet. Secs. 8 & 9
Var. 15° 10' E.

Ascend
5,00 Top of ridge bs. S. 80° E. Descend
30,00 Wash drains N. 65° W. Ascend.
Enter pine.
40,00 Set gray sandstone 22×12×6
15" deep, marked 1/4 on W. side,
with reg. mound and pits for 1/4
Sec. cor. from which
A pine 18" dia, bs. N. 65° E. 20 links 4,00
37,50
54,00 Top. Descend.
80,00 Set red sandstone 18×12×10", 12"
deep, marked 5 notches on S.
and 4 on E. edge, with reg

BOOK-A-173

R. 26 E. S. L. M.

Chs. Mound of earth and pits for cor. to sec. 4, 5, 8 and 9. from which.
A pine 18" dia. bs. S. 77° W. 60 links
" " 22" " " S. 64° E. 35 "
" " 20" " " N. 15½° W. 97 "
Land high rolling. Timber-pine and some quakenasps on 80.00 chains, Soil 2nd rate, rocky.

East on true line
bet. sec. 4 and 9
Var. 15° 10' E.

Descend
4.00 Ascend gradually.
37.50 Cannot find the 103rd mile post. Trees around burned
Intersect the boundary line 69.72 chains N of mile Post No. 102,

BO

Subdivisions T. 27 S.

		Chs.
Chs.	Set sandstone 16×14×12", 10" dep.	39.82
	Marked "C.C. + C" on E. side and	
	M.T. on W. side, with reg. mound	
	of earth and pits, for closing	
	cor. to fractional Sect. 4 and 9.	
	Land rolling, Soil 2nd rate	79.82
	Some pines.	
	North on random line	
	bet. Sect 4 and 5	
	Var 15° 10' E.	
	Descend	
2,00	Gulch drains N.W.	
3,00	Ascend	
40,00	Set temp. 1/4 Sec. cor. Descend	
79.82	Intersect N boundary of T.p.	2,00
	16 links E. of cor. to Sect 4 and 5	11,00
	from which I run	
	S. 7' E on true line bet	25,15
	Sect. 4 and 5.	36,00

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N. 26 E. S.L.M.

Chs.	
39.82	Set red sandstone 16×14×8" 10" deep, marked 1/4 on W. side with reg. mound of earth and pits for 1/4 Sec. cor. from which A pine 16" dia. bs. N 42° W. 98 links
79.82	The cor. to secs. 4, 5, 8 and 9 Land rolling, Soil 2nd rate Timber - some pines.

November 4th 1880

From cor. to secs. 31 and 32 on S. boundary of Tp. I run, North bet. secs. 31 and 32

Var. 15° 10' E.

3.00	Leave brush, Ascend
11.00	Top of sandstone bluff bears N.W. and S.E. Enter timber.
25.15	Pine 60" dia.
36.00	Descend

Subdivisions T. 27 S. R.

Chs.		Chs.
40.00	Set yellow sandstone 15×9×6 10" deep, marked 1/4 on N. side with reg. mound of earth and pits, for 1/4 Sec. cor.	
	No trees at hand.	1.60
41.00	Hollow drains N.E. Ascends	8.50
49.00	To Descends gradually.	20.00
75.00	Descends.	
79.50	Wash drains N.E. Ascends	40.00
80.00	Set gray sandstone 20×12×10 15" deep, marked 1 notch on S. and 5 on E. edges, with reg. mound and pits, for cor. to Secs. 29. 30. 31 and 32 from which.	41.00
		55.00
		75.50
		80.10
	A quaking asp 11" dia. bs. S. 58 3/4° E. 48 links	
	" " 12" " " S. 72 1/2° W. 161 "	
	Land rolling, Soil 2nd rate, rocky in places. Timber—pine and some quaking asp on 80.00 chs.	40.05

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R. 26 E. S.L.M.O.

Chs. East on random line
bet. Secs. 29 and 32
Var. 15° 10' E.

Descend
1.60 Wash drains E.
8.50 Leave " " N 70° E. Ascend.
20.00 Top of N.E. end of plateau.
Descend
40.00 Set temp. 1/4 Sec. cor.
41.00 Hollow drains N 70° E. Ascend
55.00 Descend
75.50 Creek 3 links wide 4" deep, runs S.
70° E. in deep hollow, Ascend
80.10 Intersect N & S. line at cor. to Secs.
28, 29, 32 & 33 from which Drain
West on true line bet. Secs
29 & 32
40.05 Set gray sandstone 24 x 15 x 6", in
mound of stones marked 1/4
on N side, for 1/4 Sec. cor.

Subdivisions T. 27 S. R. 2

Chs		Chs.
	from which.	
	A pine 26" dia. bs. N 35° E. 64 links	38.25
	" Quaking asp 10" " S. 31½° E. 70 "	
	marked "1/4 S. B.T."	
80.10	The cor. to sec. 29. 30. 31 & 32	
	Land mountainous. Soil 3rd rate,	
	rocky. Timber - yellow, balsam,	78.25
	and red pine on 80.10 chains.	

West on random line
bet. sec. 30 and 31
Var. 15° 10' E.

Ascend

4.00	Top. Descend gradually.	
40.00	Set temp. 1/4 sec. cor	5.00
58.50	Pine 34" dia.	27.00
78.25	Intersect N. boundy. of Tp. 9	40.00
	N. of cor. to sec. 30 and 31.	
	from which Trees.	
	N 89° 56' E. on true line	

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R 26 E S.L.M.

Ch. bet. sect 30 and 31

38.25 Set gray sand stone 18×14×6 12" deep, marked 1/4 on N side for 1/4 sec. cor. from which A pine 20" dia. bs. S. 69¼° W. 52 links
" " 18" " " S. 13° E. 50 "

78.25 The cor. to sects, 29, 30, 31 & 32
Land rolling, soil 2nd rate
Timber yellow pine on 78.25 chains.

North bet. sect 29 & 30
Var. 15° 10' E.

Ascend
5.00 Top. Descend gradually.
27.00 Descend
40.00 Set gray sandstone 18×16×12", 12" deep, marked 1/4 on W. side, for 1/4 sec cor. from which A quaking asp 14" dia. bs. N. 56° W. 29 links.

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Subdivision T. 27 S. R.

Chs.		Chs.
	A quaking asp 12" dia, bs. S. 63 E. 40 links. Both marked "H. S. B. T."	
41.00	Walk heads N.	
42.90	Creek 3 links wide, 4" deep, runs S. E.	
44.00	Ascend along N side of gulch	4.5
80.00	Set gray sandstone 16×13×12" 10" deep, in mound of stones marked 2 notches on S. and 5 on E. edges, for Cor. to Secs. 19, 20, 29 and 30. from which. A pine 36" dia. bs. S. 28° W. 60 links	11.0
		22.5
		28.7
		36.0
		40.0
		57.5
	" " 25" " " N 23½° E. 69 "	76.5
	Land rolling, last 40.00 chs broken, Soil 2nd rate, rocky in place. Timber yellow pine and some quaking aspe on 80.00 chains.	80.1
		40.0

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R. 26 E. S.L.M.

Chs. East on random line
bet. Sect. 20 and 29
Var. 15° 10' E.

Descend
4.50 Hollow drains S. Ascend
11.00 Top.
22.50 Descend
28.70 Hollow drains S. Ascend
36.00 Top.
40.00 Set temp. 1/4 Sec. cor.
57.50 On N. edge of plateau.
76.50 Descend
80.11 Intersect N. & S. line gives
N. of cor. to Sect. 20, 21, 28 & 29
from which Run
N 89° 56' W. on true line.
bet. Sect. 20 and 29.
40.05 Set gray sandstone 17 x 11 x 6",
12" deep, marked 1/4 on N. side
for 1/4 Sec. cor.

348

Subdivisions T. 27 S.

Chs.	
	from which
	A pine 28" dia. bs. N 76° 35' W.
	130 links.
	A pine 8" dia. bs. N 80½° E. 110 links
	Both marked "¼ S.B.T."
80.11	The cor. to secs. 19, 20, 29 and 30.
	Land rolling, Soil 2nd rate
	rocky in places, Timber
	yellow pine on 80.11 chains.

West on random line
bet. secs. 19 and 30
Var. 15° 10' E.

9.00	Hollow drains S.
19.50	" " SE.
33.50	creek 3 links W. 4" deep, runs SE Ascend
40.00	Set temp. ¼ sec. cor.
44.00	Top. Descend gradually.
65.00	Along S. side of ridge.
78.18	Intersect W. boundary of Tp.

BOOK-

Chs.	
38.18	
78.18	
36.00	
40.00	

BOOK-A-173 349

N. 26 E. S. L. M.

Chs. links N of cor. to secs 19 and 30.
from which I run.
N 89° 55' E. on true line
bet. secs. 19 and 30.

38.18 Set gray sandstone 15×12×9", 10"
deep, marked 1/4 on N side,
with reg. mound and pits
for 1/4 sec. cor. from which
A pine 26" dia. bs. N 74 1/4° W. 98 links.

78.18 The cor. to secs. 19, 20, 29 and 30
Land mount amoins, Soil
2nd rate, rocky in places
Timber yellow pine and
quaken asps on 78.18 chains.

North bet. secs. 19 and 20.
Var. 15° 10' E.

Ascend gradually.

36.00 Head of hollow drains E. Ascend

40.00 Set red sandstone 15×14×9"

BOOK

Subdivisions T. 27 S. N.

Chs.		Chs.
	10" deep, marked 1/4 on W. side for 1/4 sec. cor. from which.	
	A pine 22" dia. bs. S. 75° W. 102 links	
	" " 25" " " S. 69 1/2° E. 100 "	18.00
52.00	Enter plateau bs. N.W. and S.E.	40.00
	Descend gradually.	41.50
80.00	Set gray sandstone 18×14×10"	44.00
	12" deep, marked 3 notches on S.	67.50
	and 5 on E. edges, for cor.	80.14
	to secs. 17, 18, 19 and 20.	
	from which.	
	A pine 36" dia. bs. S. 13° E. 38 links	
	" " 40" " " N. 58 1/4° W. 110 "	
	" " 20" " " N. 5 1/4° E. 130 "	40.07
	" " 22" " " S. 25° E. 47 "	
	Land rolling, soil 2nd rate, rocky in places.	
	Timber - yellow pine and some quakenasps on 80.00 chs	
		80.14

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N. 26 E. S. L. M.

Chs.	
	East on random line bet. secs. 17 and 20 Var. 15° 10' E.
18.00	Hollow drains S.E.
40.00	Set temp 1/4 Sec. cor.
41.50	Hollow drains S.E.
44.00	Descend gradually.
67.50	Hollow drains S.E.
80.14	Intersect N. and S. line 14 links N of cor. to secs. 16, 17, 20, and 21, from which I run N 89° 54' W. on true line bet. secs. 17 and 20
40.07	Set gray sandstone 16×14×10" 10" deep, marked 1/4 on N side for 1/4 Sec. cor. from which A pine 34" dia. bs. S. 28° E. 30 links " " 40" " " N 35° E. 64 " Both marked "1/4 S.B.T."
80.14	The cor. to secs. 17, 18, 19, & 20.

Subdivisions T. 27 S.

Chs.		Chs.
	Land rolling. Soil 2nd rate rocky in places. Timber-yellow pine on 80.14 chains.	
		46.45
	West on random line bet. Secs. 18 and 19 Var. 15° 10' E.	78.08
15.00	Descend	
27.00	At foot, descend gradually.	
40.00	Set temp 1/4 Sec. cor.	
57.00	Wash. drains S.E. } join 6 chains S.	
59.50	" " S.E. }	
	Ascend gradually.	
78.08	Intersect W. boundary of Tp. 15 links N of cor. to Secs 18×19 from which I run.	25.00
		40.00
	N 89° 54' E. on true line bet. Secs. 18 and 19.	
38.08	Set gray sandstone 18×15×10" 12" deep, marked 1/4 on N side	

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N 26 E. S. L. M.

Chs. with reg. mound and pits for 1/4 Sec. cor. from which.
A pine 16" dia. bs. N 54° W. 72 links
46.45 Pine 25" dia.
78.08 The cor. to Secs. 17, 18, 19 and 20
Land rolling, Soil 2nd rate partly rocky, Timber - yellow pine and quakinasp on 78.08 chs.

North bet. Secs. 17 and 18
Var. 15° 10' E.

Ascend gradually.
25.00 Descend
40.00 At foot, descend gradually.
Set gray sand stone 22×10×8" 15" deep, marked 1/4 on W. side for 1/4 Sec. cor. from which.
A pine 14" dia. bs. S. 46 1/2° W. 32 links
" " 18" " " S. 54° E. 34 "

Subdivisions T. 27 S. R.

Chs.		Chs.
	Both marked "4 S.B.T."	
60.50	Enter level land.	39.40
80.00	Set Sandstone 24×15×8", 15" out	40.00
	marked 4 notches on S. and 5	49.00
	on E. edges, for cor. to sect. 7, 8,	62.00
	17, and 18, from which	80.12
	A pine 60" dia. bs. N. 33½° W. 50 links.	
	" " 48" " " S. 65° E. 73 "	
	" " 16" " " S. 75° W. 100 "	
	" " 48" " " N. 31° E. 160 "	
	Land 1st 60.50 chains rolling.	20.60
	Soil 3rd rate. Remainder land	31.82
	Soil 1st rate. Timber - pine on	40.06
	80.00 chains.	

November 5th 1880.

East on random line
bet. Sect. 8 and 17 80.12
Var. 15° 10' E.

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N. 26 E. S.L. M.D.

Chs.

39.40 Indian trail, bears N.W. and S.E.

40.00 Set temp. 1/4 Sec. cor.

49.00 Ascend

62.00 Top of ridge, bears N.W. & S.E.

80.12 Intersect N. & S. line 11 links N of cor. to sec. 8.9.16 and 17 from which I run.

N 89° 55' W. on true line bet. Sect. 8 and 17

20.60 Pine 20" dia.

21.82 " 36" "

40.06 Set gray sandstone 14x12x5", 9" deep, marked "1/4 on N side, with reg. mound of earth and pits, for 1/4 Sec. cor. from which. A pine 18" dia. bt. S. 68° E. 104 links marked "1/4 S.B.T."

80.12 The cor. to Sect. 7, 8, 17 and 18 found 1st 1/4 49.00 chains level

BOOK-A

Subdivisions T. 27 S. R. 2

Chs.		Chs.
	Soil 1st rate, Remainder rolling, Soil 2nd rate, rocky in places, Timber yellow pine on 80.12 chains.	77.96
	West on random line bet. Sect. 7 and 18 Var. 15° 10' E	
40.00	Set temp. 1/4 Sec. cor.	36.25
77.96	Intersect N. boundary of Tp. 14 links N of cor. to sect 7 and 18, from which I run. N 89° 54' East on true line bet. Sect. 7 and 18	40.00
37.96	Set sandstone 18+15+7", 13" deep, marked 1/4 on N side, for 1/4 Sec. cor. from which A pine 14" dia. bs. S. 16½° W. 40 links. " " 48" " " N 45° E. 22 " Both marked 1/4 S.B.T.	80.00

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R. 26 E. S. L. M.

Cont. 77.96 The cor. to Secs. 7, 8, 17 & 18.
Land 1st " 40.00 chains level.
Remainder rolling, soil 1st rate,
Timber yellow pine and some
quaken asp on 77.96 chains.

North bet. Secs. 7 & 8
Var. 15° 10' E.

36.25 Hollow drains N. E.
40.00 Set gray sandstone 14×12×10",
8" deep, marked 1/4 on N. side
for 1/4 Sec. cor. from which.
A pine 20" dia. bs. N 71° E. 15 links
" " 30" " " N. 40° W. 63 "
Both marked 1/4 S. B. T.
80.00 Set granite 18×14×10" 13" deep,
marked 5 notches on S. and E.
edges, with reg. mound of earth
and pits, for cor to Secs
5, 6, 7 and 8. from which

Subdivisions T. 27 S. R. 26

Chs. A pine 38" dia. bs. S. 68½° W. 48 links
" " 36" " " N. 20° W. 149 "
" " 30" " " N. 41° E. 183 "
Land level park, soil 1st rate.
Timber—pine on 80.00 ch.

East on random line
bet. Secs. 5 and 8
Var. 15° 10' E.

1.50 Indian trail, bears N.W. & S.E.
5.00 Descend
7.00 Ascend
36.00 Top of low ridge bs. N. and S. 10° E. Descend
40.00 Set temp. ¼ Sec. cor.
55.00 Hollow drains N. Ascend gradually on N. side of ridge
80.15 Intersect N. and S. line ¼ line N. of cor. to secs 4. 5. 8 and 9. from which Drum.

BOOK-A-173

Chs. N.
bet. s
40.07 Set q
marke
mou
¼ Sec
A pin
50.25 Pine
80.15 The
Lan
Tim

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25.50 Ho
40.00 Set
47.00 D
47.95 In

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N. 26 E. S. L. M.

Ch. N. 89° 54' W. on true line
bet. sect. 5 and 8
40.07 Set gray sandstone 16×10×8" 10" deep
marked 1/4 on N side, with reg.
mound of earth and pits for
1/4 sec. cor. from which.
A pine 15" dia. bt. N 16 1/2° E. 67 links
50.25 Pine 30" dia.
80.15 The cor. to sect. 5, 6, 7, and 8.
Land rolling. Soil 1st and 2nd rate.
Timber—pine on 80.15 chains.

West on random line
bet. sect. 6 and 7
Var. 15° 10' E.

Descend gradually.
25.50 Hollow drains N.E. Ascend gradually
40.00 Set temp. 1/4 sec. cor.
47.00 Descend
47.95 Intersect N. boundary of Tp.

Chs.	Subdivisions T. 27 S. R.	Chs.
	Blinks N. of cor. to secs 6 & 7	
	from which True.	19.10
	N. 89° 53' E. on true line	27.00
	bet. sect. 6 and 7	40.00
37.95	Set sandstone 20×12×7", 45" dep.	41.00
	Marked "4 on N. side, for 4 sec. cor.	56.00
	from which.	
	A pine 46" dia. bs. N. 15° W. 45 links	79.80
	" " 46" " " S. 43° E. 28 "	
	Both marked "4 S.B.T."	
77.95	The cor. to secs 5. 6. 7. & 8.	
	Land sloping E. nearly level.	
	Soil 1st rate, Timber - pine and	39.80
	some quakenasp on 77.95 chs	
	North on random line	
	bet. sect. 5 and 6	
	Var 15° 10' E.	79.80
2.50	Indian hail bears N.W. & S.E.	
10.00	Leave park, Descend	

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N. 26 E. S.L.M.

Chs.

19.10 Wash trains N.E. Ascend

27.00 Enter plateau.

40.00 Set temp. 1/4 Sec. cor.

41.00 Descend, Leave timber.

56.00 At foot bears E. and N. Descend gradually, Enter scattering timber.

79.80 Intersect N. boundary of Tp. 25 links E. of cor. to Sect 5 & 6 from which Drum.

S. 11' E. on true line.

bet. Sect 5 & 6.

39.80 Set gray sandstone 16x12x8", 10" deep, marked 1/4 on N. side, for 1/4 Sec. cor. from which.

A pine 18" dia. bs. S. 44½" E. 28 links

" " 20" " " N. 6° 25' W. 115 "

79.80 The cor. to Sect. 5.6.7. and 8.

Land rolling, Soil 1st and 2nd rate, rocky in places.

Timber—pine and some quakenasps on 1st 41.00 chains
Scattering on remainder.

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General Description

The surveyed part of this Tp. contains a large amount of excellent timber, mostly yellow pine, and some red and balsam pine and quakin aspe.

The average altitude is 7500'.

In sections 7, 8, 17 and 18 is some fine farming land, which might be irrigated from Geyser creek.

The country rock is red and gray sandstone, I found no trace of mineral.

Ernst Buettner
U.S. Dep. Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th 1881

The foregoing field notes of the survey of the Subdivisions of fractional *Township No* 27 S. *Range No* 26 E. *of the Salt Lake Meridian, Utah Territory, Executed by* C. Buettner *Under* Sus *contract No* 96 *of the* 28th *day of* July 1880, *in the month of* November 1880, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fdg. Salomon

U. S. Surveyor General for Utah.

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BOOK-A-173

R: 367

Filed 187 .

Examined by

Compared by Boulette & Gorlinski

FIELD NOTES

OF

THE SURVEY OF THE

West Boundary Fractional North Boundary and Re Survey of South Boundary

of Township No. 28 S. , Range No. 24 E.

of the Salt Lake Meridian in Utah Territory.

BY

E. Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96,

dated July 28th 1880.

Survey commenced Nov 22nd 1880.

Survey completed " 23rd 1880.

Transcript Mach

3.22.81 PB

368

BOOK-A-

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BOOK-A-173 369

Re Survey S. Boundary T. 28 S. R. 24 E.

Chs. November 22nd 1880

I take an observation of Polaris and adjust my Solar compass to the Meridian thus obtained

I commence at the nearest known cor. this being the cor. to Tps. 28 and 29 S. Rs. 24 & 25 E. as identified by me.

I run

West on re survey line on S. boundy. of Sec 36

Var. 15° 15' E.

Descend gradually.

No. 0 Find old corner, gray sandstone 26 x 14 x 6" in mound of stones marked 1/4 on N. side, from which

A pine 12" dia. bt. S. 70° E. 22 links,

" " 10" " North 18 "

370

BOOK-A-

Re-Survey South Boundary T. 28

Chs		Chs.
	Both marked 1/4 S.B.T.	
44,00	Wash drains S. Ascend	20,00
68,00	Top of ridge bs. N. & S. Descend	37,50
78,50	Wash drains S. Ascend	40,00
80,00	Find old cor. being a gray sand stone 28×14×5", in mound of stones and earth, marked 1 notch on E & 5 on Wedges for cor. to secs. 1, 2, 35 and 36. from which.	50,00
	A cedar 18" dia. bs. W. 100 links dist.	69,00
	" " 11" " " N. 15° E. 35 " "	70,50
	Land broken and rocky.	80,00
	Soil 2nd and 3rd rate.	
	Timber - yellow and pinion hills and cedars on 80.00 chain	
	West on re-survey line along S. side Sec. 35	
	Var. 15° 15' E.	
3,00	Top of low ridge bs. N. & S.	

BOOK-A-173

T. 28 S. R. 24 E. S.L.M.

Chs. Descend

20,00 Enter flat. Leave timber.

37,50 Wash drains S.

40,00 No trace of old corner.
Therefore set gray sand-
stone 12x10x8", 8" deep, marked
¼ on N side, with reg. mound
of earth and pits for ¼ sec. cor.

50,00 Trail bs. N.&S.

69,00 Wagon road to Las Animas.

70,50 Fence bs. N.&S. Enter field

80,00 Find old cor. being a gray
sandstone 16x12x9", marked 2
notches on E. and 4 on W. edge
mound and pits destroyed
which I renew. for cor. to Sec.
2, 3, 34 and 35
Land 1st 20,00 chs. rolling.
Soil 3rd rate, rocky. covered
with cedar and pinon pines.

BOOK-A

Re Survey S. Boundary

T. 28

Chs.		Chs.
	Remainder level, Soil 1st rate No timber.	
	✓	
	West on resurvey line along S. Side, Sec. 34	
	Var. 15° 15' E.	
7,50	Fence bs. N. & S. Leave field	
11,50	creek 6 links wide, 15" deep, runs S.	10,00
40,00	No trace of old cor. I therefore	29,00
	Set gray sandstone boulder 14 x	40,00
	10 x 8", 9" deep, marked 1/4 on N.	
	side, with reg. mound of earth	
	and pits, for 1/4 Sec. cor.	
41,00	Wagon road to Grand River	72,00
	valley, bs. S.W. and N.E.	80,00
70.50	Wash drains S.W.	
80,00	Find old cor. - a gray sand	
	stone 18 x 12 x 5", in mound of	
	stones, marked 3 notches on	
	E. & W. edges, for cor. to Secs.	

BOOK-A-173 373

T. 28 S. R. 24 E. S.L.M.

Chs.	3, 4, 33, 1/10 34.
	Land level. Soil 1st rate.
	No timber.
	✓
	West on resurvey line along
	S. side Sec. 33
	Var. 15° 15' E.
10,00	Wash drains S.W.
29,00	" " "
40,00	Find old cor. – a gray sand-stones 12 × 8 × 8", in mound of stones, marked 1/4 on N. side, renew pits, for 1/4 Sec. cor.
72,00	Wash drains S.W.
80,00	Find old cor. – a sand stone 12 × 8 × 7", in mound of stones marked 4 notches on E & 2 on W. edges, for. cor. to Secs. 4, 5, 32 and 33.
	Land level, Soil 1st rate. No timber.

BOOK-A-

Re Survey South Boundary T. 28

Chs.	West on resurvey line, along S. side Sec. 32	Chs.
	Var. 15° 15' E.	
37,00	Wash drains S.W.	9,50
40,00	No trace of old cor. I therefor	20,00
	set red sandstone boulder 18	35,00
	x14x10", 12" deep, marked "4	40,00
	on N side, with reg. mound	
	of earth and pits, for 1/4 sec.	
	cor.	
80,00	No trace of old cor. I therefor	43,00
	set gray sandstone boulder	44,00
	15x12x10", 10" deep, marked	54,00
	5-notched on E. and 1 on W.	55,00
	edges, with reg. mound of earth	74,00
	and pits, for cor. to secs.	80,00
	5, 6, 31 and 32.	
	Land level	
	Soil 1st rate.	
	No timber.	

BOOK-A-173

T. 28 S. R. 24 E. S.L.M.

Chs.	West on resurvey line along S. side Sec. 31
	Var. 15° 15' E.
9,50	Wash drains S.W.
20,00	" " " Enter timber.
35,00	Leave timber.
40,00	Find old cor. — a limestone 12×12×5" in mound of stones, marked ¼ on N side, and renewed pits, for ¼ Sec. cor.
43,00	Wagon road bs. N and S.
44,00	Wash drs. N 70° W.
54,00	Ascend. Enter timber.
55,00	Enter upper bench.
74,00	Leave timber.
80,00	Find old corner, — a gray sand stone 14×10×6", in large mound of stones, marked 6 notches on N S. E. W. edges for cor to Tps. 28 & 29 S. Rs.

376

Re Survey S. Boundy T. 28 S. R 24 E.

Chs. 23 and 24. E.

Land rolling

Soil 1st and 2nd rate.

Timber cedar and pinion pine on 35,00 chains.

✓

BOOK-A

W. Bou

Chs.

6,00

9,00

13,80

15,27

29,50

40,00

50,00

BOOK-A-173 377

N. Boundy. T. 28 S. R. 24 E. S.L.M.

Chs. Note: The N Eastern part of this Tp. falls in high, steep, mountains and is therefore unsurveyable.

From cor. to Tps. 28 & 29 S. Rs. 23 & 24 E. I run North along W. side Sec. 31 Var. 15° 15' E.

6,00 Descend

9,00 Wash drains W.

13,80 " " S.W.

15,27 Wagon road bs. E. & W.

29,50 Wash drains S.W. Cottonwoods.

40,00 Set gray sand stone 16x11x9" 10" deep, marked 1/4 on W. side for 1/4 Sec. cor. from which.

A pinon pine 8" dia bs. S 57 1/2° E 11 LKS.

" " " 12" " " S. 65 1/2 W. 24 "

Both marked 1/4 S.B.T.

50,00 Wash drains S.W.

BOOK

West Boundary T. 28 S. R.

Chs.		Chs.
71,00	Wash trains S.W.	9,00
78,00	Ascend	40,00
80,00	Set gray sandstone 18×13×6", 12" deep, marked 1 notches S and 5 on N edges, with stg mound of earth and pits, for cor. to Secs. 25. 30. 31 and 36.	
	From which	49,00
	A pine, pine 12" dia. bt. N. 3½° E. 14 links	63,2
	A Cedar 14" " " S. 19°55' E. 134 "	73,0
	" " 10" " " S. 54°40' W. 84 "	80,0
	Land rolling.	
	Soil 1st " and 2nd rate.	
	Timber — cedar and pinion pine on 50,50 chains.	
	North along W. side Sec. 30.	
	Var. 15°15' E.	
	Ascend	

R. 24 E. S. L. M.

Chs.	
9.00	Enter plateau bs. N.E. & S.W.
40.00	Set granite stone 16×12×4", 10" deep, marked ¼ on W. side for ¼ Sec. cor. from which
	A cedar 10" dia. bs. S. 72½° W. 43 links
	" " 8" " " N 39° E. " "
	Both marked ¼ S.B.T.
49.00	Descend
63.20	Hollow drains W. Ascend
73.00	Enter plateau.
80.00	Set gray sandstone 23×14×3", 15" deep, marked 2 notches on S. and 4 on N edges, with reg. mound of earth and pits, for cor. to Secs. 19, 24, 25, and 30. from which
	A cedar 24" dia. bs. S. 64° W. 13 links
	" " 18" " " N. 49½° E. 8 "
	" " 16 " " N. 18° W. 36 "

BOOK-A-

West Boundary T. 28 S. R. 2

Chs		Chs.
	Land rolling	
	Soil mostly 1st " rate.	40,00
	A heavy growth of timber	
	on 80,00 chains.	
	November 22nd 1880	
	November 23rd " 1880	
	Note	
	Here take an observation	50,00
	of the North Star and find	59,50
	that the line last run	62,20
	agrees with the Meridian	80,00
	thus obtained.	
	North along W. side Sec 19.	
	Var. 15° 15' E.	
8,00	Descend	
18,00	Hollow drains N 85° W.	
28,50	" " S. 70° W.	
	Ascend	
39,00	Enter plateau.	

BOOK-A-173 381

R. 24 E. S.L.M.

Chs.

40,00 Set gray sandstone 22×10×4", 15" dep, marked 1/4 on N. side for 1/4 Sec. cor. from which,
Cedar 12" dia. bs. N 57 3/4° W. 10 links
Pin. pine 8" " " S. 85° E. 20 "
Both marked 1/4 S.B.T.

50,00 Descend

59,50 Gulch drains S. 75° W.

62,50 " " S.W.

80,00 Set gray sandstone 22×12×8" 15" dep, marked 3 notches on N. and S. edges, with reg. mound of earth and pits for cor. to Secs. 13, 18, 19, & 24. from which:
A pine pine 12" dia. bs. N. 25° W. 39 links
" " " 10" " S. 52° W. 9 "
" " " 14" " N. 33 1/2° E. 20 "
Land rolling.

West Boundary T. 28 S.

Chs.	
	Soil mostly 1st rate.
	A heavy growth of cedar
	and pine on 80.00 chs.
	North along W. side Sec. 18
	Var 15° 15' E
	Ascend
10.00	Enter plateau.
22.00	Descend
34.00	Hollow drains S. W.
40.00	Setrid sandstone 25×10×8'
	18" deep in mound of stone
	and earth, marked 1/4 on W.
	side, for 1/4 Sec. cor. from which
	A pinon pine 10" dia bears S. 51° W.
	12 links dist.
	A pinon pine 8" dia bears N. 32° W.
	15 links dist.
	Both marked 1/4 S.B.T.
57.00	Hollow drains S. W. Ascend

Chs	
68.00	A
80.00	S
	18
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	o.
	w
	p
	a
	A
	"
	"
	"
	p
	a

BOOK-A-173 583

R. 24 E. S. L. M.

Chs

68.00 Ascend gradually.

80.00 Set gray sandstone 25×10×8' 18" deep in mound of stone and earth, marked 4 notches on S. and 2 on N. edges with reg. mound of earth and pits for corr. sec. 7, 12, 13 and 18 from which

N. cedar 11" dia. bs. N. 44° W. 4 links
" pinon pine 8" " " S. 21° W. 25 "
" " " 10" " " S. 18° E. 12 "
" " " 8" " " N. 50¾° E. 15 "

Land rolling

Soil 2nd rate, rocky in places.

Timber — cedar, pinon pine and pine on 80.00 chain.

here

West Boundary T. 28 S.

Chs.		Chs.
	North along W. side Sec 7	
	Var. 15° 15' E.	
	Ascend gradually.	
35.00	Enter plateau, bears E. & W.	
40.00	Set gray sandstone 16 × 9 × 4	
	10" deep in mound of stone	
	and earth, marked 1/4 on	
	W. side, for 1/4 Sec. cor.	
	from which	
	A pine 12" dia. bs. S. 14½° E. 65 links	
	" " 16" " " N 53° W. 50 "	
	Both marked 1/4 S.B.T.	3.00
60.00	Descend	
80.00	Set red sandstone 15 × 9 × 6"	11.00
	10" deep, marked 5 notches	30.00
	on S. and 1 on N. edges, for	35.00
	cor. to Sect. 1. 6. 7. and 12.	
	from which	40.00
	Cedar 20" dia. bs. N 11° W. 15 links	
	" " 15" " " S. 28° W. 18 "	

BOOK-A-173 385

R 24 E. S. L. M.

Cont. A pinon pine 8" dia. B.S. 64° E. 37 links
" " " 10" " N 48° E. 28 "

Land rolling,
Soil 1st and 2nd rate,
rocky in places. Heavy
growth of cedar, pinon pine
and pine on 80.00 chains.

North along W. side Sec. 6
Var. 15° 15' E.

Descend
3.00 Hollow drains N.W. Ascends
N.W. end of ridge.
11.00 Descend
30.00 Enter meadow, Leave timber.
35.00 Wash drains W. Head of
Cane Creek.
40.00 Set granite boulder 12x12x10
8" deep, in mound of earth,
marked "C on W. side, with

West Boundary T. 28 S. R. 24 E.

Chs	
	reg. mound and pits for 1/4 Sec. cor.
42.00	Ascend on W. end of ridge. Enter timber.
50.00	Descend
60.00	Enter Wash drains S.W.
62.50	Leave " heads N.E. Ascend.
80.00	On edge of plateau bears N.E. & S.W. — Set gray sand-stone 22×14×10", in large mound of stones, marked 6 notches on the N.S. E. & W. edges, for Tp. cor. to Tps. 27 and 28 S. Rs. 23 and 24 E. from which
	A pinon pine 10" dia. bs. N 73° E. 24 links.
	" " " 9" " " S. 16½° W. [illegible] "
	A Cedar 20" " " S. 58° E. 29 "
	" " 18" " " N 45° W. 15 "
	Land rolling, Soil 1st and 2nd rate.

BOOK-A-

West

Chs

BOOK-A-173 387

West Boundary T. 28 S. R 24 E

Chs rocky in places.

Timber – cedar, and pinion pine on 68 chains.

Fractional North Boundary

Chs.	
	From the cor. to Tps. 27 and 28 S. Rs. 23 and 24 E. Drum
	East along N side Sec. 6 Var. 15° 15' E.
	Descend
7.60	Trail bears N. & S.
14.00	Hollow drains S.W. Ascend
30.00	Enter plateau, Timber Scattering Enter heavy oak brush.
40.00	Set granite stone 14×11×10" 10" deep, marked 1/4 on N side, with reg. mound of earth and pits, for 1/4 Sec cor.
72.00	Descend
80.00	Set red sand stone 14×12×8" 10" deep, marked 1 notch on W. and 5 on E. edges, with reg. mound of earth and pits

BOOK-A-173

T. 28 S. R. 24 E. S. L. M.

Chs. for cor. to Sect. 5.6.31 & 36.
from which
A pine 20" dia. bs. S. 32½° E.
156 links.
Land rolling.
Soil 1st and 2nd rate
Timber — cedar and pinon
pine on 1st 3000 chains.
Heavy undergrowth and
scattering timber on remainder

East along N. side Sec. 5
Var. 15° 15' E.

Descend
15,00 Enter Wash trains S. 65° E.
19.00 Leave " Ascend on main
mountains, Enter timber.
40.00 Set granite stone 15 x 14 x 8"
10" deep, marked ¼ on N
side, for ¼ Sec. cor. from which

Fractional North Boundary T. 28 S R 20

A pine 25" dia. bs. N 32° E. 92 links
" " 30" " " N 58° W. 65 "
Both marked 1/4 S.B.T.

80.00 Set granite stone 24 x 15 x 12", 16" deep, in mound of stone marked, 2 notches on W. and How E. edges, for cor. to secs 4, 5, 32 and 33
from which
A pine 24" dia bs. N 68° W. 84 links
" " 30" " " S. 22° W. 75 "
" " 20" " " S. 71° E. 48 "
Land mountainous
Soil 2nd rate, rocky in places.
Timber - yellow pine, oak
last 61.00 chains.

BOOK-A-173 391

Note: I abandon further survey E. on account of high, rocky mountains.

For General Description see end of Subdivision-notes of this Township

Nov. 23rd 1880
Ernst Buettner.
U.S. Dep. Surveyor

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BOOK-A-173

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th, 18 81

The foregoing field notes of the survey of the Fractional Survey & Re-Survey of the Exterior boundaries of

Township No 28 S. *Range No* 24 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Guettner

Under his *contract No* 96

of the 28th *day of* July 18 80,

in the month of November 18 80,

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

Geo. Salisbury

U. S. Surveyor General for Utah.

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BOOK-A-173

27 R: 395

Filed 187 .

Examined by

Compared by Gor Cuske & Bonletin

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions of Fractional

Township No. 28 South, *Range No.* 24 East

of the Salt Lake Meridian in Utah Territory.

BY

Ernst Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96.

dated July 28th 1880

Survey commenced November 23. 1880

Survey completed November 27th 1880.

Transcript 5 Made
to NB.

BOOK-A-173

Township 28 S. **R.** 24 E.

388 389

385 6 457 5 435 4 3 2 1

455 454 433

384 7 452 8 432 9 419 10 11 12

451 450 430

382 18 449 17 429 16 417 15 14 13

447 446 428 416 407

380 19 445 20 427 21 414 22 406 23 404 24

443 442 425 413 402

378 30 441 29 423 28 411 27 401 26 25

439 438 422 410 399

37 31 437 32 421 33 409 34 397 35 36

375 374 373 372 370 369

BOOK-A-173

Subdivisions Tp. 28. S. R. 24. E.

chs. Survey commenced
Nov. 23rd. 1880.

Note:— The Eastern tier of sections in this Tp. has been surveyed, I therefore commence at the corner to secs. 34 & 35 on the South boundary of the Township, from which I run:—

North bet. secs. 34 & 35.
Var. 15°15' E.

4.10 Irrigating ditch runs W.
10.00 " " " S. 70° W.
14.65 Hence bears E & W.
15.00 Wagon road to Las Animas bears E & W.
16.50 Wagon road to La Sal bears NE. Ascend & enter timber. Maxwell's cabin bears S. 75°

Subdivisions T. 28. S. R. 24. E.

chs.		chs.
	W. 4 chs. dist; and McCarty cabin bears N. 75° W. 3 chs. dist	
24.00	Top of low ridge bears NE. 8 chs. Descend	
25.75	Fence bears NE & SW.	
30.00	Leave timber & enter pasture.	
36.00	Wash drains West.	
37.00	Creek, 8 lks. wide, 12 in. deep, runs SW.	
40.00	In heavy oak brush. Set gran stone, 26×12×6 in. 16 in. deep, with reg. mound of earth & pits, marked 1/4 on W. side, for 1/4 sec cor.	1.50 5.00 12.00
40.75	Creek, 8 lks. wide, 12 in. deep, heads NE.	24.50 26.60
45.00	Wash drains SE.	36.00
80.00	Set a granite stone, 16×12×3 in. marked 1 mole on S. &	40.00 40.08

BOOK-A-173

Salt Lake Meridian

chs.	2 on E. edges, with reg. mound of earth & pits for cor. to secs. 26. 27. 34 & 35.
	Land, nearly level
	Soil 1st. rate.
	Timber, cedar & pine on 13.50 chs.
	East on a random line bet. secs. 26 & 35.
	Var. 15° 15' E.
1.50	Creek, 6 lks. wide, 15 in. deep, runs S.
5.00	Enter timber.
12.00	Leave " .
22.50	Wood road bears NW & SE.
26.60	Wash drains SE.
36.00	Fence bears NW & SE.
40.00	Set temp. 1/4 sec. cor.
40.08	Wagon road to La. Sal bears

Subdivisions T. 28 S. R. 24 E. Salt

chs. NE & SW. Enter heavy oak chs.
brush. Second gradually. 80.10
50.00 Leave brush. & enter timber.
80.10 Intersect N & S line, 16 lk
N. of cor. to secs. 25. 26. 3
& 36, which is a gray sand
stone, 24 × 12 × 8 in. mark
1 notch on S. and 1 on E. edg
in mound of stones; from
which:—
A pine, 15 in. dia. bs. S. 85½° W. 6 lks 7.00
" " 12 " " S. 71° E. 15 "
and from which corner S 11.00
run — N. 89° 53' W. on a 26.50
true line bet. secs. 26 & 35.
Var. 15° 15' E. 40.00
40.05 Set gray sandstone, 36 × 9 ×
in. 27 in. deep, marked 1/4
N. side, with neg. mound
earth & pits for 1/4 sec. cor.

BOOK-A-173

Salt Lake Meridian

chs.	
80.10	The cor. to secs. 26.27.34 & 35.
	Land, gently rolling.
	Soil 1st. rate.
	Timber, cedars & yellow pine
	on 37.60 chs.
	Undergrowth on 9.75 chains.
	North bet. secs. 26 & 27.
	Va. 15°15' E.
7.00	Wash drains S.E. 1ch and
	pine creek.
7.00	Ascend. E. into timber.
26.50	Fence bears S.W. & N.E.
	Leave timber.
40.00	On East side of ridge.
	Set granite stone, 18x12x12
	in. 12 in. deep, marked 1/4
	on W. side, with reg. mound
	of earth & pits for 1/4 sec. cor.

Subdivisions Tp. 28. S. R. 24

chs.	
66.00	Trail from La Sal to Gra river valley bears NW & SE.
80.00	Set a gray sandstone, 20 x 15 x 4 in. 13 in. deep, marked 2 notches on S & 2 on E. edge with reg. mound of earth & pits for corner to secs. 22. 23 26 & 27.
	Land, rolling
	Soil mostly 1st. rate.
	Timber, cedar & pinion pine on 14 chs.
	East on random line bet. secs. 23 & 26.
	Var. 15° 15' E.
3.20	Creek, 10 lks. wide, 12 in. deep flows S.
18.20	Wash drains SW.

BOOK-A

Sal

chs.
34.70
40.00
52.00
80.16
40.08
80.16

BOOK-A-173 403

R. 24 Salt Lake Meridian

	chs.	
to Gra	24.70	Wash draws S.W.
+ E.	40.00	Set temporary 1/4 sec. cor.
ne, 20		Ascend gradually. Enter
mark		brush.
E. edge	59.00	Leave brush.
/ east	80.16	Intersect N + S line, 24 lks.
. 24. 23		N. of cor. to secs. 23. 24. 25
		+ 26, which is a gray sand-
		stone, marked 2 notches
		on S. and low E. edges in
mts.		mound of stones, from
pine		which I run —
		N. 89° 50' W on a true line
		bet. secs. 23 + 26.
	40.08	Set red sandstone, 14 x 12 x
E.		9 in. marked 1/4 on N. side,
is. dug		with reg. mound of earth
		+ pits for 1/4 sec. cor.
	80.16	The cor. to secs. 22. 23. 26 + 27.

Subdivisions T. 28 S. R. 24.

chs.	
	Land, gently rolling.
	Soil, 1st. rate.
	Some oak brush. —
	NOTE! — To embrace in this survey some fine bed and timber lands I now return to the cor. to secs. 23, 24, 25 & 26 and from which corner I run —
	North bet. secs. 23 & 24.
	Var. 15°15' E.
	As cend gradually.
28.00	At foot of mountains and enter timber.
40.00	Set a granite stone, 16 x 12 x 12 in. 12 in. deep, with reg. mound of earth & pit and marked 1/4 on W. side for 1/4 sec. cor; from which

BOOK-A-173

Salt Lake Meridian

ch. A pine, 20 in. dia. bs. N.57°E. 32 lks.
" " 25 " " " S.42°W. 49 "

8.00 Set granite stone, 22 x 18 x 9 in.
16 in. deep, marked 3 on left
on Sand 1 on E. edges, with
reg. mound of earth & pits
for corner to secs. 13. 14. 23
& 24. from which —
A pine, 30 in. dia. bs. N.46°W. 72 lks.
" " 28 " " " S.43°W. 55 "
" " 16 " " " S.76°E. 16 "
" " 18 " " " N.10°E. 47 "
Land, lt 2 chs, nearly level
Soil, 1st. rate.
Remainder mountainous
Soil 2nd & 3rd. rates.
Timber, yellow pine on last
52 chs. —

BOOK-A-

Subdivisions T. 28. S. R. 24. E

chs.		chs.
	NOTE:— on account of high broken mountains discontinue further sum North & East.	
	From the corner to secs 22. 23. 26 & 27. I run North bet. secs. 22 & 23. Va. 15°15' E.	
17.00	Wash drains S.E.	
20.00	At foot of high mounta Ascend and enter timber	
40.00	Set a granite stone, 12×12× 10 in. 8 in. deep, marked 1/4 on W. side, with reg. mound of earth & pits for 1/4 sec. cor. from which Spun, 16 in. dia. bs. S. 22½° W. 60 lks. dist. " " 18 " " " North 53 " "	20.00
80.00	Set granite stone, 15×10×6 in.	35.00

BOOK-A-173

Salt Lake Meridian

chs. marked 2 notches on E. & 3 on S. edges, 10 inches in the ground with reg. mound of earth & pits for cor. to secs 14. 15. 22 & 23; from which:—

A pine, 20 in. diabs. S. 37° W. 50 lks.
" " 25 " " " S. 21° E. 72 "
" " 18 " " " N. 35° E. 43 "

Land 1st 20 chs. nearly level,
Soil, 1st. rate.

Remainder mountainous
Soil 2nd & 3rd. rates.

Timber yellow pine on last 60 chs.

East on random line
bet. secs. 14 & 23
Var. 15° 15' E.—

20.00 Descend.

35.00 Hollow drains S. 5 chains

Subdivisions T. 28. S. R. 24.

chs.	
	blow several springs from which a creek flows South Ascend.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect N & S line, 25 lk North of cor. to secs. 13.14. & 24, from which I run N-89° 49' W. on a true line bet. secs. 14 & 23.
40.06	Set a granite stone, 18 x 10 8 in. 12 in. deep, marked 1/4 on N. sides with reg. mound of earth & pits for 1/4 sec. cor, from which Spine, 26 in. dia. bs. S. 3½° W. 85 lks
	" " 25 " " " East 90
80.12	The cor. to secs. 13.14. 22 & 23.
	Land, mountainous.
	Soil 2nd & 3rd. rates.
	Timber yellow pine on 80.12 ch

BOOK-A-1

Salt

chs.	
	N
	40.00
	60.50
	63.00
	74.00
	80.0

BOOK-A-173 409

Salt Lake Meridian

chs. NOTE:— On account of high broken mountains I abandon further survey North.

November 23rd. 1880.

From the cor. to secs. 33 & 34 on the S. boundary of the Tp. I run —

North bet. secs. 33 & 34

Var. 15° 15' E.

40.00 Set a gray sandstone 16×10×10 in. 18 in. deep, marked 1/4 on W. side with reg. mound of earth & pits for 1/4 sec. cor.

60.50 Wash drains S.W.

63.00 Ascend. Enter timber.

74.00 Enter plateau. Leave timber.

80.00 Set granite stone 17×9×4 in. 18 in. deep, marked 1 on top

Subdivisions T. 28. S. R. 24. E

chs.	
	on S. and 3 on E. edges, with reg. mound of earth & pits for cor. to secs. 27. 28. 33 & 34
	Sand, mostly level, slopes to the South.
	Soil 1st. rate.
	Timber, cedar & pines on 11.00 chains.
	East on a random line bet. secs. 27 & 34.
	Va. 15° 15' E.
16.00	Descend & enter timber.
38.50	Wash drains SW.
40.00	Set temp. 1/4 sec. cor.
47.00	Fence NE & SW.
69.60	Trail bears N. 25° W.
78.00	Descend. Leave timber.
80.12	At foot. Intersect N & S line 9 lks. N. of cor. to secs. 26. 27

BOOK-A-1

Salt

chs.	
	3
	N
	bu
40.06	Se
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	ea
80.12	T
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	S
18.00	L
28.50	W
39.00	
40.00	
	x

BOOK-A-173

Salt Lake Meridian

chs. 34 & 35 from which I run N. 89°56' W. on a true line bet. secs. 27 & 34.

40.06 Set a granite stone, 12×11×5 in. 8 in. deep, marked 1/4 on N. side with reg. mound of earth & pits for 1/4 sec. cor.

80.12 The cor. to secs. 27, 28, 33 & 34.

Land, nearly level

Soil, 1st. rate.

Timber, cedar & pumon pine on 62 chs.

North bet. secs. 27 & 28.

Var. 15° 15' E.

18.00 Descend. enter timber

28.50 Wash drains SW.

39.00 " " "

40.00 Set granite stone, 22×14 × 12 in. 16 in. deep, marked

BOOK-A-

Subdivisions T. 28. S. R. 24. E. Salt

chs.		chs.
	14 on W. side, with reg. mound of earth & pits for 1/4 sec. cor. from which: —	
	A pinion pine, 8 in. dia. bs. S. 66° W. 34 lks; A cedar, 16 in. dia. bears S. 73½° E. 58 lks	6.00
49.00	Ascend on SW. end of ridge	16.00
66.00	Descend.	25.50
80.00	Set gray sandstone, 15×15×5 in, 16 in. deep, marked 2 notches on S. & 3 on E. edges, with reg. mound of rock & pits for cor. to secs. 21. 22. 27 & 28. from which: —	33.50
		40.00
		47.50
		52.25
		65.00
	A cedar, 20 in. dia. bs. S. 16° W. 22 lks. dist.	
	" pinion pine, 10 " " " S. 53° E. 10 " "	
	" cedar, 15 " " " N. 43° E. 16 " "	80.15

Land rolling.

Soil 2nd rate, rocky in place.

Timber — cedar & pinion pine on 62 chs.

BOOK-A-173 413

Salt Lake Meridian

chs.	East on a random line bet. secs. 22 & 27. Cor. 15°15' E.
	Ascend.
6.00	Enter plateau.
16.00	Leave plateau. Descend.
25.80	Trail bears N. 20° W.
33.50	Gulch drains S. Ascend.
40.00	Top of South end of low ridge. Set temporary 1/4 sec. cor. Descend.
47.50	Wash drains S. Leave timber.
52.25	Trail bears NW & SE.
65.00	Top of knoll; an indian monument 2 chs. North of line. Descend.
80.15	Intersect N & S line, 16 chs. N. of cor. to secs. 22. 23. 26 & 27. from which: I run N. 89° 53' W on true line bet secs. 22 & 27.

Subdivisions T. 28. S. R. 24. E.

chs.	
40.07	Set a sandstone, 16×12×8 in. 12 in. deep, marked 1/4 on N. side, with reg. mound of earth & pits for 1/4 sec. cor. from which:—
	Acedar, 14 in. dia. bs. N. 51° E. 58 lks. dis.
	" " 15 " " " S. 58° W. 55 "
80.15	The cor. to secs. 21. 22. 27 & 28.
	Land rolling.
	Soil hud. rate, rocky in places
	Timber, cedar & pumice pine on 47.50 chs.—
	North bet. secs. 21 & 22.
	Var. 15° 15' E.
	Descend.
10.25	Gulch drains SW. Ascend.
26.00	Top.—
39.00	Descend.

BOOK-A-

Sal

chs.	
40.00	
45.60	
48.00	
57.00	
80.00	

BOOK-A-173 415

Salt Lake Meridian

chs.

40.00 Set a granite stone, 12×12×8 in. 8 in. deep, marked 1/4 on W. side, with reg. mound of earth & pits for 1/4 sec. cor. from which:—

A cedar, 21 in. dia bs. N. 70° W. 25 lks

" " 16 " " " S. 61° E. 40 " dist

45.60 Trail bears NW & SE.

48.00 Hollow drains SW. Ascend,

57.00 Enter plateau, leave timber.

80.00 Set granite stone, 24×10×10 in. 18 in. deep, marked 3 notches on S. & 3 on E edges for cor. to secs. 15. 16. 21 & 22

Land, 1st 57 chs. rolling

Soil 2nd rate, rocky in places

Remainder level. Soil 1st. rate

Timber - cedar & pinion pine on 57 chs.

BOOK-A-1

Subdivisions T. 28. S. R. 24. E.

chs.		chs.
	East on random line bet. secs. 15 & 22	
	Va. 15° 15' E.	
18.00	Gulch drains S. 15° W. descend	
	Lentic timber.	
40.00	Set temp. 1/4 sec. cor.	
45.00	Descend.	
67.00	Hollow drains S. descend	
80.16	Intersect N & S line, 14 lks. N. of cor. to secs. 14. 15. 22 & 23,	
	from which I am N. 89° 54' W.	8.00
	on a true line bet. secs. 15 & 22	25.00
40.08	Set granite stone, 20 x 13 x 8 in. 15 in. deep, marked 1/4 on North side, with reg. mark of each & pits for 1/4 sec. cor.	40.00
	from which:—	
	A pine, 15 in. dia. bs. S. 22 3/4° E. 42 lks.	
	" " 20 " " " N. 4 1/2° W. 77 "	
80.16	The cor. to secs. 15. 16. 21 & 22.	

BOOK-A-173 417

Salt Lake Meridian

chs. Land, 1st. 18 chs. nearly level
Soil 1st. rate.
Remainder mountainous.
Soil 2nd. rate, rocky in places.
Timber, yellow pine on 62 chs.

North bet. secs. 15 & 16.
Var. 15°15' E.

8.00 Ascend. Enter heavy brush.
25.00 Enter timber. Leave " " .
40.00 Set granite stone, 16 x 11 x 8 in. 11 in. deep, marked 1/4 on W. side, with reg. mound of earth & pits for 1/4 sec. corner. from which:—
A pine, 26 in. dia. bs N. 49° E. 65 lks. dist.
" " 20 " " S. 16½° W. 38 " " .
Descend.

BOOK-A-17

Subdivisions T. 28. S. R. 24. E

chs.	
60.00	Head of gulch drains SW. Ascend
80.00	Set granite stone, 17×10×6 in. 12 in. deep, marked 4 notches on S. & 3 on E. edges with reg. mound of stones for cor. to secs. 9. 10. 15 & 16 from which
	A pine, 30 in. dia. bs. N 22½° E. 108 lks. dist.
	" " 25 " " " N. 54° W. 96 " "
	" " 16 " " " S. 82° W. 80 " "
	" " 20 " " " S. 26° E. 12 " "
	Sand, mountainous.
	Soil mostly rocky.
	Timber, yellow pine on last 55 chs. Heavy undergrowth on 17 chs.

NOTE: On account of high steep mountains I abandon further survey East

Salt

chs.	No
	bea
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	N
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15.00	A
40.00	S
	9
	se
	e
	p
	A
	"
	c
68.00	
80.00	c

BOOK-A-173 179

Salt Lake Meridian

ch. NOTE:— A high peak bears East about 1 mile.

North bet. secs. 9 & 10.
Var. 15° 15' E.

Descend.

15.00 Hollow drain S. 65° E. Ascend

4.00 Set a granite stone, 14 x 7 x 6 in. 9 in. deep, marked 1/4 on W. side, with reg. mound of earth and pits for 1/4 sec. cor. from which:—

4 pits, 12 in. dia. bs. N. 51 1/2° E. 64 lks.
" " 10 " " " S. 75° W. 68 "

Descend.

68.00 Hollow drain W. Ascend,

8.00 Set granite stone, 24 x 18 x 12 in. 18 in. deep, marked 5 notches on S & 3 on E. edges, with reg. mound of earth &

BOOK-A-

Subdivisions T. 28. S. R. 24. E.

chs	pits for cor. to secs. 3. 4. 9 & 10, from which:—	
	A pine, 14 in. dia. bs. N. 62½° E. 34 lks.	
	" " 18 " " " N. 58° W. 40 "	
	" " 36 " " " S. 15½° W. 92 "	
	" " 20 " " " S. 25° E. 65 "	23.50
	Sand, mountainous.	40.00
	Soil mostly rocky	
	Timber, yellow pine on 80 chs.	
	NOTE: 1 On account of high steep mountains I abandon further survey North & East.	42.00
		55.00
	November 24th. 1880.	64.00
	NOTE: 2 I find by an observation of the North Star, tonight that the line last run is in accordance with the meridian I obtained.	76.00
		80.00

BOOK-A-173 421

Salt Lake Meridian

	chs.	From the cor. to secs. 32 & 33 on the South boundary of the Township Drum North between secs. 32 & 33. Var. 15°15' E.
	23.50	Wash drains SW.
	40.00	Set a granite boulder, 15×10×5 in. 10 in. deep, marked 1/4 on W. side, with reg. mound of earth & pits for 1/4 sec. cor.
	42.00	Wash drains SW.
	55.00	Ascend & enter timber.
	64.00	Top of SW. end of low ridge. Descend.
	76.00	Enter bottom. Leave timber
	80.00	Set granite stone, 14×14×7 in. 9 in. deep, marked 4 notches on E. & 1 on S. edges, with reg. mound of earth & pits

BOOK-A-1

Subdivisions T. 28. S.R. 24E.

chs.		chs.
	for cor. to secs. 28.27.32&33.	
	Land 1st 55 chs. level.	66.00
	Soil, 1st rate,	80.08
	Remainder, rolling.	
	Soil 2nd. rate	
	Timber – cedar & pine	
	on 21 chs.	
		40.04
	East on random line	
	bet. secs. 28 & 33.	
	Var. 15°15' E.	
1.50	Descend & enter timber.	80.08
15.00	Top of low ridge bears NE.	
	& SW. Descend,	
28.00	Wash drains SW. Ascend,	
	Timber & cattering.	
40.00	Top of low ridge bears NE	
	& SW and set temp. 1/4 sec. cor.	
52.00	Wash drains SW. Ascend	
	& enter timber,	2.50

BOOK-A-173 423

Salt Lake Meridian

chs.	
66.00	Enter plateau, leave timber.
80.08	Intersect N & S line, 12 lks. W. of cor. to secs. 27.28.33 & 34, from which cor. I run — N. 89° 55' W. on a true line bet. secs. 28 & 33.
40.04	Set gray sandstone, 16 x 11 x 9 in. 1 ft. in. deep, with mound of stone for 1/4 sec. cor. No trees at land.
80.08	The cor. to secs. 28.29.32 & 33. Land, rolling. Soil, med. rate. Timber — cedars & junipers pine on 40.50 chs. —
	North bet. secs. 28 & 29. Var. 15° 15' E.
2.50	Gulch drains S.W.

BOOK-A-

Subdivisions T. 28. S. R. 24 E. Salt

chs.		chs.
6.00	Ascend & enter timber	
15.00	Top of low ridge bears NE & SW.	
22.00	Wash drains SW. Ascend.	
34.00	Top of low ridge bears NE & SW.	
40.00	Set granite stone, 14 × 11 × 5 in. 9 in. deep, marked 1/4 on W. side, with reg. mound of earth & pits for 1/4 sec. cor. from which: —	
	A pinion pine, 5 in. dia. bs. S. 77° E. 60 lks.	
	" " " 5 " " S. 64° W. 30 "	
42.50	Hollow drains SW.	
68.00	" " "	
75.00	Ascend.	9.00
80.00	Set gray sandstone, 16 × 12 × 9 in. 12 in. deep, marked 2 notches on S. & 4 on E. edges, with reg. mound of earth & pits for cor. to secs. 20. 21. 28 & 29. from	23.00 39.00 55.00

BOOK-A-173 4 25

	chs.	which:—
		Cedar, 21" dia. bs. N.66°W. 23 lks. dist.
		" " 15" " " N.16°E. 12 " "
		" " 16" " " S.5°E. 18 " "
		" pinion pine 12" " " S.10°W. 35 " "
		Land rolling.
		Soil bud. rate, rocky in places.
		Timber, cedar & pinion pine
		on 74 chs.—
		East on random line
		bet. secs. 21 & 28.
		Var. 15°15' E.
		Descend.
	9.00	Head of hollow drains SW.
		Ascend on South end of ridge.
	23.00	Descend.
	39.00	Hollow drains SW. Ascend
		on SW. end of ridge.
	55.00	Descend.

BOOK-A-

Subdivisions T. 28. S. R. 24 E. Salt

chs.		chs.
69.00	Gulch drain S.W. Ascend.	
80.12	Intersect N. & S. line, 7 lks.	
	S. of cor. to secs. 21. 22. 27 & 28	12.50
	from which cor. I run —	31.00
	S. 89° 57' W. on true line	
	bet. secs. 21 & 28.	40.00
40.06	Set a gray sandstone, 18 x 15	
	x 10 in. 12 in. deep, marked	
	1/4 on N. side, with reg. mound	
	of earth & pits for 1/4 sec. cor.	47.00
	from which: —	62.00
	A pinion pine, 10" dia. bs S. 56° E. 42 lks. dist.	80.00
	" " " 6" " " S. 82° W. 45 " "	
80.12	The cor. to secs. no. 21. 28 & 29.	
	Land rolling.	
	Soil mod. rate. rocky	
	in places. Timber, cedar	
	& pinion pine on 80.12 chs.	

Salt Lake Meridian

chs.	
	North bet. secs. 20 & 21. Var. 15°15' E.
	Descend.
12.50	Hollow drains SW. Ascend.
31.00	Top of low ridge bears SW. & NE. Descend.
40.00	Set gray sandstone, 14 x 10 x 10 in, 10 in. deep, marked 1/4 on W. side, with reg. mound of earth & stones for 1/4 sec. cor.
47.00	Wash drains SW. Ascend.
62.00	Enter plateau Timber scattering
80.00	Set granite stone, 12 x 12 x 10 in, 8 in. deep, marked 3 notches on S. & 4 on E. edges, with reg. mound of earth & pits for cor. to secs. 16.17. 20 & 21 from which:—
	A pinion pine, 10 in. dia. bs. N. 34° E. 68 lks. dist.

BOOK-A-

Subdivisions T. 28 S. R. 24 E.

chs		chs.
	Land rolling. Soil rocky	
	Timber, cedar & pinion pine, on 1st. 62 chs. scattering on remainder.	80.15
	East on random line. bet. secs. 16 & 21. Var. 15°15' E.	
34.20	Trail bs. NW & SE.	
40.00	Set temp. 1/4 sec. cor.	
59.00	Hollow in heavy brush land 10 chs. above.	12.40
		19.25
80.15	Intersect N & S line, 9 lks.	21.00
	N. of cor. to secs. 15, 16, 21 & 22,	40.00
	from which cor. I run N. 89° 56' W. on a true line bet. secs. 16 & 21	
40.07	Set granite stone, 14 x 12 x 6 in.	70.00
	9 in. deep, marked 1/4 on N.	73.50

BOOK-A-173 429

Salt Lake Meridian

chs.	side, with reg. mound of earth & pits for 1/4 sec. cor.
80.15	The cor. to secs. 16. 17. 20 & 21.
	Land, nearly level, sloping to the West.
	Soil, 1st. rate
	No Timber.

North bet. secs. 16 & 17.
Va. 15° 15' E.

	Descend.
12.40	Hollow drains S.W. Ascend.
19.25	Trail bears NW & SE.
21.00	Enter plateau.
40.00	Set granite stone, 12x10x9 in. Sim. dup, marked 1/4 on W. side, with reg. mound & pits for 1/4 sec. cor.
70.00	Descend.
73.50	Enter bottom.

Subdivisions T. 28 S. R. 24 E.

chs.		chs.
78.50	Wash drains SW.	43.00
80.00	In heavy oak brush; set a granite stone, 16×14×12 in. 11 in. deep, with reg. mound & pits, and marked 4 notches on S. & E. edges for cor. to secs. 8. 9. 16 & 17.	49.00
	Land, gently rolling.	80.15
	Soil, tolerable.	40.07
	Timber, some scattering cedars & pines.	
	East on random line bet. secs. 9 & 16.	80.15
	Var. 15°15' E.	
	Ascend in heavy oak brush on south side of ridge.	
40.00	On S. foot of main mountain. Set a temp. 1/4 sec. cor.	

BOOK-A-173 431

Salt Lake Meridian

chs.

43.00 Descend.

49.00 Gulch drains S. 70° W. Ascend, leave brush & enter timber.

80.15 Intersect N & S line, 25 lks. N. of cor. to secs. 9.10. 15 & 16, from which cor. I run — N. 89° 49' W. on a true line bet. secs 9 & 16.

40.07 In heavy brush. Set granite stone, 16 x 12 x 7 in. 11 in. deep, with reg. mound of earth & pits and marked 1/4 on N. side for 1/4 sec. cor.

80.15 The cor. to secs. 8. 9. 16 & 17

Land, mountainous.

Soil, 1st & 2nd. rate, and rocky in places.

Heavy brush on 1st. 49 chs.

Timber — yellow pine on 31.15 chs.

Subdivisions T. 28. S. R. 24 E.

chs.	
	North bet. secs 8 & 9.
	Va. 15°15' E.
	Ascend in heavy brush.
8.00	Enter plateau & timber, leave brush.
33.00	Descend. Leave timber, enter brush.
36.00	Head of hollow, drains S.W. Ascend.
39.50	Enter plateau & timber. Leave brush.
40.00	Set gray sandstone, 18 x 12 x 9 in., 12 in. deep, with reg. mound & pits and marked 1/4 on W. side, for 1/4 sec. cor. from which: Spruce, 14 in. dia. bs. N. 7° W. 11 lks. dist. " " 12 " " " S. 74° E. 27 " "
59.50	Hollow drains West.
71.00	Foot of main mountain. Ascend.

BOOK-A

Sal

chs.

80.00

BOOK-A-173 438

Salt Lake Meridian

chs.

80.00 Set granite, 24×12×12 in. 16 in. deep, marked 5 notches on S & 4 on E. edges, with reg. mound of earth & pits for cor. to secs. 4. 5. 8 & 9. from which:—

A pine 20 in. dia. bs N. 12° E. 68 lks. dist.
" " 32 " " " N. 25° E. 53 " "
" " 25 " " " S. 50° W. 45 " "

Land, 1st. 8 & last 9 chs, mountainous
Soil 3rd. rate.

Remainder, rolling plateau.
Soil 1st. rate.

Timber, pine, cedar, & spruce
pine on 65.50 chs.

East on random line
bet. secs. 4 & 9.
Var. 15° 15' E.

Subdivisions Tp. 28 S. R. 24 E.

chs.		chs.
	Ascend on S. side of high mountains	
40.00	Set temp. 1/4 sec. cor.	
80.18	Intersect N & S. line, 28 lks. N. of cor. to secs. 3.4.9 & 10, from which cor. I run N. 89°48' W. on a true line bet. secs. 4 & 9	29.00
		40.00
	Va. 15°15' E.	50.00
40.09	Set a granite stone, 24 x 15 x 10 in. 18 in. deep, marked 1/4 on N. side, with reg. mound of earth & pits for 1/4 sec. cor. from which:—	80.24
	A pine, 20" diab. N. 18 1/2° W. 85 lks. dist	22.28
	" " 25" " " S. 6 3/4° E. 110 " "	40.24
80.18	The cor. to secs. 4.5.8.& 9	
	Land mountainous.	
	Soil rocky.	
	Timber, yellow pine on 80.18 chs.	67.80
		80.24

Salt

BOOK-A-173 235

Salt Lake Meridian

chs. North on random line
bet. secs. 4 & 5.
Var. 15°15' E.
Ascend on W. side of high
mountain
27.00 Leave timber, enter a rocky slide.
40.00 Set temp. 1/4 sec. cor.
50.00 Enter timber, leave rocky
slide.
80.24 Intersect the North boundary
of Tp. 23 lks. W. of cor. to secs.
4 & 5, from which cor. I run
S. 0°10' W.
22.28 A pine 36" dia.
40.24 Set granite stone, 36 x 20 x
18 in. 27 in deep, marked 1/4
on W. side, with reg. mound
of earth pits for 1/4 sec. cor.
67.80 Pine 40" dia.
80.24 The cor. to secs. 4, 5, 8 & 9.

Subdivisions T. 28. S. R. 24 E.

ch. Land, mountainous
Soil 3rd. rate, rocky
Timber — yellow pine on 57.
24 ch.

November. 25th. 1880.

NOTE:— The line last run agrees with the Meridian line determined by observation of the Polar Star tonight.

ch.

11.60
22.00
4.00

67.20
76.00
8.00

BOOK-A-173

Salt Lake Meridian

ch. From cor. to secs. 31 & 32 on the South boundary of the Township Same — North bet. secs. 31 & 32.
Var. 15° 15' E.

11.60 Wash drains SW.

22.00 " " "

40.00 Set granite stone, 15 x 8 x 6 in. 10 in. deep, with reg. mound of earth & pits for 1/4 sec. cor.

67.20 Wash drains SW.

76.00 Ascend.

80.00 Set granite boulder, 14 x 12 x 7 in. 9 in. deep, marked 1/ notch on S. & 5 on E. edges with reg. mound of earth & pits for cor. to secs. 29, 30, 31 & 32.

Land, nearly level.
Soil, 1st. rate
No Timber

BOOK-A-1

Subdivisions T. 28. S. R. 24. E.

chs.		chs.
	East on random line bet. secs. 29 + 32 — Var. 15° 15' E.	40.03
	Ascend	
4.00	Cross W. end of low ridge bears NE. Descend.	
16.00	Enter timber.	80.06
18.00	Wash SW. ascend	
21.00	Leave timber	
38.00	Top of low ridge bears NE + W. 3 chs. Descend.	
40.00	Set temporary 1/4 sec. cor.	
44.00	Enter timber	
57.50	Wash drains SW. Ascend	
65.00	Top of low ridge bears NW + E.	
71.00	Leave timber.	
78.00	Wash drains SW.	3.00
80.06	Intersect N + S line, 14 chs.	16.00
	S. of cor. to secs. 28, 29, 32 + 33,	30.00
	from which cor. I run S. 89°	40.00

Salt Lake Meridian

chs. 54 W. on true line bet.
secs. 29 & 32.

40.03 Set gray sandstone, 13×11×8
in. 9 in. deep, marked 1/4 on
N. side, with reg. mound
of earth & pits for 1/4 sec. cor.

80.06 & the cor. to secs. 29, 30, 31 & 32
Land, rolling
Soil mostly 1st rate
Timber — cedar & juniper pine
on 32 chs.

West on a random line
bet. secs. 30 & 31.
Var. 15°15' E.
Descend
3.00 Enter timber.
10.00 Wash drains SW.
20.00 " " "
40.00 Set temporary 1/4 sec. cor

BOOK-A

Subdivisions T. 28. S. R. 24. E.

chs		chs.
47.00	Leave timber	
54.00	Wash drains S.W. enter timber	
70.25	Wash " "	4.00
80.14	Intersect W. boundary of the Township at cor. to secs. 30 & 31, from which I run East on a true line between secs. 30 & 31	10.50
		22.00
		32.50
		38.00
	Var. 15° 15' E.	40.00
40.14	Set burnt red sandstone, 20 x 11 x 8 in. 15 in. deep, marked 1/4 on N. side, with reg. mound of earth & pits for 1/4 sec. cor. from which:—	
	A junior pine, 6" dia. bs. N. 35° W. 58 lks. dist.	47.00
		65.00
80.14	The cor. to secs. 29, 30, 31 & 32.	75.00
	Land, rolling. Soil 1st rate.	80.00
	Timber, cedar & junior pine on 70.14 chs.	

BOOK-A-173 441

Salt Lake Meridian

chs. North bet. secs. 29 & 30.
Var. 15° 15' E.

Descend.

4.00 Enter timber.

10.50 Wash drains SW. ascend.

24.00 Top of low ridge bears SW & NE.

Descend.

32.50 Wash drains SW.

38.00 Ascend.

40.00 Set red sandstone, 16 x 12 x 8 in. 12 in. deep, marked 1/4 on W. side, in mound of stones for 1/4 sec. cor. from which:—
Aspen 15" dia. bs. N. 9° E. 32 lks. dist.
" pinion pd. 7" " S. 64° W. 19 " "

47.00 Leave timber & enter bench.

65.00 Leave bench & enter timber.

75.00 Gulch drains Westerly. Ascend.

80.00 Set red sandstone, 20 x 12 x 9 in. 15 in. deep, marked 2 notches

Subdivisions T. 28. S. R. 24. E.

chs.	
	on S & 5 on E. edges in mound of stones for cor. to secs. 19. 20. 29 & 30. from which:—
	A cedar, 16" dia. bs. S. 16½° W. 48 lks. dist.
	" " 18" " " N. 24° E. 15 " "
	" pinion pine, 9" " " N. 76° W. 13 " ".
	Land, rolling
	Soil hud. rate, rocky in places.
	Timber - cedar & pinion pine on 58 chs.
	East on random line bet. secs. 20 & 29.
	Var. 15° 15' E.
8.00	Wash drains SW. heads 12 chs. NE. Ascend.
18.00	Leave plateau.
25.00	Timber, scattering.
40.00	Set temp. ¼ sec. cor.
52.00	Leave plateau. Descend.

BOOK-A-

Sat

chs.	
61.50	
80.10	
40.05	
80.10	

BOOK-A-173 443

Salt Lake Meridian

chs.	Enter timber.
61.50	Wash drains SW.
	Ascend gradually.
80.10	Intersect N & S line, 28 lks.
	S. of cor. to secs. 20. 21. 28 & 29
	from which cor. I run —
	S. 89° 48' W. on a true line
	bet. secs. 20 & 29.
40.05	Set gray sandstone, 15 x 12,
	11 in. 10 in. deep, with reg.
	mound of earth & pits
	for 1/4 sec. cor.
80.10	The cor. to secs. 19. 20. 29 & 30.
	Land, slightly rolling.
	Soil, mostly 1st. rate.
	Timber — cedars & pinion pins
	on 53.10 chs. —

West on random line
bet. secs. 19 & 30.

Subdivisions T. 28. S. R. 24. E.

chs.	Var. 15°15' E.
3.00	Enter a narrow plateau.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect W. boundary of Tp. 23 lks. S. of cor. to secs. 19 & 30 from which I run — S. 89°50' E. on a true line bet. secs. 19 & 30.
40.12	Set red sandstone, 12×12×10 in. 8 in. deep, marked 1/4 on N. side, with reg. mound of earth & pits for 1/4 sec. cor. from which: —
	A pinion pine, 16" dia. bs. N. 87° W. 25 lks.
	" " " 8" " " East 8 "
80.12	The cor. to secs. 19. 20. 29 & 30.
	Land, rolling
	Soil hud. rate, rocky in places.
	Timber, cedar & pinion pine on 80.12 chs.

BOOK-A

Sa

chs.	
1.00	
8.00	
17.00	
27.00	
40.00	
48.00	
55.00	
67.00	
77.00	
80.00	

BOOK-A-173 495

Salt Lake Meridian

ch. North bet. secs. 19 & 20.
Var. 15°15' E.

1.00 Enter plateau.
8.00 Leave " . Descend.
17.00 Hollow drains Westerly. Ascend.
27.00 Enter plateau.
40.00 Set gray sandstone, 22×14×
12 in. 16 in. deep, marked
1/4 on W. side, with reg. mound
of earth & pits for 1/4 sec. cor.
from which: —
A juniper, 16" dia. bs. S. 23° W. 12 lks.
" " " 14" " N. 37° E. 28 "
48.00 Descend.
55.00 Hollow drains Westerly. Ascend.
67.00 On top.
77.00 Descend.
80.00 Set gray sandstone, 15×7×6",
10 in. deep, marked 3 notches
on S. & 5 on E. edges, in mound

BOOK-A

Subdivisions T. 28. S. R. 24 E. | Vale

chs.		chs.
	of stones for cor. to secs. 17, 18, 19 & 20 from which:—	
	A cedar 14 inches. bs. S. 60° E. 18 lks. dist	40.04
	" " 15 in " " S. 41° W. 47 " "	
	" " 18 " " " N. 7° W. 50 " "	
	" pinion pine 16" " " N. 20¼° E. 6 " "	
	Land, rolling, rocky in places. Timber — cedar & pinion pine on 80 chs.	80.08
	East on random line bet. secs. 17 & 20. Var. 15° 15' E.	
5.00	Enter plateau.	
37.00	Leave " . Descend.	
40.00	Set temp. ¼ sec. cor.	
59.50	Hollow drains S.W. Ascend.	
80.08	Intersect N & S line 29 lks.	11.00
	S. of cor. to secs. 16, 17, 20 & 21	40.00
	from which cor. I run S. 89°	45.00

BOOK-A-173

BOOK-A-173

Salt Lake Meridian

	chs.	47 W. on a true line bet. secs. 17 & 20.
	40.04	Set gray sandstone, 15 X 8 X 6 in. in mound of stones, for 1/4 sec. cor. from which, 4 pinion pine, 8" dia. bs. S. 80° E. 35 lks. " " " 6" " " N. 54° W. 19 " .
	80.08	The cor. to secs. 17. 18. 19 & 20
		Land rolling. Soil bnd. rate ~~rocky in places~~. Timber — cedar, pinion pine & some pine on 80.08 chs.
		West on random line bet. secs. 18 & 19 Var. 15° 15' E.
	11.00	Wash drains S.W. Ascend
	40.00	Set temp 1/4 sec. cor.
	45.00	Top of low ridge heads N.E. & S.W.

Subdivision T. 28 S. R. 24 E.

chs.	Descend
63.00	Gulch drains SW. descend,
80.08	Intersect W. boundary of T. p. 17 chs. S. of cor. to secs. 18 & 19 from which cor. I am S. 89° 53' E. on a true line bet. secs. 18 & 19.
40.04	Set a gray sandstone, 18 x 10 x 5 in. in mound of stones for 1/4 sec. cor. from which:—
	A pinion pine, 17" dia. bs. N. 46½° W. 36 chs.
	" " " 8" " " S. 15° E. 14 "
80.08	The cor. to secs. 17, 18, 19 & 20.
	Sand rolling
	Soil hard rab. rocky in places
	Timber—cedar, pine & pinion pine on 80.08 chs.

November 26th. 1880.

chs.	S
3.00	M
	10
21.50	14
46.00	S
	x6
	on
	1/4
60.50	14
69.00	
80.00	Se
	17
	se
	on
	se
	A pin
	" "
	" ced

BOOK A-173

Salt Lake Meridian

chs.	North bet. secs. 17 & 18.
	Va. 15°15' E.
3.00	Wash drains S. 70° W. heads 10 chs. above.
21.50	Hollow drains W.
40.00	Set gray sandstone, 15 × 12 × 6 in. 10 in. deep, with reg mound of earth & pits, marked 1/4 on W. side for 1/4 sec. cor.
60.50	Hollow drains W.
69.00	" " "
80.00	Set gray sandstone, 16 × 9 × 3 in 12 in. deep, in mound of earth & stones, marked 4 notches on S. & 5 on E. edges for cor. to secs. 7. 8. 17. & 18. from which:

A pinion pine, 13" dia. bs. N. 13½° W. 15 lks.
" " " 14" " " S. 67° E. 27 "
" cedar 14" " " S. 18° E. 46 "

Sand, rolling.

Subdivisions T. 28. S. R. 24. E.

chs.	
	Soil 2nd rate, rocky in place. Timber—cedar & pinion pine on 80.00 chs.
	East on random line bet. secs. 8 & 17 Var. 15°15' E.
11.00	Gulch drains SW.
18.65	Trail bears S. 65° E.
40.00	Set temp. 1/4 sec. cor.
47.50	Gulch drains SW. Timber scattering.
80.20	Intersect N & S line, 17 lks. S. of cor. to secs. 8. 9. 16 & 17. from which:—I run— S. 89° 50' W, on true line bet. secs. 8 & 17.
40.10	Set gray sandstone, 12 x 8 x 4 in. in mound of stones for 1/4 sec. cor. from which:—

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Salt Lake Meridian

chs. A cedar, 8" dia. bs N. 53° W. 36 lks dist.
" pinion pine, 5" " " S. 71° E. 11 " "
80.20 The cor. to secs. 7. 8. 17 & 18.
Land, rolling
Soil mostly 1st. rate.
Timber, - cedar, pine & pinion pine on 47.50 chs.

West on random line
bet. secs. 7 & 18.
Var. 15° 15' E.
5.50 Gulch drains SW.
21.00 " " "
32.00 Head of hollow drains SW.
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect W. boundary of Township, 9 lks. S. of cor. to secs. 7 & 18 from which cor.
I run — S. 89° 56' E. on a true line bet. secs. 7 & 18

Subdivisions T. 28. S. R. 24. E.

chs	
40.00	Set sandstone, 15×9×8 in. 10 in deep, in mound of earth & stones for 1/4 sec. cor. from which:—
	A pinion pine, 11" dia. bs. N. 9½° E. 9 chs.
	" " " 10" " " S. 9° W. 22 "
80.00	The cor. to secs. 7. 8. 17 & 18.
	Sand rolling
	Soil mostly rocky & 3rd. rate.
	Timber — cedar & pinion pine on 80 chs.
	North bet. secs: 7 & 8.
	Var. 15°15' E.
4.75	Hollow drains SW. Leave timber
11.00	Trail bs. NW & SE.
31.00	Hollow drains SW. Enter heavy oakbrush.
40.00	Set gray sandstone, 16×9×9 in

BOOK-A-

Sal

chs.	
65.00	
80.00	

BOOK-A-173 453

Salt Lake Meridian

chs. Raw deep, marked 1/4 on W. side with reg. mound of earth & pits for 1/4 sec. cor.

65.00 Hollow drains NE. a-cend.

80.00 Set a gray sandstone, 22×14×12 in. 16 in. deep, marked 5 notch on S. & E. edges, with reg. mound of earth & pits for cor. to secs. 5.6.7 & 8, in heavy brush on NE. end of low ridge.

Land, rolling

Soil, mostly 1st. rate

Timber, cedar & yellow pine on 4.75 chs.

Heavy brush with scattering timber on remainder

(over)

BOOK-A-173

Subdivisions T. 28. S. R. 24 E.

Chs.	
	East on random line bet. secs. 5 & 8
	Var. 15° 15' E.
	Descend.
30.00	Hollow drains N. 65° W.
	Ascend
40.00	Set temp. 1/4 sec. cor.
45.00	Enter plateau. Scare brush
70.00	At foot of mountain.
	Ascend & enter timber.
80.18	Intersect N & S line, 9 lks.
	S. of cor. to secs. 4, 5, 8 & 9, from which cor. I run —
	S. 89° 56' W. bet. secs. 5 & 8.
40.09	Set gray sandstone, 15 x 10 x 7 in. 10 in deep, with reg. mound of earth & pits, marked 1/4 on N. side, for 1/4 sec. cor. in heavy brush.
80.18	The cor. to secs. 5. 6. 7 & 8.

Sat

Chs	
	Lo
	Fr
	last
	grow
	on
	We
	be
	D
11.50	Gu
30.50	Fr
40.00	Se
47.00	D
54.50	Gu
66.00	To
	10°
79.00	Gu
80.04	N

BOOK-A-173

Salt Lake Meridian

Land, rolling.
Soil, 1st. rate,
Timber — yellow pine on last 10 chs. Heavy under growth & scattering timber on first 45 chs.

West on random line bet. secs. 6 & 7.
Var. 15°15' E.

Descend.
11.50 Gulch drains S.W. Ascend
30.50 Trail bears N.
40.00 Set temp. 1/4 sec. cor.
47.00 Descend.
54.50 Gulch drains N. ascend.
66.00 Top of side ridge bears N. 10° W. Descend.
77.00 Gulch drains N. 15° W.
80.04 Intersect W. boundary of

Subdivisions T. 28. S. R. 24 E.

chs.		chs.
	Township, 11 lks. N. of cor. to secs. 6 & 7, from which corner I run —	
	N. 89° 55' E.,	
	on a true line between secs. 6 & 7.	10.50
40.04	set a gray sandstone, 21 x 14 x 7 in. 16 in. deep, marked 1/4 on N. side for 1/4 sec. cor. from which: —	22.00 35.00 40.00 48.00
	A pinion pine, 14" dia. bs. S. 6 1/2° E. 6 lks.	60.00
	" " " 12" " " S. 40 1/2° W. 55.	
80.04	The cor. to secs. 5. 6. 7 & 8.	71.50
	Land, rolling	80.10
	Soil, 2nd. rate, rocky in places.	
	Timber — cedar & pine on 68.50 chs.	
	Heavy brush on 1st. 11.50 chs.	
		40.10

BOOK-A-173

Salt Lake Meridian

chs. North on random line bet. secs. 5 & 6.

Var. 15° 15' E.

Descend,

10.50 Hollow draws W. Ascend and enter timber.

On W. side of ridge. Descend,

25.00 Hollow draws SW. Ascend.

40.00 Set temp. 1/4 sec. cor.

48.00 Enter plateau. Leave timber.

Leave plateau. Enter brush and scattering timber.

71.50 Hollow draws S. 60° W. Ascend

80.10 Intersect N. boundary of Township, 1 1/2 chs. W. of cor. to secs. 5 & 6 from which corner I run —

S. 0° 05' West on a true line between secs. 5 & 6.

40.10 Set a gray sandstone, 16 x 11

Subdivisions T. 28. S. R. 24. E.

chs. & 7 in. in mound of stones & marked 1/4 on West side for 1/4 sec. cor. from which:—

A pinion pine, 8" dia. bs S. 23½° E. 14 lks.
" " " 12" " " N. 47½° W. 43 "

80.10 The cor. to secs. 5. 6. 7 & 8.

Land rolling.

Soil, med. rate and rocky in places.

Timber — cedar, pine & pinion pine on 37.50 chs. Heavy undergrowth and scattering timber on the remainder.

November 27th. 1880.

BOOK-A-

BOOK-A-173 457

Salt Lake Meridian

General Description.

The land surveyed in this Township is situated on the foot hills of the Sierra La Sal. The Southern tier of sections is excellent farming land and partly cultivated.

The irrigation power might be greatly increased by utilizing the numerous springs in the mountains. The remainder is covered by a

dense growth of timber very luxuriant from the moist condition of the soil.

The country rock is gray sandstone, a very old formation. I found no trace of minerals. In the mountains several mines have been opened which contain a high percentage of copper and which are supposed to be rich in gold and silver

Ernst Buettner
U. S. Deputy Surveyor

BOOK-A-173 461

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5 *18* 81.

The foregoing field notes of the survey of the Subdivision lines of fractional T. 28 S. R. 24 E.,

Township No 28 S. *Range No* 24 E.

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Buettner

Under his *contract No* 96.

of the 28th *day of* July *18*80,

in the month of November *18*80,

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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BOOK-A-173

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Filed 187 .

Examined by

Compared by Boutelle & R. Gorlinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

East, West, South & Resurvey North Boundaries

of Township No. 29 S. , Range No. 25 E.

of the Salt Lake Meridian in Utah Territory.

BY

Ernst Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96.

dated July 28th 1880

Survey commenced Nov. 9th. 1880.

Survey completed Nov. 11th. 1880

Transcripts made

April 27th 81. " FB.

464

BOOK

Resum

chs.

BOOK-A-173 465

Resurvey N. boundary T. 29 S. R. 25 E.

Chs. Survey commenced Nov. 9th. 1880.

Stake an observation of Polaris and adjust my solar compass to the Meridian thus obtained.

I begin at the cor. to Tps. 28 & 29 S. Rs. 25 & 26 E, established by F. Dickert, U.S. Dep. Surveyor in 1878, which I find to be a gray sandstone, 26 x 22 x 3 in. in large mound of rocks, marked 6 notches on N. S. E. & W edges; from which:—

A cedar, 8" dia. bs N. 41½° W. 6 lks. dist.
" pine, 10" " S. 22° W. 24 " "
" cedar, 18" " S. 63¾° E. 17 " "
" pine, 14" " N. 75¾° E. 50 " "
All marked with Tp. R. S. & B. T. I run —

Resurvey N. Boundary T. 2

Chs.		Chs.
	West on resurvey line along N. boundary Sec. 1	
	Var. 15° 10' E.	
	Ascend in timber	
11.00	Top of ridge bs. NE & SW.	
	Descend.	
40.00	Find old corner, a gray sandstone, 21 X 16 x 5 in. in mound of stones, marked 1/4 on N. side from which:—	X
	a cedar, 16" dia. bs. E. 15 lks. dist	
	" " 22" " " W. 6 " "	
	Both marked "1/4 S. B. T."	40.00
44.00	Gulch, drains N. Center heavy undergrowth. Ascend gradually on N. side of ridge.	
80.00	Find old corner, a gray sandstone, 28 X 18 X 9 in. in mound of rocks, pits obliterated, which I renew; marked 1 notch on	62.00
		80.00

BOOK-A-173

T. 29 S. R. 25 E. S. L. M.

ch. E. 4.5 on W. edges for cor. to secs. 1.2.35 & 36.

Land, mountainous

Soil, 1st & 2nd. rate.

Timber, pine, cedar & pinion pine, with heavy undergrowth on last 36 chs.

West on resurvey line along N. boundary Sec. 2.

Var. 15°10' E.

Ascend gradually.

40.00 Find old corner, a gray sandstone, 18×12×4 in. in mound of rocks, marked 1/4 on W. side. from which:—

A cedar, 22" dia. bs. N.52°W. 50 lks.

" " 12" " " S.45°W. 25 "

62.00 Gulch drains N.10°E.

80.00 Find old corner, a gray sandstone,

chs.		chs.
	18 x 16 x 5 in. in mound of rocks, pits nearly obliterated, which I renew; marked 2 notches on E & 4 on W. edges: from which:—	
	A pine, 20" dia. bs. N. 17° E. 45 lks.	80.00
	" " 18" " " S. 110 " .	
	Land rolling.	
	Soil, 1st & 2nd. rate.	
	Timber — yellow pine and some cedar, with undergrowth on 80 chs.	
	West on resurvey line along N. boundary Sec. 3 Va. 15° 10' E.	
11.00	Gulch drains N. 10° E.	
	Ascend gradually.	
40.00	Find old corner, a gray sandstone, 18 x 12 x 6 in. in mound of rocks; renew pits; marked 3/4 on N. side.	18.00
	from which:—	

BOOK-A-173 469

T. 29 S. R. 25 E. S. L. M.

cs. A pine, 24" dia. bs. S. 31° W. 100 lks.
" " " " " N. 88° W. 150 ".
Bob marked "1/4 S. B. T."

80.00 Find old corner, a gray sandstone, 20 x 12 x 6 in. in mound of rocks, recent pits; marked 3 notches on E & Wedges. from which: —
A pine, 16" dia. bs. S. 46° E. 40 lks.
" " 36" " " N. 5° W. 15 ".
" " 20" " " S. 60° W. 125 ".
Land rolling
Soil bad. rate.
Timber, pine & some quaking asp along line.

West on resurvey line on N. boundary Sec. 4.
Var. 15° 10' E.
Ascend.
18.00 Top of ridge bs. N. 65° W. and S. 65° E. Descend.

BOOK-

Resurvey N. Boundary

T. 2

chs.		chs
40.00	Find old corner, a gray sand-stone, 22×16×8 in. in mound of rocks, marked 1/4 on N. side,	15.00
	from which:—	19.50
	A pine, 30" dia. bs. N 40 lks.	23.00
70.00	Gulch drains S. 10° E.	31.00
75.00	Enter plateau.	38.00
80.00	Find old corner, a gray sand-stone, 22×18×6 in. in mound of rocks; renew pits; marked 4 notches on E & 2 on W. edges,	40.00
	from which:—	45.00
	A pine, 12" dia. bs. S. 4½° E. 35 lks.	52.00
	" " 24" " " N. 86½° W. 80 "	58.00
	" cedar, 12" " " S. 50° E. 12 "	72.00
	Land rolling	80.00
	Soil, 1st & 2nd rates.	
	Timber, pine & some cedars with undergrowth along line	

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T. 29 S. R. 25 E. S.L.M.

chs.	West on resurvey line along N. boundary Sec 5. Var. 15° 10' E
15.00	Leave plateau. Descend.
19.50	Gulch drains S. Ascend.
23.00	Top.
31.00	Descend.
38.00	Gulch drains S. Ascend.
40.00	Find old cor, a gray sandstone, 18 X 12 X 9 in. in mound of rocks, marked 14 on N. side; from which: A pine, 24" dia. bs. W. 10 lks.
45.00	ridge bs. SW. Descend.
52.00	Gulch drains SW. Ascend.
58.00	Enter plateau.
72.00	Leave " . Descend.
80.00	Find old cor, a gray sandstone, 22 X 12 X 6 in. in mound of rocks, remove pits; marked 5 notches on E. & 1 on W. edges, from which: —

Resurvey N. Boundary

Chs.		Chs.
	Pine, 24" dia. bs. N. 45° W. 60 lks.	
	" 16" " " W. 50 "	64.50
	marked as per instructions.	72.00
	Land, mountainous	79.00
	Soil, 3rd. rate, rocky.	80.00
	Timber, yellow pine & some cedar along line. —	
	West on resurvey line along N. boundary Sec. 6. Var. 15° 10' E.	
1.00	Gulch draws S. Ascend.	
8.00	Enter plateau.	
20.00	Leave " . Descend.	
25.00	Gulch draws S. Ascend.	
40.00	Find old cor. a gray sandstone 19 x 8 x 6 in. in mound of rocks, marked 1/4 on N. side.	
	No trees at land.	
44.00	Top of ridge bears S. Descend	

BOOK-A-173

473

T. 29 S. R. 25 E. S. L. M.

Chs.	
64.50	Gulch drains S. Ascend.
72.00	Top of ridge bears S. Descend.
79.00	Gulch drains S.
80.00	Find old cor, a gray sandstone, 26×16×6 in. in large mound of rocks; renew pits; marked 6 notches on N. S. E & W edges for cor. to Tps. 28 & 29 S. Rs. 24 & 25 E. from which: —

A pine, 12" dia. bs. N. 56° W. 30 lks.
" " 12" " " S. 14° E. 28 "
" " 15" " " N. 37° E. 12 "
" " 10 " " S. 12° W. 60 "

All marked T. R. B.T.

Land mountainous

Soil 3rd. rate, rocky.

Timber — yellow pine & cedar & juniper pine along line

Nov. 9th. 1880.

474

BOOK

E. boun

chs.

11.50

17.24

18.50

30.00

40.00

45.00

80.00

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E. boundary T. 29 S. R. 25 E. S.L.M.

chs. Nov. 10th. 1885.

From cor. to Tps. 28 & 29 S.
Rs. 25 & 26 E. I run —
South on true line
on E. boundary Sec. 1
Var. 15° 10' E.
Descend.
11.50 Gulch drains NE.
Enter heavy undergrowth. Ascend
17.24 sandstone ledge, 10 ft. high,
bears NW & SE.
18.50 Enter plateau.
30.00 Leave timber & brush.
40.00 Set red sandstone, 14 x 12 x 3
in, with reg. mound of earth
& pits, 9 in. deep, marked 1/4 on
W. side for 1/4 sec. cor.
45.00 Enter timber. Descend gradually.
50.00 Set red sandstone, 24 x 14 x 3 in.
18 in. deep, with reg. mound of

E. boundary T. 29 S. R. 25 E.

chs.		chs.
	earth & pits, marked 1 notch on N & 5 on S. edges for cor. to secs. 1 & 6, from which	63.00
	A cedar, 24" dia. bs. S. 66° W. 15 lks.	77.50
	" " 10" " " S. 64° E. 23 "	80.00
	" " 12" " " N. 43° E. 9 "	
	Land, 1st. 18.50 chs. broken, rocky mountains. Rest, slightly rolling. Soil 1st rate.	
	Timber, pine, pinion pine, & cedar on 65 chs.	
	South on true line on E. boundary Sec. 12. Var. 15° 10' E	
3.00	Gulch drains S.W. Ascend gradually	
18.00	Leave timber	
40.00	Set red sandstone, 24 x 12 x 3 in. 18 in. deep, with reg mound of earth & pits, marked 1/4 on W.	10.00
		37.50

E.

chs.

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Salt Lake Meridian

chs.	side for 1/4 sec. cor.
63.00	Descend: Enter heavy oakbrush
	& timber.
77.50	Gulch drains SW.
80.00	Set red sandstone, 20 x 20 x 8 in.
	with reg. mound of earth & pebs,
	2½ in. deep, marked 2 notches
	on N & 4 on S edges for cor. to
	sec. 7, 12, 13 & 18. from which:—
	A pine, 12" dia. bs. S. 80° E. 15 lks.
	" " 15" " " N. 64° W. 30 " .
	Land rolling.
	Soil hard, rate:
	Timber, pine & cedar on 35 chs.
	✓
	South on true line
	on E. boundary Sec. 13. Var. 15° 10' E.
	Ascend.
10.00	Enter plateau.
37.50	Leave " and timber,

BOOK

E. boundary T. 29 S. R. 25 E.

chs.		chs.
	Enter heavy brush.	
40.00	Set red sandstone, 16×12×3 in. 10 in. clip, with reg. mound of earth & pits, marked 1/4 on W. sec. for 1/4 sec. cor.	12.00
53.00	Gulch drains SW. Ascend.	28.00
79.00	Enter timber plateau.	
80.00	Set red sandstone, 20×15×3 in. 15 in. clip, with mound of stone, marked 3 notches on N & Sedge; for cor. to secs. 13. 18. 19 & 24. from which:—	46.00
		53.00
	A pine, 15" dia. bs. N. 52½° E. 64 lk.	
	" " 14" " " S. 26° W. 98 "	
	" cedar, 16" " " N. 44° W. 26 "	80.00
	" " 20" " " S. 67° E. 35 "	
	Land, mountainous	
	Soil bad, rate, rocky in place	
	Timber, pine & cedar on 38.50 ch.	

25 E

Salt Lake Meridian

	chs.	
		South on true line
12 x 3 in		on E. boundary Sec. 24.
d of		Var. 15°10' E.
		Ascend gradually.
W. sed	12.00	Top bs. NE & SW. Descend gradually.
ed.	28.00	Descend. Leave timber. Enter heavy brush.
15 x 3 in	40.00	Set red sandstone, 14 x 12 x 8 in.
of Earth		9 in. deep, in mound of Earth + 1.5
Sedges		marked 1/4 on W. side for 1/4
24.		sec. cor.
	53.00	Gulch drains SW. Spring
E. 64 lk		10 chs. below in gulch.
98 "		Ascend. Enter cedars
26 "	80.00	Set red sandstone, 18 x 16 x 8 in.
35 "		12 in. deep, in mound of rocks,
		marked 4 notches on N & 2 on
place		S. edges for cor. to secs. 19. 24. 25 & 30
8.50 ch		from which:—
		A cedar, 18" dia. bs. N. 79° W. 42 lks.

BOOK

E. boundary T. 29. S. R. 25. E.

chs. A cedar, 16" dia. bs. S. 15° E. 20 lks. chs.
~~marked "¼ S. B. T."~~

Land, mountainous.

Soil bud rate, rocky in place

Timber, pine & cedar on 55 chs.

South outline line
on E. boundary Sec. 25
Var. 15° 10' E.

Ascend.

7.00 Enter plateau.

40.00 Set red sandstone, 20" x 15" x 8";
pits impracticable, in mound 8.00
of rocks, marked ¼ on W. side 9.50
for ¼ sec. cor., from which:— 20.00
A pine, 18" dia. bs. S. 82° W. 48 lks. 36.00
" cedar, 12" " " S. 56° E. 35 "

80.00 Set red sandstone, 22" x 18" x 8"; 40.00
in mound of rocks, marked
5 notches on N & top S. edges

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Salt Lake Meridian

chs. for cor. to secs. 25.30.31 & 36.
from which:—
Spine, 15" dia. bs. N. 51½° W. 78 lks.
" " 16" " " N. 14¼° E. 86 "
" cedar, 14" " " S. 66½° E. 31 "
" " 12" " " S. 86° W. 44 "
Land, rolling plateau.
Soil 1st & 2nd rates
Timber pine & cedar on 80 chs.

S. on true line
along E. boundary Sec. 36
Var. 15°10' E.
8.00 Descend sandstone bluff.
9.50 Descend gradually.
20.00 " Leave plateau & timber
36.00 Gulch drains SW. Ascend in heavy brush.
40.00 Set red sandstone, 24×16××8 in. 18 in. dup
in mound of rocks, marked
¼ on W. side for ¼ sec. cor.

482

E. boundary T. 29 S. R. 25 E. S. L. M.

chs.	
45.00	Enter plateau & timber
57.00	Leave " " "
71.00	" timber
75.50	Gulch draws S.W. Ascend in brush
80.00	Set red sandstone, 22"×18"×8", in large mound of rocks, marked 6 notches on N. S. E & Wedges for Tp. cor. to Tps. 29 & 30 S. Rs. 25 & 26 E.
	Land, heavy rolling.
	Soil 2nd & 3rd rates.
	Timber pine & cedar on 46 chs.
	Heavy brush on 13.50 chs.

November 10th 1880.

BOOK

W. to

chs.	
8.00	
32.75	
40.00	
42.00	

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W. boundary T. 29. S. R. 25. E. S. L. M.

chs.	Nov. 11th. 1880
	I take an observation of Polaris and adjust my solar compass to the meridian thus obtained
	From cor. to Tps. 28 & 29 S. Rs. 24 & 25 E. I run — South on true line on W. boundary Sec. 6.
	Var. 15°10' E.
	Descend in heavy timber
8.00	Enter Wash drains S W
32.75	Leave " " "
40.00	Set gray sandstone, 16×14×4 in. in mound of rocks, marked 1/4 on W. side for 1/4 sec cor. from which:—
	A pinion pine 16" dia. bs. N. 21° E. 15 lks.
	" " " 14" " " S. 43° W. 45 "
42.00	Ascend.

W. boundary T. 29. S. R. 25 E.

chs.		chs.
43.50	Top of knoll.	
44.25	Descend.	
48.50	Wash drains SW.	8.30
56.00	Ascend.	22.00
67.50	Top of ridge bears SE & NW. Descend.	22.25
80.00	At foot.	40.00
	Set gray sandstone, 16×13×4 in. in mound of rocks, marked 1 notch on N & 5 on S edges, for cor. to secs. 1. 6. 7 & 12, from which: —	48.00
	A pinion pine, 11" dia. bs S. 43° W. 9 lks.	
	" cedar, 14" " " S. 81¾° E. 23 "	80.00
	" pinion pine, 8" " " N. 15° E. 23 "	
	" cedar 15" " " N. 60½° W. 32 "	
	Land, mountainous	
	Soil 1st & 2nd rate.	
	Timber, pinion pine, cedar & some pine on 80.00 chs.	

Salt Lake Meridian

chs.	South on true line on W. boundary Sec. 7 Var. 15° 10' E.
8.30	Wash drains S.W.
22.00	Top of knoll
22.25	pine, 14" dia
40.00	Set gray sandstone, 15X13X4 in. 10 in. dep, marked 1/4 on W. side, for 1/4 sec. cor. from which A pinion pine, 8" dia. bs N.44½° W. 12 lks. " cedar, 20" " " S.11¼° W. 86 "
48.00	Scare timber. Enter valley. Descend gradually.
80.00	Set sandstone, 24X12X8 in. 18 in. dep, with big mound of earth & pits, marked 2 notches on N & 4 on S. edges, for cor. to secs. 7, 12, 13 & 18.

Sand, rolling on 48 chs.
Soil bnd. rate.

BOOK

W. boundary T. 29 S. R. 25 E.

chs	Rest, level valley.	chs.
	Soil, 1st. rate.	
	Timber - pinion pine & cedar out 48 chs.	5.00
		11.50
	South on true line	31.20
	on W. boundary Sec. 18.	40.00
	Var. 15° 10' E.	
40.00	Set gray sandstone, 12 x 12 x 3 in.	
	16 in deep, with reg. mound of	63.50
	earth & pits, marked 1/4 on	80.00
	W. side for 1/4 sec. cor.	
80.00	Set red sandstone 16 x 6 x 3 in.	
	with reg. mound of earth & pits, 10 in.	
	deep, marked 3 notches on	
	N & S edges, for cor. to secs.	
	13. 18. 19 & 24.	
	Sand, level valley	
	Soil 1st rate	
	No Timber	

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Salt Lake Meridian

25. E	chs.	South on true line
		on W. boundary Sec. 19 Var. 15°10' E
48 chs.	5.00	sandstone ledge br. NW+SE.
	11.50	Wash drains SE
	31.20	" " E, heads 8 chs. W.
E.	40.00	set gray sandstone, 20×18×3 in, 15 in.
		deep, with reg. mound & pits, marked
×3 in.		1/4 on W. side for 1/4 sec. cor.
d of	63.50	Wash drains NE.
on	80.00	Set gray sandstone, 22×20×3 in.
		16 in. deep, with reg. mound & pits,
3 in.		marked 4 notches on N & 2 on S.
in.		edges for cor. to secs. 19, 24, 25 & 30.
one		Land nearly level
s.		Soil lt. rate.
		No timber.
		✓
		South on true line
		on W. boundary Sec. 30.
		Var. 15°10' E.

W. boundary T. 29. S. R. 25. E.

BOOK

chs		chs.
16.50	Enter timber. Ascend.	
38.50	Top of low cedar ridge chs. E & W. Descend	
40.00	Set gray sandstone 16 x 15 x 9 in. 10 in. deep, marked 1/4 on W. side for 1/4 sec. cor. from which:—	
	A cedar, 8" dia. bs. N. 50° W. 37 lks.	28.00
	" " 8" " " N. 82° E. 57 "	31.50
	marked "1/4 S. B. T."	40.00
	Indications of coal.	
43.00	Wash drains E. Leave timber.	
57.50	" " NE. Enter " Ascend.	
71.00	Leave timber, enter bench.	
80.00	Set red sandstone, 26 x 12 x 5 in. 19 in. deep, with reg. mound of earth + pits, marked 5 notches on N & 1 on S. edges, for cor. to secs. 25. 30. 31 & 36.	41.75
		49.00
		64.00
		80.00
	Land, rolling.	

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Salt Lake Meridian

	chs.	
		Soil 1st. rate.
		Timber — cedar & pinion pine on
E & W.		37.00 chs. —
		South on true line
3 in.		on W. boundary Sec. 31.
side		Var. 15°10' E.
—		
ks.	28.00	Enter timber.
"	31.50	Wash drains NE.
	40.00	Set gray sandstone, 16×10×3 in.
		10 in. deep, marked 1/4 on W.
		side, for 1/4 sec. cor. from which: —
r.		A pinion pine, 14" dia. bs. S. 10 3/4° E. 35 lks.
Ascend.		" " " 15" " " N. 42 1/2° W. 37 " .
in.	41.75	Gulch drains N 60° E.
d of	49.00	Ascend.
hes	64.00	Enter plateau.
4 secs.	80.00	Set gray sandstone, 20×10×8 in.
		in mound of rocks, and earth,
		15 in. deep, marked 6 notches

W. boundary T. 29. S. R. 25. E. S. L. M.

chs. on N. S. E & W. edges. for cor. to T. ps. 29 & 30 S. Rs. 24 & 25 E. from which:—

a cedar 10" dia. bs. N. 58° 30 W. 29 lks.
" " 22" " " S. 22½° E. 45 " .
" " 24" " " S. 50° W. 52 " .
" pine 8" " " N. 64° E. 26 " .

Land rolling.

Soil 1st & 2nd rate.

Timber — cedar and pine on last 52 chs. —

Nov. 11th. 1880.

BOOK

S.

chs. N

5.50

S. boundary T. 29. S. R. 25. E.

ch. Note From the corner to Tps. 29 & 30 S. Rs. 25 & ~~26~~ 24 E. I run East on a random line — between said Tps, setting temporary 1/2 mile & mile corners; and at 5 miles, 79 chains and 80 lks. I intersect the East boundary of the Tp. 48 links S. of the corner to Tps. 29 & 30 S. Rs. ~~24~~ 26 & 25 E..

The true course will therefore be S. 89° 57' W. and each corner falling 20 lks. West.

From the established cor. to Tps. 29 & 30 S. Rs. 25 & 26 E I run —

S. 89° 57' W. on true line S. boundary Sec. 36.

Var. 15° 10' E.

5.50 Mark drains S.W. Ascend on S. end of ridge in brush.

S. boundary T. 29 S. R. 25 E.

chs.		chs.
20.00	Descend.	
30.00	At foot, enter bottom & heavy greasewood	
36.00	Wash drains S W.	
40.00	Set limestone, 12 x 10 x 8 in. 8 in. deep, with reg. mound of earth & pits, marked 1/4 on N. sides for 1/4 sec. cor.	
51.00	Broad wash drains South & S E.	
55.00	Leave bottom, ascend, enter timber.	
66.00	Enter bench.	7.00
80.00	Set gray sandstone, 14 x 10 x 8 in, 8 in. deep, with reg. mound & pits, marked 1/4 notes on E. & S on W. edges for cor. to secs. 1, 2, 35 & 36, from which:—	19.50 26.00 40.00
	A cedar, 12" dia. bs. S. 27 1/2° E. 65 lks.	
	" " 16" " S. 33° W. 50 "	
	" Ponderosa pine, 11" " N. 58 3/4° W. 48 "	63.00

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chs.	~~Marked "T. R. S. B. T."~~
	Sand rolling
	Soil 1st. & 2nd rate.
	rocky in places.
	Timber – cedars & pinion pine on last 25 chs. Heavy brush on 49.50 chs. —
	S. 89°57' W. on true line along S. boundary Sec. 35. Var. 15°10' E.
7.00	Descend.
19.50	Gulch drains N.E. Ascend.
26.00	Enter plateau.
40.00	Set gray sandstone, 16×12×8 in. 10 in. deep, marked 1/4 on N. side for 1/4 sec. cor. from which:—
	A pine 16" dia. bs. S. 87° W. 14 lks.
	" " 12" " " N. 13° E. 52 "
63.00	Descend

B001

S. boundary T. 29. S. R. 25 E.

chs		chs
71.00	Gulch drains N E. Ascend.	40.00
80.00	Set gray sandstone, 14×12×8 in. 9 in. deep, marked 2 notches on E. & 4 on W. edges for cor. to secs: 2. 3. 34 & 35. from which:—	
	A cedar, 15" dia. bs. N. 41° E. 18 lks.	41.00
	" " 18" " " S. 32° E. 40 "	48.00
	" pinion pine, 12" " " S. 51° W. 74 "	80.00
	" " " 10" " " N. 78° W. 94 "	
	Sand rolling	
	Soil 1st & 2nd. rates, rocky along gulches.—	
	Timber — cedar & pinion pine on 80 chs.	
	S. 89° 57' W. on true line — on S. boundary Sec: 34.	
	Var: 15° 10' E	
33.00	Descend.	

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Salt Lake Meridian

chs

40.00 Set gray sandstone, 16×10×8 in, 10 in. dep, in mound of rocks, marked 1/4 on N. side, for 1/4 sec. cor. from which:—

A cedar, 20" dia. bs. S. 87° E. 55 lks.

41.00 Gulch drains NE. Ascend.

48.00 Enter plateau.

80.00 Set gray sandstone, 20×12×10 in. in mound of rocks, 15 in. dep, marked 3 notches on E & W. edges for cor. to secs. 3. 4. 33 & 34 on W. edge of plateau, from which:—

A cedar, 22" dia. bs. S. 28½° E. 57 lks.

" " 18" " " N. 61° E. 34 " "

pinion pine 12" " " N. 70° W. 85 " "

Land, rolling.

Soil 2nd rate, rocky in places; Timber cedar and pinon 80 chs.

S. boundary T. 29 S. R. 25 E.

chs.	S. 89°57' W. on true line on S. boundary Sec. 33. Var. 15°10' E. Descend.
8.00	Wash drains NE. Ascend.
17.00	Enter plateau. Leave timber.
40.00	Set gray sandstone, 15×10×6 in. 10 in. deep, in mound of rocks, marked 14 on N. side for 14 sec. cor.
42.00	Descend.
51.00	Wash drains NE. Ascend. Enter timber.
58.00	Enter plateau.
80.00	Set sandstone, 24×12×10 in. in mound of rocks, 18 in. deep, marked 4 notches on E & 2 on N. edges for cor. to secs. 4. 5. 32 & 33, from which:— A cedar, 24 in. dia. bs. N. 20° E. 14 lks. " " 15 " " S. 3°30' W. 30 " " " 16 " " S. 9°30' E. 46 " Land, rolling.

BOOK

chs.

6.50

14.00

40.00

50.00

66.00

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chs.	
	Soil lt. rate.
	rocky in places. —
	Timber — cedar & pinion
	pine on 48 chs.
	S. 89° 57' W. on true line —
	on S. boundary Sec. 32.
	Descend. — Var. 15° 10' E.
6.50	Wash drains N.E. Ascend
14.00	Entr plateau.
40.00	Cor. E. side of wash drains N.E.
	Set gray sandstone, 16 × 9 × 7 in.
	10 in. deep, with rg. mound
	of earth & pits, marked 1/4 on
	N. side for 1/4 sec. cor.
	from which: —
	Aspen, 18" dia. bs. N. 21° E. 25 lks
	Ascend.
50.00	Entr plateau.
66.00	Leave " Descend

S. boundary T. 29 S. R. 25 E.

chs.	
75.00	Wash drains NE. Ascend.
8.00	Set gray sandstone, 20 x 12 x 8 in, 15 in. deep, with reg. mound of earth & pits, marked 5 notches on E. And 1 on W. edges for Cor. to sect. 5. 6. 31 & 32.

from which:—

Cedar, 14" dia. bs. N. 51° W. 48 lks.
" " 16" " " S. 53° W. 36 "
Pinion pine 10" " " N. 21° E. 15 "
" " 9" " " S. 67° E. 27 "

~~All marked "T. R. S. B. T."~~

Land, rolling
Soil 1st rate.
rocky in places.
Timber — cedar, pine & some pinion pine on 50 chs.

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Salt Lake Meridian

chs. S. 89° 57' W. on true line—
on S. boundary Sec. 31.
Var. 15° 10' E.

Ascend.

10.00 Top of low ridge bears N.E.
Descend.

22.00 Wash drains N.E. Ascend.

35.00 Top of low ridge bears N.E.
Descend.

40.00 Set gray sandstone, 15 x 10 x 4 in.
10 in. deep, marked 1/4 on N.
side for 1/4 sec. cor; from
which—
A cedar 18" dia. bs. N. 82° E. 33 lks.
pinion pine, 12" " " S. 63° W. 28 " "
Both marked "1/4 S. B. T."

48.00 Wash drains N.E. Ascend.

65.00 Enter plateau.

80.00 the cor. to Tps. 29 & 30 S.
Rs. 24 & 25 E, previously

500

S. boundary T. 29. S. R. 25. E of

established by me.

Land, low rolling.

Soil, mostly 1st. rate.

Timber — pinion pine &

cedar on 80 chs. —

November 12th. 1880.

Ernst Buettner

U. S. Dep. Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th. 1881

The foregoing field notes of the survey of the East, West, South, & running North boundaries of

Township No 29 S. *Range No* 25 E

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Buettner

Under his *contract No* 96

of the 28th *day of* July 1880,

in the month of November 1880,

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: 1881

Filed 187 .

Examined by

Compared by G. Schutte and Will Gorlinski

Lists made

FIELD NOTES

OF

THE SURVEY OF THE

Subdivisions, Lines

of Township No. 29 South, Range No. 25 East

of the Salt Lake Meridian in Utah Territory.

BY

Ernst Buettner

U. S. DEPUTY SURVEYOR,

Under his Contract No. 96,

dated July 28th 1880.

Survey commenced November 12th 1880.

Survey completed November 20th 1880.

4.

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Township 29 S. **R.** 25 East

	472		471		469		468		467		466
483	6	583	5	563	4	548	3	534	2	519	1	475
	582		581		561		547		533		518
485	7	579	8	560	9	546	10	531	11	517	12	476
	578		577		558		544		530		516
486	18	575	17	557	16	543	15	529	14	514	13	477
	574		573		556		542		527		512
487	19	571	20	555	21	540	22	526	23	511	24	479
	570		569		554		539		525		509
487	30	567	29	552	28	538	27	523	26	508	25	480
	566		565		551		537		522		507
489	31	564	32	549	33	535	34	521	35	505	36	481
	499		497		496		494		493		491

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Subdivisions T. 29. S. R. 25. E. S.L.M.

Chains - Survey commenced Nov 12th 1880.

I take an observation on Polaris, and adjust my instrument to the meridian thus obtained -

From the established corner set by me, to Secs 35 and 36, on the south boundary of the Township, I run

North bet secs. 35 and 36,

Var 15° 10' E,

5.00 Descend

15.00 Enter bottom, & leave timber, enter greasewood & sage brush.

19.20 Wash drains S. E.

28.00 Leave bottom, and brush, ascend gradually & enter scattering timber -

40.00 Set sandstone 16 x 14 x 8 in, 11 in deep, with reg. mound of

506

Subdivisions T. 29. S.

Chains	
	earth and pits, marked 1/4 on west side, for 1/4 sec cor from which:—
	A cedar 16 in diam, bears N. 43° E, 108 links, marked 1/4 S. B.T. — Descend gradual
52.00	Enter wash.
57.00	Leave " heads N. 15° E; enter timber, and ascend.
80.00.	Set grays and stone 18 × 12 × 10 in 12 in deep, marked 1 notch on S. and E. edges, with reg. mound of earth and pits, for cor to secs 25, 26, 35 and 36. from which:—
	A Cedar 12 in dia, bears N. 62½° W. 52 lin
	" " 15 " " " N. 64° E. 39 "
	" Pine 10 " " " S. 72½° W. 56 "
	Land rolling. Soil 1st and 2d rate. Timber, cedar and pine

BOOK-A-173

T. 25, E. S. L. M.

Chains.

on 38 chains. Scattering timber on 29 chains.
Heavy brush on 13 chains.

East on a random line between Secs 25 and 36.
Var 15° 10' E.
Descend.
9.50 Wash drains S.W. Ascend.
22.00 Top of low ridge, head S.W. Descend.
35.00 Wash drains S.W. Ascend.
40.00 Set temp 1/4 Sec Cor.
60.00 Enter plateau.
80.00 Intersect East boundary, at the Cor to Secs 25 and 36; from which Corner
West on true line between Secs 25 and 36.

508

Subdivisions of T. 29. S. —

Chains —		Chains —
40.00	Set red sandstone 12 × 12 × 10 in 8 in deep, marked 1/4 on N. side, for 1/4 sec cor, from which: —	
	N pine, 10 in dia, bears N. 15° W. 26 links	49.00
	" " 8 " " " S. 3° E. 14 "	
	Rock marked 1/4 S. B. T.	60.75
80.00	The cor to sections 25, 26, 35 and 36. Land rolling - Soil 2nd rate. Timber, cedar and pine, on 80 chs —	80.00

North bet secs 25 and 26,
Var 15° 10' E

Ascend,

25.00 Top of low ridge, bears S. W.

Descend.

40.00 Set gray sandstone 16 × 10 × 9 in 11 in deep, marked 1/4 on W side, for 1/4 sec cor, from which: —

BOOK-A-173509

N. 25, E. S. L. M.

chains—

N. cedar 18 in dia, bears N. 7° E. 25 links.
" " 10 " " " S. 19° E. 30 "
Bolt trees marked 1/4 S. B. T.

49.00 Enter bottom & heavy brush — leave timber —

60.75 Wash drains S. W. ascend gradually.

80.00 Set gray sandstone 20 + 12 × 4 in, 15 in deep, marked 2 notches on S. and 1. on E. edges, with 4 g mound of earth and pits, for cor to secs 23, 24, 25 and 26.

Land 1st 49 chs, rolling. Soil 2d rate. Balance level, Soil 1st rate. Timber cedar and pine, on 49 chains. Heavy greasewood, Sage, & Oak brush, on balance.

East on random line, between Secs 24 and 25.

510

Subdivisions T. 29. S.

Chains	
	Var 15° 10' E.
3.00	Wash drains S.
7.00	Ascend, Enter timber.
12.00	Enter bench.
22.00	Leave " , descend -
28.00	Enter bottom, and brush, leave timber.
36.00	Wash drains S.W.
40.00	Set temp 1/4 Sec Cor, ascend, enter timber.
52.00	Top of low ridge, bears S.W - Descend.
64.00	Enter bottom & brush. Leave timber.
70.00	Wash drains S.W -
73.00	Ascend, enter timber.
79.92	Intersect east boundary of Tp. 7 links N. of cor to secs 24 and 25, from which, I runs - N. 89° 57' W. on true line between

BOOK-A-173

R. 25, E. S. L. M.

Chains.

Secs 24 and 25.

39.96 Set gray sandstone 12×10×8 in, 8 in deep, marked 1/4 on N. side, with reg mound of Earth, and pits, for 1/4 sec cor, from which;—

A pine 8 in dia, bears S. 21° W. 48 links. Marked 1/4 S. B. T.

79.92 The cor to secs 23, 24, 25 and 26,

Land rolling, pine 5th rate. Timber cedar and piñon pine on 51.92 Chs.

North between Secs 23 and 24, Var 15° 10' E,

In heavy brush

40.00 On W. side of wash drains S. W. Set gray sandstone 14×10×8 in,

572

Subdivisions T. 25. S.

Chains	
	10 in deep, marked 1/4 on W. side, with reg. mound of Earth and pits, for 1/4 sec cor.
	Ascend gradually.
62.00	Leave brush, enter scattering timber, on W. side of low ridge
80.00	Set gray sandstone 15×11×10 in. 10 in deep, marked 3 notches on S. & 1. on E. edges, with reg mound of Earth and pits, for cor to secs 13, 14, 23 and 24.
	Land sloping south, Soil 1st rate, Timber scattering on 18 chs - Brush on 1st 62.00 chains

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East on random line between Secs 13 & 24.

Var. 15° 10' E.

4.00	Leave bottom, ascend and enter

BOOK

R. 2

Chains	
	t
12.00	C
	&
17.00	
25.00	
28.00	
36.00	
40.00	
54.00	
59.00	
68.50	
70.00	
78.00	
79.88	
39.94	

BOOK-A-173

R. 25 E. S. L. M.

Chains	
	timber.
15.00	Top of low ridge, bears N.E. & S. Descend.
17.00	Leave timber, enter bottom.
25.00	Wash. S.W.
28.00	Ascend. Enter timber.
36.00	Enter plateau.
40.00	Set temp 1/4 Sec. cor.
54.00	Descend.
59.00	Leave timber. Enter bottom & brush.
68.50	Wash drains S.W.
70.00	Ascend.
78.00	Enter timber plateau.
79.88	Intersect east boundary of Tp. 9 links North, of the cor to secs 13 & 24, from which, I run, N. 89° 56' W. on true line, between Secs 13 & 24,
39.94	Set gray sandstone 16 x 14 x 10 in, 11 in deep, marked 1/4 on N. side

Subdivisions T. 29. S.

Chains -	
	for 1/4 sec cor, from which; —
	A pine, 9 in dia, bears S. 14 1/2° E. 23 links,
	" Cedar 18 " " " S. 78° W. 50 "
	Both trees marked 1/4 S. B. T.
79.88	The cor to secs 13, 14, 23 and 24.
	Land rolling, Soil 1st & 2d rate.
	Timber Piñon, Pine, & Cedar, on
	45.88 Chs. Heavy oak brush
	on 19 chs.
	North on a true line bet secs
	13 & 14.
	Var 15° 10' E.
	Enter heavy brush.
8.00	Enter wash, drains S. W.
12.00	Leave wash, heads N. E.
26.00	Leave brush, enter timber.
34.00	" timber, enter brush.
37.50	Wash drains S. W.

BOOK-A-173 575

R. 25. E. S. L. M.

Chains –

40.00 Set gray sandstone 13 × 10 × 9 in, 9 in deep, marked 1/4 on W. side, with reg. mound of earth & pits, for 1/4 Sec Cor.

60.00 Leave bottom, ascend gradually & enter timber.

80.00 Set gray sandstone, 20 × 12 × 8 in, 15 in deep, marked 4 notches on S. and 1. on E. edges, with reg. mound of earth and pits, for Cor, to secs 11, 12, 13 & 14, from which: –

A. P. Pine, 18 in dia, bears N. 83° E. 15 links,
" " " 8 " " " N. 81° W. 25 "
" Cedar 10 " " " S. 10° E. 40 "

Land rolling, soil mostly 1st rate, Timber piñon pine, and cedar, on 28 chs

Heavy brush on 1st. 34 chs

Subdivisions T. 29. S.

Chains	
	East on a random line bet secs 12 + 13 –
	Var 15° 10' E
	Ascend,
4.00	South point of plateau – Descend.
20.50	Gulch drains S.W. Ascend –
29.00	Top of ridge, drains N.E. + S.W. Descend –
40.00	Set temp 1/4 sec cor, Ascend.
59.00	Top of ridge, bears N.E. + S.W.
65.00	Descend –
76.00	Gulch drains S.W. Ascend –
79.84	Intersect east boundary of Tp. 14 links, N. of cor to secs 12 + 13, from which, I run; –
	N. 89° 54' W, on true line between Secs 12 + 13.
14.70	Pine 8 in dia,
26.50	" 30 " "
39.92	Marked stationery sandstone 10 x 6 x 2

BOOK-A-173 517

R. 25. E. S. L. M.

Chains

feet above ground, 1/4 on N. side, for 1/4 sec cor, from which:—

A pine 16 in dia, bears S. 71° W. 44 links,

" " 20 " " " N. 82° E. 46 "

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

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

Land mountainous. Soil 2d rate.

Timber Pine & Cedar, on 79.84 chs—

North on true line between secs 11 & 12.

Var 15° 10' E.

In timber with heavy undergrowth, & ascend gradually along W. side of ridge.

40.00 Set red sandstone 15 x 11 x 10 in, 10 in deep, marked 1/4 on W. side, for 1/4 sec cor, from which:—

A Cedar 16 in dia, bears N. 43° W. 26 links,

14. 578

Subdivisions of T. 29. S.

Chains		Chains
	A. Cedar 20 in dia, bears S. 5° W. 32 links	66.00
	Both trees marked 1/4 S. B. T.	79.80
68.00	Enter plateau. Leave undergrowth,	
80.00	Set gray sandstone 20 × 12 × 9 in, 15 in deep, marked 5 notches on S. and 1. on E. edges, with reg mound of earth and pits, for cor to secs 1, 2, 11 & 12, from which:—	39.90
	A Pine 20 in dia, bears S. 52½° E. 85 lks	
	" " 16 " " " N. 37° W. 92 "	
	" Cedar 15 " " " S. 61° E. 46 "	
	Land 1st 68 chs, mountainous.	
	Balance rolling. Soil 2d rate.	79.80
	Timber Pine & Cedar on 80 chains —	
	Indications of Iron, along line.	
	East on a random line between Secs 1 & 12,	
	Var 15° 10' E.	
40.00	Set temp 1/4 Sec Cor.	

BOOK-A-173 579

R. 25. E. S. L. M.

chains

66.00 Head of Gulch drains S.W.

79.80 Intersect E. boundary of Tp. 14 links N. of cor to secs 1 & 12, from which, I run: —

N. 89° 54' W. on true line bet secs 1 & 12.

39.90 Set gray sandstone 20 × 15 × 10 in, 15 in deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 sec cor, from which: —

A pine 15 in dia, bears N. 16½° W. 16 links. marked 1/4 S. B. T.

79.80 The cor to secs 1. 2. 11 & 12.

Land rolling — Soil 2d rate,

Timber pine & cedar on 79.80 chains.

North on random line between secs 1 & 2.

Var 15° 10' E.

Subdivisions T. 29. S.

Chains	
	Ascent gradually.
40,00	Top of ridge bears E & W. set temp 1/4 Sec Cor. Descent: either heavy undergrowth & scattering timber.
80,08	Intersect N. boundary of Tp. 14 links east of the cor to secs 1 & 2, from which;-
	S. 0° 6' E, on true line, between Secs 1 & 2,
40,08	Set gray sandstone 14 x 10 x 8 in, 10 in deep, marked 1/4 on W. side, with reg mound of earth and pits, for 1/4 sec cor.
80,08	The cor to secs 1, 2, 11 & 12.
	Land rolling. Soil 2d rate, Timber Pine & Cedar, on 1st 40 ch. Balance heavy undergrowth, & scattering timber.

Chains	
	C
	S.
27,00	
40,00	
	C
	S
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	A
	"
50,00	
60,00	
64,75.	
76,00	
80,00	

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R. 25. E. S. L. M.

Chains	
	North bet secs 34 & 35
	Var 15°10' E
	In timber; descend gradually —
27.00	Leave flat — Descend.
40.00	At foot. Descend gradually —
	Set gray sandstone 12×10×9 in,
	8 in deep, marked 1/4 on W. side
	for 1/4 sec cor. from which; —
	A Pine 10 in dia, bears S. 63° E, 46 links.
	" " 8 " " " N. 12° W. 22 "
50.00	Gulch drains N. E.
60.00	Leave timber, enter bottom & brush —
64.75.	Wash drains S. 65° E.
74.00	Leave bottom. Ascend. Enter timber.
80.00	Set gray sandstone 18×12×10 in;
	12 in deep, marked 1 notch on S.
	& 2, on East edges, with reg mound
	of earth and pits, for cor to secs,
	26, 27, 34 & 35, from which: —
	A Cedar 14 in dia, bears N. 25° E, 26 links.

Subdivisions T. 29 S.

Chains –		Chains –
	A. Cedar 15 in dia, bears N. 18½° W. 35 lks	
	" Pine 9 " " " S. 68° W. 70 "	79.90
	Land rolling. Soil 2d + 1st rate –	
	Timber cedar & pine, on 66 chs –	
	Greasewood & sage brush on 14 chs –	
		39.95
	Easton random line between secs 26 & 35.	
	Var 15° 10' E.	
	Ascend –	
6.00	Enter plateau,	79.90
16.00	Leave " , descend –	
25.00	Leave timber, enter bottom –	
29.00	Wash drains S.	
32.00	Enter beach and timber,	
40.00	Set temporary 1/4 sec cor –	
57.50	Wash drains South, Ascend –	
72.00	Top of low ridge. bears S. and	

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R. 25. E. S. L. M.

Chains.

N. 15° E. & Descend

79.90. Intersect N. & S. line, 9 links N. of cor to secs 25, 26, 35 & 36, from which:—

N. 89°56' W. on true line bet secs 26 & 35.

39.95. Set gray sandstone 15 × 10 × 7 in, 10 in deep, marked 1/4, on N. side, with reg. mound, of earth and pits for 1/4 sec cor. from which:—

A cedar 20 in dia, bears S. 15½° W. 58 links — marked 1/4 S. B. T.

79.90 The cor to secs 26, 27, 34 & 35.

Land rolling — Soil 2d rate —

Timber cedar and pine, on 79.90 chains —

North bet secs 26 & 27 —

Var 15° 10' E

524

Subdivisions T. 59, S.

Chains.		Chains
	Ascend –	
4,00	Enter plateau.	
40,00	Set gray sandstone 22 x 14 x 8 in	
	16 in deep, marked 1/4 on W. side,	10,00
	for 1/4 sec cor, from which: –	20,00
	A Cedar 10 in dia, bears N. 5° W. 16 links –	22,50
	" Pine 8 " " " S. 19° W. 28 "	25,50
	Both trees marked 1/4 S. B. T.	33,00
63,00	Ascend.	40,00
75,00	Enter upper plateau.	47,00
80,00	Set gray sandstone 30 x 15 x 8 in	52,00
	15 in deep, marked 2 notches on S.	59,75
	& E. edges, for cor to secs 22, 23, 26,	62,00
	& 27 – from which: –	70,00
	A Cedar 24 in dia, bears N. 59° W. 7 links	
	" " 14 " " " S. 16½° W. 24 "	78,00
	" Pine 8 " " " S. 64° E. 20 "	
	" " 12 " " " N. 55° E. 43 "	80,00
	Land rolling – sloping South –	
	Soil 2d rate. Timber cedar & pine	
	on 80 ch –	

BO
R.

BOOK-A-173 525

R. 25, E. S. L. M.

Chains

East on random line between Secs 23 & 26.

Var 15° 10' E.

10.00 Leave plateau - Descend -

20.00 Enter bottom - Leave timber -

22.50 Wash & rains S.

25.50 Leave bottom - ascend -

33.00 Enter rolling plateau - & timber,

40.00 Set temp 1/4 Sec Cor.

47.00 Descend -

52.00 Enter bottom, leave timber.

59.75 Wash & rains S.

62.00 Ascend - Enter timber -

70.00 Top of low ridge, leave N. & S.

Descend -

78.00 Enter bottom & brush; leave timber.

80.00 Intersect N & S. line, 11 links N. of Cor to secs 23, 24, 25, and 26 - from which, N. 89° 55' W - on true

526

Subdivisions T. 29. S.

chains.	
	line, between Secs 23 & 26,
40,00	Set gray sandstone 14×12×10 in,
	9 in deep, marked 1/4 on N. side, for
	1/4 Sec Cor – from which: –
	A Pine 8 in dia, bears N, 23° E, 9 links
	" " 6 " " " S. 2° E, 15 "
	Both trees marked 1/4 S. B. T.
80,00	The cor to secs 22, 23, 26 & 27 –
	Land rolling – Soil 2d rate,
	Timber pine and cedar on 55 chs
	Brush on 2 chains –
	North between secs 22 & 23 –
	Var 15° 10' E,
	Ascend gradually in timber, with
	some undergrowth –
40,00	Marked stationery standstone 4×2 1/2
	×2 feet above ground – 1/4 on W. side
	for 1/4 sec cor, from which: –

BOOK-A-173 527

R. 25, E. S. L. M.

Chains -

N. Cedar 8 in dia, bears S. 25° E, 8 links -

" " 10 " " " N. 54° W, 14 " -

80.00 Set gray sandstone 15 x 12 x 5 in, 10 in deep, marked 3 notches on S. & 2 on East edges, with neg. mounds of earth and pits, for cor to secs 14, 15, 22 & 23, from which :-

N Cedar 10 in dia, bears S. 21° E, 50 links -

" " 6 " " " N. 66½° W, 37 "

" " 16 " " " S. 15° W, 18 "

Land sloping south. Soil 2nd rate.

Timber, cedar and pine, on 80 chains -

East on a random line bet secs 14 and 23,

Var 15° 10' E

5.00. Descend -

13.50 Gulch drains S. E. Ascend.

20.00 On top.

29.00 Descend -

Subdivisions T. 59. S.

Chains -		Chains -
35.00	Leave timber, enter bottom -	
36.00	Wash drains S. E.; enter meadow,	
40.00	Set temp 1/4 sec cor -	
48.00	Ascend; enter timber.	
55.00	Enter pedlean.	
64.00	Descend.	
69.00	Leave timber, enter bottom.	
76.25	Wash drains S.	
80.10	Intersect N + S. line, 12 links	40.00
	N. of cor to secs, 13, 14, 23 and 24,	
	from which; Dum -	
	N. 89° 55' W. on true line	
	between secs 14 and 23 -	
40.05	Set red sandstone boulder 14 x	
	12 x 10 in, 9 in deep, marked	
	1/4 on N. side, with regulation	76.00
	mound of earth and pits, for	75.00
	1/4 sec cor.	80.00
80.10	The cor to secs, 13, 14, 23 and 24.	
	Land rolling - Soil 1st & 2d rate.	

BOOK-A-173 529

R. 25. E. S. L. M.

chains-

Timber, cedar and pine, on 56 chains
Nov 13th 1880.

Nov 15th 1880.
North between sections 14 and 15,
Var 15° 10' E,
Ascending gradually.

40.00 Set gray sandstone 16 × 14 × 8 in,
11 in deep, marked 1/4 on N.
side, for 1/4 sec cor, from which:-
A Pine 14 in dia, bears N. 54° W. 12 links.
" " 8 " " " S. 25° E. 10 "
Both trees marked 1/4 S. B. T. on
west side of plateau.

74.00 Descend.

75.00 Enter bottom.

80.00 Set gray sandstone 15 × 12 × 8 in,
18 in deep, marked 4 notches on
S, and 2, on E, edges, for cor to

Subdivisions T. 29 S.

Chains	
	secs 10, 11, 14 & 15. from which:—
	A Pine 12 in dia, bears N. 32° W, 35 links
	" Cedar 6 " " " N. 55° E, 22 "
	" " 12 " " " S. 1° E, 14 "
	" " 15 " " " S. 62° W, 25 "
	Land rolling plateau. Soil 5th rate.
	Timber, cedar and pine, on 80 chains —
	East on random line bet secs 11 & 14.
	Var 15° 10' E.
1.25	Gulch, bears S. E.
8.00	Enter plateau
25.00	Leave " - Descend
29.00	Enter valley, leave timber —
32.00	Wash drains South.
40.00	Set temp 1/4 Sec cor —
43.00	Descend, enter timber —
46.00	Enter plateau —
60.00	Descend —

Chains	
70.00	Le
72.40	W
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78.00	C
80.10	S
	N
	cor
	bet
40.05	9
	18
	m
	G
80.10.	
	—
3.50	

BOOK-A-173 531

R. 25, E. S. L. M.

Chains -

70.00 Leave timber, enter bottom -

72.40 Wash draws S. - Spring 17 chains above -

78.00 Ascend, enter timber -

80.10 Intersect N. & S. line, 14 links N. of cor to secs 11, 12, 13 & 14, from which N. 89° 54' W. on true line between secs 11 & 14 -

80.05 Set red sandstone 24 x 10 x 3 in, 18 in deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 sec cor -

80.10 The cor to secs 10. 11. 14 & 15.
Land rolling - Soil 2d & 1st rate -
Timber pine & cedar on 58.10 chains -

North between secs 10 & 11 -
Var 15° 10' E.

3.50 Gulch draws S. 10° E.

532

Subdivisions T. 29. S.

Chains		Chains
20.00	Enter wash, drains S.E.	
24.00	Leave " heads N.E.	
30.00	Ascend	
40.00	Set sandstone, 20×12×3 in, 15 in deep, marked 1/4 on N. side, with reg. mound of earth and pits, for 1/4 sec cor, from which:—	4.50
		7.00
		14.00
		19.00
	A cedar 20 in dia, bears N. 33° W. 14 links	29.50
	Descend—	32.00
74.00	Gulch drains S.E. Ascend—	40.00
80.00	Set sandstone 18×10×4 in, 24 in deep, marked 5 notches on S. and 2 on East edge, with reg mound of earth and pits, for cor to secs 2, 3, 10 & 11— from which:—	64.00
		67.00
		72.50
		74.00
		77.00
	A pine, 8 in dia, bears N. 22° W. 10 links—	80.12
	" Cedar 8 " " " S. 86° W. 24 "	
	" Pine 7 " " " S. 11° E. 11 "	
	Land rolling — Soil 2d rate. Timber, cedar and Pine, on 80 chains—	40.06

BOOK-A-173

N. 25, E. S. L. M.

Chains — East on random line between secs 2 & 11 —
Var 15° 10' E.
On top of low ridge, bears S. 10° E.
4.50 Descend —
7.00 Gulch, S. 15° E. Ascend —
14.00 Enter plateau.
19.00 Leave " . Descend —
29.50 Gulch drains S. Ascend —
32.00 Enter rolling plateau.
40.00 Set temp 1/4 sec cor —
64.00 Descend.
67.00 Enter bottom —
72.50 Wash drains S.
74.00 Ascend —
77.00 Enter plateau.
80.12 Intersect N. & S. line, 9 links N. of cor to secs 1, 2, 11 & 12, from which,
N. 89° 56' W. on true line, between secs 2 & 11.
40.06 Set sandstone 18 x 12 x 6 in, 12 in

Subdivisions T. 29. S.

Chains -

deep, marked 1/4 on N. side, for
1/4 sec cor, from which:-
A pine, 10 in dia, bears S. 12 1/2° W, 84 links
" " 15 " " " N. 46° E, 33 "
Both marked 1/4 S. B. T.

80.12 The cor to secs 2, 3, 10 & 11.
Land rolling. Soil 2d rate, Timber
pine & cedar on 80:12 chains.

North on random line between secs
2 & 3,
Var 15° 10' E,

21.00 Gulch drains. S. E. Ascend,
40.00 Set bearg 1/4 sec cor,
45.00 Top of ridge, bears E & W. Descend -
80.16 Intersect north boundary of Tp. 21. links
E, of the cor to secs 2 & 3, from which
I run,
S. 0° 9' E, on true line, between

Chains -

40.16

60.38.
80.16

9.50

26.00

38.00

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R. 25, E. S. L. M.

Chains.

Secs 2 & 3.

40.16 Set sandstone 14 x 14 x 5 in, 9 in deep, marked 1/4 on W. side, for 1/4 sec cor, from which:-

A Pine 12 in dia, bears N. 34° E. 41 links.

" " 30 " " " S. 48° E. 97 "

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

60.30. Pine 26 in dia.

80.16 The cor to secs 2, 3, 10 & 11.

Land rolling - Soil 2d rate.

Timber, pine, on 80.16 chains -

North between secs 33 & 34,

Var 15° 10' E.

Descend -

9.50 Gulch drains N. E. Ascend on E. side of ridge.

26.00 Descend -

35.00 Enter bench.

536

Subdivisions T. 29. S.

chains -		chains -
40.00	Set sandstone, 16×12×8 in, 11 in deep, marked 1/4 on W. side, for 1/4 Sec cor - from which: -	
	A Pine, 14 in dia, bears S. 69 1/2° W. 52 links	8.00
	" " 10 " " " S. 76° E. 46 "	16.00
	Both trees marked 1/4 S. B. T.	40.00
59.00	Descend copperstained limestone ledge.	49.25
		58.00
61.00	Enter bottom, & leave timber -	79.90
66.00	Wash drains N. E.	
76.00	Wash " N. E.	
80.00	Set sandstone boulder 14×12×8 in, 9 in deep, marked 1 notch on S. and 3 on East edges, with reg. mound of earth and pits, for cor to secs 27 - 28, 33 & 34.	39.95
	Land rolling - Soil 1st & 2d rate.	79.90
	Timber, cedar & pine on 61 chains	
	Brush in bottom -	

R. 25. E. S. L. M.

chains

East on a random line, between secs 27 & 34.

Var 15° 10' E.

8.00 Enter wash, drains west

16.00 Leave " " S. E.

40.00 Set temp, 1/4 sec cor.

49.25 Wash drains S.

58.00 Leave bottom, ascend & enter timber.

79.90 Intersect N. & S. line, at the cor to secs 26, 27, 34 & 35, from which,

West on true line, between secs 27 & 34,

39.95 Set sandstone, 20 × 14 × 8 in, 15 in deep, marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec cor.

79.90 The cor to secs 27, 28, 33 & 34,

Land 1st 58 chs, level bottom, Soil 1st rate, covered with sagebrush and greasewood - Balance rolling - Soil 2d rate, covered with cedar & pine.

538

Subdivisions T. 29. S.

chains		chains
	North between secs 27 & 28,	
	Var 15° 10' E,	
19,00	Wash drains S.W.	
27,00	Ascend E. side of ridge, and enter timber.	
40,00	Set sandstone 18×11×10 in, 12 in deep, marked 1/4 on W. side, for 1/4 sec cor, from which:—	
	A Cedar 22 in dia, bears N. 5° W. 18 links	
	" Pine 8 " " " S. 27° W. 28 "	
	Both trees marked 1/4 S. B. T.	
48,00	Enter plateau.	
80,00	Set sandstone 21×14×12 in, 16 in deep, marked 2 notches on S. & 3 on E. edges, for corner to secs 21. 22. 27 & 28, from which:—	7.00
	A Cedar, 12 in dia, bears N. 21° E. 26 links	14.50
	" " 7 " " " N. 28½° W. 63 "	19.00
	" " 14 " " " S. 37½° W. 24 "	40.00
	" Pine 6 " " " S. 80° E. 64 "	

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R. 25. E. S. L. M.

chains – Land 1st, 27 chains, level, Soil 1st rate, covered with sagebrush and greasewood – Balance rolling. Soil 2d rate – Timber cedar & pine –

Nov 15th 1880.

Nov 16th 1880.

I here take an observation of Polaris, and find that the line last run, agrees with the meridian thus obtained.

East on random line, between secs 22 & 27 –

Var 15° 10' E.

7.00 Descend –

14.50 Gulch drains S. Ascend –

19.00 Enter bench.

40.00 South end of ridge, set temp 1/4 Sec cor –

Subdivisions T. 29. S.

Chains	
58.00	Wash, south; lean timber.
64.00	Ascend, enter timber.
75.00	Enter plateau.
79.92	Intersect N & S. line, 9 links N of the cor to secs 22, 23, 26 & 27 - from which, N. 89° 56' W. on true line, between secs 22 & 27.
39.96	Set sandstone 15 × 11 × 10 in, 10 in deep, marked 1/4 on N. side, for 1/4 sec cor, from which: -
	A Cedar, 12 in dia, bears S. 64 1/2° E. 43 links
	" " 10 " " " S. 47 1/2° W. 26 "
	Both trees marked 1/4 S. B.T.
79.92	The cor to secs 21, 22, 27 & 28.
	Land rolling - Soil 2d rate,
	Timber, Cedar & pines, on 73.92 chains.
	North, on true line between secs 21 & 22.

BOOK-

R.

Chains	
40.00	S
	dee
	sec
	A.C
	" C
	Bot
47.00	C
80.00	S
	dee
	ed
	pi
	fr
	A
	"
	" C
	L
	8

BOOK-A-173 541

R. 25. E. S. L. M.

Chains

Var 15° 10' E.

40.00 Set sandstone 16×12×12 in, 11 in deep, marked 1/4 on W. side, for 1/4 sec cor, from which:—

A. Cedar 15 in dia, bears S. 32° E. 55 links—

" Pine 8 " " " N. 21° E. 18 "

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

47.00 Ascend on west side of ridge.

80.00 Set sandstone 12×10×10 in, 8 in deep, marked 3 notches, on S. & E. edges with reg mound of earth and pits, for cor to secs 15, 16, 21, & 22, from which:—

A cedar, 14 in dia, bears N. 48° E. 23 links,

" " 18 " " " N. 65° 1/2 W. 53 "

" Pine, 10 " " " S. 47° W. 15 "

Land rolling. Soil 2d rate.

Timber, cedar and pine, on 80 chains—

Subdivisions T. 29 S. N.

Chains		Chains
	East on random line, between secs.	49.87
	15 & 22,	
	Var 15°10' E.	
	Ascend.	
11.00	Enter rolling plateau.	
30.00	Descend, leave "	
40.00	Set temp, 1/4 sec cor-	
43.00	Gulch, drains S.W, ascend-	
52.00	Enter plateau.	2.00
69.00	Gulch drains S.	10.50
79.87	Intersect N. & S. line, 7 links S.	21.00
	of cor to secs 14, 15, 22 & 23, from	
	which, S. 89°57' W, on true line,	39.00
	between secs 15 & 22.	40.00
39.93	Set sandstone, 16 x 14 x 6, in, 11 in	
	deep, marked 1/4, on N. side,	
	for 1/4 sec cor, from which:—	
	A Cedar, 14 in dia, bears N. 55° W, 23 links	
	" Pine, 6 " " " S. 72° E. 45 "	
	Both trees marked 1/4 S. B. T.	

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N. 25. E. S. L. M.

Chains -

79.87 The cor to secs. 15, 16, 21 & 22.
Land rolling - Soil 2d rate.
Timber, cedar and spruce on 79.87 chains -

North bet secs 15 & 16,
Var 15° 10' E.

2.00 Leave timber, enter bottom.
10.50 Wash 8 links S. W.
21.00 Leave bottom, enter timber, and ascend -
39.00 Enter rolling plateau.
40.00 Marked a stationary sandstone, 2 x 2 x 1. feet, above ground, 1/4 on W. side, for 1/4 sec corner, from which,
A Pine, 15 in dia, bears N. 64 1/2° W. 113 links.
" cedar 15 " " " N. 81 1/2° E. 41 "
Both trees marked 1/4 S. B. T.
Ascend gradually -

Subdivisions T. 29. S.

Chains	
60.00	Descent gradually-
80.00	Set sandstone 20 × 15 × 7 in, 15 in deep, marked 4 notches on S. and 3, on E. edges with peg mound of earth and pits, for corner to secs 9, 10, 15 and 16, from which:-
	A Pine, 10 in dia, bears N. 67° E. 85 links
	" " 16 " " " S. 35° E. 28 "
	" cedar 15 " " " S. 67½° W. 19 "
	Land rolling- Soil 2d rate.
	Timber, cedar and pine, on 61 chains.

East on random line, between secs 10 & 15, Var 15° 10' E.

	Ascend.
8.00	On S. edge of plateau, bears N. 15° E.
	Descend-
26.00	Wash drains S. W. Ascend-
33.00	Enter plateau

Chains
40.0
48.
65.0
77.
78.
79.
39.
79.

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R. 25. E. S. L. M.

Chains-	
40.00	Set temp 1/4 Sec Cor-
48.50	Gulch drains S.
65.00	" " "
77.00	Descend-
78.50	Enter bottom-
79.88	Intersect ct aus S. line, 9 links S. of cor to secs. 10. 11. 14 + 15, from which I run, S. 89° 56' W. on true line between secs 10 + 15,
39.94	Set sandstone 15 x 12 x 11 in, 10 in deep, marked 1/4 on ct. side, for 1/4 sec cor- from which:-
	Pine 20 in dia, bears S. 5 1/2° E, 68 links-
	" " 18 " " " N. 53° W. 59 "
	Both trees marked 1/4 S. B.T.
79.88	The corner to secs 9. 10. 15 + 16,
	Land rolling- + mountainous-
	Soil 2d + 3d rate,
	Timber, pine + cedar on
	79.88 Chains-

326

Subdivisions T. 20. S.

Chains	
	North bet secs 9 & 10.
	Var 15° 10' E.
	Descend -
24.00	Enter bottom, leave heavy timber.
31.00	Track drains S.W.
39.00	Descend, & enter timber.
40.00	Set sandstone 25 × 15 × 8 in, 18 in deep, marked 1/4 on W. side for 1/4 sec cor, from which:-
	A Cedar, 20 in dia, bears N. 18° E, 22 links
	" Pine 10 " " " S. 14° E, 41 "
	Each tree marked 1/4 S. 2 T.
56.00	Enter rolling plateau. Ascent gradually-
80.00	Set sandstone 18 × 12 × 9 in, 12 in deep marked 5 notches on S. & 3, on East edge, for cor to secs 3, 4, 9 & 10.
	from which:-
	A Pine, 10 in dia, bears S. 37° W, 14 links
	" " 8 " " " N. 62° W, 10 "

BOOK

Chains
15.00
24.00
32.00
40.00
47.00
71.00
78.50
79.83

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R. 25. E. S. L. M.

Chains.

A Cedar, 22 in dia, bears N. 9° E, 56 links –
" Pine 12 " " " S. 72° E, 84 "
Land rolling, Soil 2d rate,
Timber, cedar & pine, on 80 chains –

East on random line between secs 3 & 10,
Var 15° 10' E,

15.00 Descend –
24.00 Gulch drains S.W. Ascend –
32.00 Enter plateau:
40.00 Set temp, 1/4 sec cor –
47.00 Gulch drains S.
71.00 Descend –
78.50 Gulch, S. 15° E,
79.83 Intersect N & S. line, 16 links S. of cor to secs 2. 3. 10 & 11 – from which: – S. 89° 53' W. on true line, between secs 3 & 10 –

Subdivisions T. 29. S.

Chains		Chains
39,92	Set sandstone, 16 x 10 x 8 in, 11 in deep, marked 1/4 on N. side, with rg mound of earth and pits, for 1/4 sec cor, from which:-	40,24
	A Pine, 8 in dia, bears S. 32° E, 118 links, marked 1/4 S. B.T.	
79,83	The cor to secs 3, 4, 9 + 10.	
	Land rolling - Soil 2nd rate.	
	Timber, Pine + cedar, on 79,83 chains	80,24

North on random line, between secs 3 + 4.

Var 15° 10' E.

Ascend gradually -

40,00 Set temp 1/4 sec cor

69,00 Top of ridge, bears N.W. + S.E.

80,24 Intersect N. boundary of Tp - 35 links east of cor to secs 3 + 4, from which, I run:- 9,50

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R. 25. E. S. L. M.

Chains.

S. 0°15' E. on true line, between secs 3 & 4 –

40.24 Set sandstone 12 × 11 × 10 in, 8 in deep, marked 1/4 on W. side, with reg mound of earth and pits, for 1/4 sec cor, from which: –

A Pine, 24 in dia, bears S. 74° 1/4' E – 115. links, marked 1/4 S. B. T.

80.24. The cor to secs 3, 4, 9 & 10.

Land rolling – Soil 2d rate.

Timber, mostly pine, with some undergrowth on 80.24 chains –

Nov 17th 1880.

Nov 18th 1880.

North between sections 32 & 33 –

Var 15° 10' E.

Descend –

9.50 Gulch drains N. E. Ascend –

Subdivisions T. 29, S.

Chains -		Chains -
18.00	Enter plateau.	
40.00	Set sandstone 20 × 15 × 12 in., 15 in deep, marked 1/4 on W. side, for 1/4 sec cor — from which:—	
	A pine, 7 in dia, bears N. 14° W. 9 links	
	" " 12 " " " S. 70° E. 16 "	
	Both trees marked 1/4 S. B. T.	
41.00	Descend —	
54.00	Gulch drains N. E.	7.00
60.00	Ascend on E. side of ridge.	
71.00	Descend —	19.50
80.00	Set sandstone, 22 × 14 × 8 in, 16 in deep, marked 1 notch on S. & 4 on E. edges, with reg mound of earth and pits, for cor to secs 28, 29, 32 & 33	40.00
		46.00
		54.00
		71.00
	from which:—	80.00
	A cedar, 18 in dia, bears N. 49° E. 20 links	
	" " 20 " " " N. 67° W. 41 "	
	" Pine 10 " " " S. 37½° W. 56 "	

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R. 25. E. S. L. M.

Chains -

Land rolling -
Soil 2d & 3d rate.
Timber, cedar & pine, on 80 Chains -

East on random line, between secs 28 & 33 -

Descend -

7.00 Enter limestone formation; copper-stained.

19.50 Wash drains N. E, enter scattering timber -

40.00 Set temp 1/4 sec cor -

46.00 Enter bottom & heavy brush - leave timber -

54.00 Wash drains S. E,

71.00 " " S.

80.06 Intersect N. & S. line, 11 links S. of 1/4 cor to secs 27, 28, 33 & 34 - from which: -

552

Subdivisions T. 29. S.

chains.	
	S. 89°55' W. on true line between secs 28 & 33.
40.03	Set sandstone 15 × 10 × 4 in, 10 in deep, marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec cor.
80.06	The cor to secs. 28, 29, 32 & 33.
	Land 1st 46 chains, rolling. Soil 2d rate. Balance level valley. Soil 1st rate. Timber cedar and pine, on 19.50 chains.
	Heavy greasewood, sage and oak brush, on 34.06 chains.
	North between secs 28 & 29.
	Var 15°10' E.
	Descend.
6.00	Enter lower bench; leave heavy timber.
24.00	Descend copper stained limestone ledge.

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T. 25. E. S. L. M.

Chains -

25.00 Enter bottom and brush -

29.00 Wash across S.E.

32.00 Ascend, leave brush and bottom.

40.00 Set sandstone 16 x 12 x 4 in, 11 in deep - marked 1/4 on W. side, with 19 mounds of earth and pits, for 1/4 Sec cor -

42.00 Enter plateau and timber,

76.00 Descend -

80.00 Set sandstone, 15 x 12 x 8 in, 10 in deep, marked 2 notches on S. & E. on E. edges, for cor to secs 20. 21. 28 and 29, from which: -

N Pine, 9 in dia, bears N. 21° E, 13 links -
" " 8 " " " S. 84° E, 45 "
" " 8 " " " S. 51½° W 26 "
" Cedar 15 " " " N. 43° W. 32 "

Land rolling - Soil 1st and 2d rate.

Timber cedar & pine, on 44 chains.

Heavy brush, on 19 chains -

554

Subdivisions T. 29. S.

Chains		Chains
	East on random line, between secs 21 + 28.	
	Var 15° 10' E.	
	Ascend –	
3.00	Enter plateau.	
36.00	Descend, leave timber –	
40.00	Set temp 1/4 sec cor –	6.5
49.00	Gulch drains S. W. – ascend –	23.0
52.00	Enter timber plateau,	40.0
80.10	Intersect N + S. line, 18 links S. of cor to secs 21. 22. 27 + 28 – from which: –	
	S. 89° 52' W. – on true line, between secs 21 + 28 –	
40.05	Set sandstone, 14 × 9 × 8 in, 9 in deep, marked 1/4 on N. side, and raised a mound of stones, for 1/4 sec cor –	80.0
80.10	The corner to secs 20. 21. 28 and 29. Land rolling – Soil 2d rate.	

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R. 25. E. S. L. M.

Chains - Timber, cedar and pine, on 64, 10 chains -

North between secs 20 & 21 -

Var 15° 10' E.

Descend -

6.50 Wash drains S. W. - Ascend -

23.00 Enter plateau.

40.00 Set sandstone, 15 × 11 × 10 in, 10 in deep, marked 1/4 on W. side, for 1/4 sec cor - from which: -

A cedar, 16 in dia, bears N. 62 1/2° W. 29 links -

" " 15 " " " S. 3° W. 35 "

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

80.00 Set sandstone, 20 × 12 × 9 in, 15 in deep marked 3 notches on S. and 4, on E. edges for cor to secs 16, 17, 20 and 21 - from which: -

A cedar, 14 in dia, bears S. 63° E. 24 links.

" " 18 " " " S. 28° W. 18 "

556

Subdivisions T. 29. S.

Chains.		Chains.
	A Pine, 7 in dia, bears N. 64 1/2° W. 42 links	
	" " 9 " " " N. 11° E. 15 "	40.05
	Land rolling - Soil 2d rate.	
	Timber, cedar and pine, on 80 chains.	
	East on random line, between secs 16 and 21 -	
	Va. 15° 10' E	80.11
	Ascend S. end of ridge.	
18.00	Descend -	
35.50	Gulch S.W. Ascend, S. end of ridge,	
	Spring 20 chs - above	
40.00	Set temp 1/4 sec corner	
55.00	Descend -	
74.50	Gulch, S.W.	
80.11	Intersect N. & S. line, 25 links S. of	8.00
	corner to secs 15, 16, 21 and 22, from	15.0
	which -	40.0
	S. 89° 50' W. on true line -	

BOOK-A-173

R. 25, E. S. L. M.

Chains,

between secs 16 + 21 -

40.05 Set sandstone, 12×12×8 in, 8 in deep, marked 1/4 on N. side, and raised mg mound of earth, from 4 pits, for 1/4 sec cor from which: -

A Pine, 8 in dia, bears S. 84° W. - 19 links - Marked 1/4. S. B. T.

80.11 The cor to secs 16, 17, 20 and 21 -

Land mountainous -

Soil 2d + 3d rate,

Timber cedar and pine, on 80.11 chains -

North between secs 16 + 17 -

Var 15° 10' E,

8.00 Track runs S. W. -

15.00 Ascend -

40.00 Set sandstone, 15×10×6 in, 10 in deep, marked 1/4, on W. side,

558

Subdivisions T. 29. S.

Chains.		Chains.
	for 1/4 sec cor — from which: —	14,00
	A Cedar, 20 in dia, bears S. 53° E, 26 links	25,00
	" Pine, 6 " " " S. 79° W. 30 "	38,00
59,00	Enter west side of plateau,	40,00
80,00	Set sandstone, 14 x 12 x 11 in, 9 in	55,00
	deep, marked 1/4 notches on S. + E.	66,50
	edges, with reg mound of earth and	80,16,
	pits, for cor to secs 8, 9, 16 + 17 —	
	from which: —	
	A Pine 15 in dia, bears N. 16° E, 75 links —	
	" Cedar 15 " " " N. 61° W. 36 "	
	" " 12 " " " S. 22° E, 25 "	40,08
	Land mountainous —	
	Soil 2d + 3d rate,	
	Timber, cedar and pine, on 80 chains —	

East on random line between secs 9 + 16,

Var 15° 10' E, 80,16

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R. 25, E. S. L. M.

chains -

14.00 Descend -

25.00 Gulch drains S.W. ascend -

38.00 Enter plateau, bear S.W. & N.E.

40.00 Set beach, 1/4 sec cor

55.00 Descend -

66.50 Gulch drains S.W. ascend -

80.16, Intersect N. & S. line, 28 links S. of Cor to secs 9. 10. 15 and 16, from which: -

S. 89° 48' W. on true line - between secs 9 & 16 -

40.08 Set sandstone, 15 x 12 x 10 in, 10 in deep, marked 1/4 on N. side, for 1/4 sec cor - from which: -

N. pine, 12 in dia, bear S. 43° W. - 18 links -

N. pine 8 in dia, bear N. 1° E. - 26 links -

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

80.16 The corner to secs 8, 9, 16 and 17 -

Subdivisions T. 29. S.

Chains

Land mountainous -
Soil 5th + 3rd rate -
Timber, cedar and pine, on 18.16
Chains -

North between secs 8 and 9 -
Var 15° 10' E
Along west side of ridge -
40.00 Set sandstone, 16 x 12 x 6 in -
11 in deep, marked 1/4 on W.
side, with reg mound of stones,
for 1/4 sec corner in heavy
undergrowth -
80.00 Set sandstone 18 x 12 x 4 in - 12
in deep - marked 5 notches on S.
and 4, on East edge, with reg
mound of earth and pits - for
corner to secs 4, 5, 8 and 9 -
from which: -

Chains

9.0
38.0
40.0
46.0
53.0

BOOK-A-173

R. 25, E. S. L. M.

Chains

Cedar, 24 inches, bears N. 48° E, 13 links

" " 15 " " " S. 11° E, 24 "

Land mountainous -

Soil rocky -

Timber and undergrowth, on 80 chains -

Nov 18th 1880 -

At this point I take an observation on the North Star, and find that the line, last run, agrees with the meridian, this obtained -

East on a random line between secs 4 and 9.

Var 15° 10' E,

9.00 Enter rolling plateau

38.00 Descend, leave timber & enter brush

40.00 Set temp 1/4 sec cor -

46.00 Enter bottom, leave brush -

53.50 Wash & mains S.W. ascend, enter

562

Subdivisions T. 29. S.

chains	
	timber.
59.00	Enter rolling plateau.
80.14	Intersect N & S. line, 32 links S. of the cor to secs 3, 4, 9 & 10 — from which:— S. 89° 46' W — on true line, bear secs 4 and 9 —
40.07	Set sandstone 16 × 10 × 5 in, 11 in deep, marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec cor — from which:— A pine 12 in dia, bears N. 86 1/2° W — 112 links — Marked 1/4 S. B. T.
80.14	The cor to secs 4, 5, 8 and 9 — Land heavy rolling — Soil 2d & 3d rate, Timber pine and cedar on 64.64 chains

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R. 25. E. S.L.M.

chains

North on random line, between secs 4 and 5.

Var 15° 10' E.

9.00 Enter wash, drains S. 15° W.

12.00 Leave "

20.00 Ascend -

40.00 Set temp 1/4 sec cor.

49.00 Enter rolling plateau.

80.40 Intersect N. boundary of Tp 39 links East of the cor to secs 4 and 5, from which, I run:-

S. 0° 17' E. on true line, between secs 4 and 5.

40.40 Set sandstone 18 x 10 x 7 - in, 12 in deep marked 1/4 on W. side for 1/4 sec corner - from which:-

A Pine 20 in dia, bears S. 14° W. 52 links.

" " 6 " " " S. 4° E. 5 "

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

80.40 The corner to secs 4, 5, 8 and 9.

Subdivisions T. 29. S.

Chains - Land rolling - Soil 2d rate.
Timber, cedar and pine, on 80.40 Chains

North between secs 31 and 32.
Va 15°10' E

Ascend -
16.00 Top of low ridge, bears N.E. and S.W.
Ascend -
31.50 Wash drains S.E. Ascend -
40.00 Set sandstone 14 x 9 x 6 in, 9 in deep, marked 1/4 on N. side, for 1/4 sec corner - from which: -
A cedar 14 in dia, bears N. 63° W - 18 links
" " 12 " " " S. 18½° E. 34 "
Both trees marked 1/4 S. B.T.
54.00 Top of low ridge, bears N.W. Descend
55.00 In scattering timber.
67.00 Wash drains N.E.
78.00 " " "

Chains -
80.00
1.50
5.00
9.75
20.00
33.00
40.0

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R. 25. E. S. L. M.

Chains -
80.00 Set sandstone 36 x 30 x 18 in, 27 in dep. marked 1 notch on S. and 5 on East edges, with reg mound of stones, for corner to secs 29, 30, 31 and 32.

Land rolling - Soil 2d rate.
Timber, cedar and spruce, on 55 Chains.

East on random line between secs. 29 and 32.

Var 15° 10' E.

1.50 Wash & rains N. E.
5.00 In small grove of timber.
9.75 Wash & rains N. E. Ascend -
20.00 Top of low ridge, bears N. E. & S. W. Descend -
33.00 Wash & rains N. E. Ascend -
40.00 On top of low ridge, bears N. E. Descend - Set temp 1/4 Sec. Cor.

566

Subdivisions T. 29. S.

Chains -	
49.50	Wash drains N. E. Ascend N. end of ridge, and enter timber -
80.07	Intersect N & S. line, 14 links S. of cor to secs 28, 29, 32 and 33 - from which, S. 89°54' W - on true line between secs 29 & 32 -
40.03	Set sandstone, 20×10×3 in, 15 in deep, marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec corner -
80.07	The cor to secs 29, 30, 31 and 32 - Land rolling - Soil 2d rate. Timber on last 30.57 Chains -

West on random line between secs 30 and 31 -

Var 15°10' E.

6.00	Ascend - Enter timber.
24.00	Descend -

BOO

Chains -
37.50
40.00
47.00
80.10
40.10
80.10

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R. 25. E. S. L. M.

Chains	
37.50	Wash drains N. E. Ascend –
40.00	Set temp 1/4 sec cor.
47.00	Enter plateau.
80.10	Intersect west boundary of Tp 21 links N. of corner to secs 30 & 31. from which:– N. 89° 51' W. E. on true line between secs 30 and 31 –
40.10	Set sandstone 18 × 9 × 5 in, 12 in deep, marked 1/4 on N. side, for 1/4 sec corner – from which:– A Pine, 8 in dia, bears S. 40° W. 48 links " " 6 " " " N. 7 1/2° E. 16 " Both trees marked 1/4 S. B.T.
80.10	The cor to secs 29, 30, 31 and 32. Land rolling – Soil 2d rate – Timber, cedar and pine, on 74.10 chs.

North on true line bet secs 29 & 30 –

Subdivisions T. 29. S.

Chains -		Chains -
	Var 15°10' E	
	Descent gradually -	
40.00	Set sandstone, 14 x 8 x 5 in, 9 in deep, marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec corner -	1.50 4.50 7.00
59.75	Gulch drains S. E.	10.00
70.00	Descent copperstained limestone bluff	15.00 22.00
72.00	Enter bottom & brush -	
75.00	Wash drains S. E.	40.00
78.50	" " S. W.	
80.00	Set sandstone, 15 x 10 x 8 in, 10 in deep, marked 2 notches on S. and 5, on E. edge, with reg mound of earth and pits, for cor to secs 19, 20, 29 & 30 -	52.00 68.00 76.50
	Land rolling - Soil 1st & 2d rate. Some scattering timber - Brush on last 8 Chains -	80.10

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R. 25. E. S. L. M.

chains	
	Easton random line, between secs 20 & 29.
	Var 15°10' E.
1.50	Wash drains S.W.
4.50	" " "
7.00	A quartz ledge, bears S.W. & N.E.
10.00	Ascend. Enter timber - leave brush
15.00	Top of ridge bears N.E. & S.W.
22.00	Wash drains S.W. Ascend and leave timber -
40.00	On top of ridge bears N.E. & S.W. Set temp 1/4 sec corner -
52.00	Wash drains S.W. Ascend and enter timber.
68.00	Top of ridge bears S. 30° W. Descend -
76.50	Wash drains S.W. Ascend.
80.10	Intersect N & S. line, 21 links S. of cor to secs 20, 21, 28 & 29 - from which: -

Subdivision T. 29. S.

Chains		Chains
	S. 89° 51' W. - on true line, between secs 20 & 29,	20.00
		28.00
40.05	Set sandstone 16 x 14 x 4 in, 11 in deep, marked 1/4 on N. side with reg mound of earth and pits for 1/4 sec corner -	40.00
		80.23
80.10	The corner to secs 19, 20, 29 & 30 - Land rolling - Soil 1st & 2d rate, Timber, cedar and pine, on 40.10 Chains -	40.23
	West on random line, between secs 19 & 30 -	80.23
	Var 15° 10' E,	
3.00	On S. side of rock, heads S. W. & rains N. E,	
6.00	Leave bottom and brush - Ascend -	
13.50	Top of ridge, bears S. W. & N. E. Descend -	

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R. 25. E. S. L. M.

Chains	
20.00	Wash drains N. E. Ascend-
28.00	Enter bench-
40.00	Set temp 1/4 sec cor-
80.23	Intersect W. boundary of Tp. 28 links N. of corner to secs 19 & 30- from which:- N. 89° 48' E. on true line, bet secs 19 & 30-
40.23	Set sandstone, 12×10×8 in, 8 in deep- marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec corner-
80.23	The cor to secs 19, 20, 29 & 30- Land 1st 28 chs rolling- Soil 2d rate. Balance level bench- Timber scattering on 22 chains- Brush on 1st 6. chains-

North between secs 19 & 20-

572

Subdivisions T. 29 S.

Chains -

Var 15°10' E.

1.50 Wash heads S. N. drains S. E.

4.00 Leave bottom and brush - Ascend

10.00 Enter timber plateau.

37.00 Descend -

40.00 Set sandstone, 30 x 20 x 3, 22 in deep, marked 1/4 on N. side, for 1/4 sec cor - from which:-

A Pine, 12 in dia, bears S. 10° E. 30 links.

" " 6 " " " West 22 "

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

46.50 Wash drains S. N. - Ascend -

51.00 Enter bench.

71.00 Leave timber.

80.00 Set sandstone, 24 x 20 x 3, in, 18 in deep marked 3 notches on S. and 5 on E. edges - with reg mound of earth and pits, for cor to secs 17, 18, 19 + 20 -

Land partly rolling. Partly

Chains -

10.00

17.50

40.00

45.00

77.00

80.12

40.00

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R. 25. E. S. L. M.

Chains	
	Soil mostly 1st rate. Timber, cedar and pine, on 61 chains.
	East on random line, between secs 17 & 20.
10.00	Enter timber.
17.50	Gulch drains S. W.
40.00	Set temp 1/4 sec cor.
45.00	Gulch drains S. W.
77.00	" " "
80.12	Intersect N. & S. line, 30 links S. of cor to secs 16, 17, 20 & 21 - from which: - S. 89° 47' W. on true line, bet secs 17 & 20 -
40.06	Set sandstone 14 x 12 x 12 in, 9 in deep, marked 1/4 on N. side, with reg mound of earth and pits.

Subdivisions T. 29. S.

Chains	
	for 1/4 sec cor, from which:— A Cedar, 21 in dia, bears S. 85° W. 33 links—
80.12	The corner to secs 17. 18, 19 & 20— Land rolling Soil 1st & 2d rate, Timber, Pine & Cedar, on 70.12 Chains—
	West on random line, bet secs 18 and 19— Var 15° 10' E.
10.00	Enter a grove of cedar and pine.
12.00	Leave same.
20.50	Wash drains S. W.
40.00	Set temp 1/4 sec cor—
48.50	Enter grove of timber.
51.00	Leave same.
75.50	Wash drains S. W.
80.30	Intersect W, boundary of the Tp.

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R. 25, E. S. L. M.

Chains	
	44 links N. of the corner to secs 18 & 19, from which, Drum, N. 89° 41' E. on true line, between secs 18 and 19.
40.30	Set sandstone, 12 x 12 x 8 in, 8 in deep, in center 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec corner -
80.30	The cor to secs 17, 18, 19 & 20. Land level - Soil 1st rate. Timber on 4.50 chains - Some brush - Nov 19th 1880.

Nov 20th 1880.
North between secs 17 & 18.
Var 15° 10' E.

9.50	Enter timber.
26.00	Wash drains S. W.

576

Subdivisions T. 29. S.

Chains -	
40.00	Set sandstone, 15 × 13 × 9 in, 10 in deep, marked 1/4 on W. side, for 1/4 sec cor, from which:-
	A Pine, 10 in dia, bears S. 40° E. 15 links
	" " 16 " " " N. 22° W. 45 "
	Both trees marked 1/4 S. B. T.
43.00	Ascend -
44.00	Enter upper bench; ascend gradually.
80.00	Set sandstone, 22 × 14 × 9 in, 16 in deep, marked 4 notches on S. and 5, on E. edges, for corner to secs 7. 8. 17 + 18. from which:-
	A Cedar 18 in dia, bears S. 25° E. 8 links
	" " 15 " " " S. 72° W. 21 "
	" " 16 " " " N. 63½° W. 76 "
	" Pine 8 " " " N. 40½° E. 22 "
	Land nearly level -
	Soil 1st rate. Timber, cedar and pine, on 70.50 Chains -

Chains -

14.00
17.50
26.00
35.00
40.00
42.00
46.0
58.00
60.5
80.08

40.04

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R. 25. E. S. L. M.

Chains -	
	East on random line between secs 8 + 17 -
	Var 15° 10' E.
14.00	Leave bench, descend -
17.50	Gulch drains S.W. Ascend.
26.00	Enter plateau.
35.00	Leave " . Descend -
40.00	Set temp 1/4 sec corner -
42.00	Gulch, S.W. Ascend.
46.00	Enter plateau.
58.00	Descend
60.50	Gulch drains S.W. ascend -
80.08	Intersect N + S. line, 35 links S. of the cor to secs 8, 9, 16 + 17 - from which:-
	S. 89° 54' W. on true line between secs 8 + 17 -
40.04	Set sandstone, 17 × 12 × 6 in, 11 in deep, marked 1/4 on N side, for 1/4 sec corner -

578

Subdivisions T. 29. S.

Chains		Chains
	from which:—	
	A Pine, 14 in dia, bears S. 54° E. 12 links	
	" " 8 " " " N. 25° W. 8 "	
	Both trees marked 1/4 S. B. T.	40.44
80.08	The corner to secs 7. 8. 17 & 18.	
	Land 1st 14 chs, level - Soil 1st	
	rate, Balance mountainous.	
	Soil 3d rate. Timber, cedar and	
	pine, on 80.08 Chains -	
		80.44
	West on random line between	
	secs 7 & 18.	
	Var 15° 10' E.	
[illegible]0	Descend,	
35.00	Enter valley.	
40.00	Set temp 1/4 sec cor -	
52.00	Leave valley.	32.50
80.44	Intersect W. boundary of Tp.	34.00
	56 links N. of cor to secs 7 & 18,	40.00

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N. 25. E. S. L. M.

Chains -

from which:-
N. 89° 36' E. on true line,
between secs 7 & 18.

40.44 Set sandstone 11×10×10 in, 9
in deep, marked 1/4 on N. side,
for 1/4 sec cor - from which:-
A pine, 10 in dia, bears S. 74° W. 56 links.
" " " " " " N. 4½° E. 46 "
Both trees marked 1/4 S. B.T.

80.44 The cor to secs 7, 8, 17 & 18.
Land nearly level. Soil 1st rate.
Timber, cedar & pine, on 52 chains.

North between secs 7 & 8.
Var 15°. 10' E.
Ascend gradually -

32.50 Ascend -

34.00 Enter upper bench -

40.00 Set sandstone 18×10×6 in, 12 in

580

Subdivisions T. 29 S.

Chains.		Chains
	deep, marked 1/4 on W. side, for	
	1/4 sec cor, from which:—	
	A cedar 11 in dia, bears S. 52½° E. 30 links	
	" " 14 " " " N. 15½° W. 32 "	10.00
	Both trees marked 1/4 S. B.T.	25.00
66.00	Ascend.	26.50
67.50	Enter upper bench, ascend gradually	32.00
80.00	Set sandstone, 20×16×8 in, 15 in	33.50
	deep, marked 5 notches on S. & East	37.00
	edges, with mound of earth over	38.00
	pits, for cor to secs 5, 6, 7 & 8.	39.00
	from which:—	40.00
	A cedar 22 in dia, bears N. 67½° W. 78 links	46.50
	" " 10 " " " N. 55° E. 33 "	77.50
	" " 8 " " " S. 35° W. 14 "	80.10
	Land sloping south—	
	Soil 1st and 2d rate.	
	Timber cedar & pine on 80 chains.	
		40.05

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R. 25. E. S. L. M.

Chains – East on random line, between secs 5 and 8.

Var 15° 10' E.

10.00 Descend gradually –

25.00 Descend.

26.50 Enter lower bench.

32.00 Descend –

33.50 Enter bottom, leave timber.

37.00 Wash drains S.

38.00 Ascend –

39.00 Enter plateau, bears N & S.

40.00 Set temp 1/4 sec cor.

46.50 Descend –

77.50 Wash drains S. W.

80.10 Intersect N & S. line, 46 links S. of the cor to secs. 4, 5, 8 and 9. from which; –

S. 89° 40' W. on true line, between secs 5 and 8.

40.05 Set sandstone, 16 × 10 × 5 in, 11 in deep,

Subdivisions T. 29 S.

Chains -

marked 1/4 on N. side, with reg mound of earth and pits, for 1/4 sec cor.

80.10 The cor to secs. 5, 6, 7 & 8.

Land mountainous -

Soil 2d & 3d rate.

Timber, cedar and pine, on 58.10 Chains.

West on random line between secs 6 & 7 -

Var 15° 10' E

Descend -

17.00 Gulch drains S.W. Ascend -

25.00 Enter plateau.

40.00 Set temp 1/4 sec corner -

41.00 Descend -

48.00 Enter lower bench, descend gradually.

65.00 Descend steep.

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R. 25. E. S. L. M.

Chains	
66.50	Enter bottom.
71.75	Wash drains S.W.
80.52	Intersect west boundary of Tp. 70 links N. of corner to secs. 6 & 7 — from which:— N. 89°30' E. on true line, between secs 5 & 6.
40.52	Set sandstone, 18×14×12 in, 12 in deep, marked 1/4, on N. side, for 1/4 sec cor, from which:— A Cedar 16 in dia, bears N. 62½° E. 18 links. " Pine 10 " " " South 5 " Both trees marked 1/4 S. B.T.
80.52	The cor to secs 5, 6, 7 & 8. Land rolling - Soil 2d & 1st rate. Rocky in places. Timber, cedar and pine, on 80.52 Chains -

North on random line between secs 5 & 6.

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Subdivisions T. 29 S.

Chains -

Var 15° 10' E

Ascent -

22.00 Along west side of ridge.

40.00 Enter bottom. Set temp 1/4 sec corner

46.00 Wash drains S.W.

50.00 Ascend on W. side of ridge.

69.00 Leave hill, enter bottom, along wash

80.75 Intersect N. boundary of Tp. 144 links east of the cor to secs 5 & 6, from which,

S. 0° 19' E, on true line, between secs 5 & 6,

40.75 Set sandstone, 20 x 12 x 5 in, 15 in deep, marked 1/4 on W side, for 1/4 sec cor -

from which:-

A pine 16 in dia, bears N. 13 1/2° E, 50 links

" " 25 " " " S. 8° W. 79 "

Chains

80.75

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T. 25, E. G. & S. R. M.

Chains.	
80.75	Both trees marked 1/4 S. B.T. The corts sec, 5. 6, 7 + 8. Land mountainous - Soil 2d rate, Timber, cedar and pine, on 80.75 chains - Nov 20" 1880.

General Description -

The land in this township is very broken and traversed by many deep gulches.

The greater part is covered with a thick growth of timber, consisting mostly of yellow pine, cedar and piñon pine.

There is some pine forming land in Secs, 7. 18, 19 + 30. which can be irrigated from creeks running in Townships north

80.

82. 586

Subdivisions T. 29, S. R. 25, E. S. L. M.

and west. The country rock is grey sandstone. In sections 28 and 29, I found limestone saturated with copper solutions. I also found Iron ore in the N. E. part of the township, both however are too low grade to justify one in reporting said sections as mineral land -

Ernst Buettner
U. S. Dep. Sur.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, May 5th 1881.

The foregoing field notes of the survey of the Subdivision Lines in —

Township No 29 South Range No 25 East —

of the Salt Lake Meridian, Utah Territory,

Executed by Ernest Ruettner —

Under his contract No 96,

of the 28th day of July 1880,

in the month of November 1880,

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

Frdc. Salomon.

U. S. Surveyor General for Utah.