

Exteriors

2.

BOOK 1317

Exterior Lines
of +

South & North Rds T14 N R 13 E

" " " " T. 15 N R 12 E Hammond MS

North 4-671 T 15 N R 13 E

1317

FIELD NOTES

GENERAL LAND OFFICE.

BOOK 1317

No. 1317

Field Notes.
of the Survey & Resurvey of the
Exterior Lines.

of
T_s 13. N. R₁₃. E. 7₁ T_s 14, 15 & 16. N. R₁₃. E.

of the
Gila and Salt River Base
And Meridian
in the

Territory of Arizona

as Surveyed by

Daniel Drummond

U.S. Deputy Surveyor

under his Contract No. 28.

Dated February 21, 1893.

Survey Commenced Sept. 21, 1893.

Survey Completed Nov. 29, 1893.

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1B

S Bdy T 14 N R 13 E

Exteriors S. 13, N. R. 13. E.

chs.

BOOK 1317

64.50

Trail bears. N.E. + S.W.

71.90

Bank bears. N.E. + S.W. descend

77.30

Enter bottom

77.40

Trail bears. N.E. + S.W.

78.00

Gulch 20 lks. wide runs. N.E. ^{ascend}

80.00

Set a Sandstone 18 X 10 X 5 ins. 13 ins

in the ground. for Cor. to Secs. 2, 3,

34, + 35. marked with 4 notches

on W. and 2 notches on E. edge

Whence A Pine 8 ins. diam. bears

N 43° E 11 lks. dist. marked T. 14, N. R. 13 E ^{S 35, B. 1.}

A Pine 16 ins. diam. bears. S 71° E

90 lks. dist. Marked S. 13, N. R. 13. E. S. 2, 13. S.

A Pine 10 in diam. bears.

S 33 1/2° W 58 lks. dist. marked

S. 13 N. R. 13. E. S. 3. B. 1.

A Pine 18 ins. diam. bears

N 57° W 53 lks. dist. marked

S. 14, N. R. 13. E. S. 34. B. 1.

S-Bdy $63^{\circ} 14' N R 13^{\circ} E$
Extensiors S. 13, N. R. 13, E.

BOOK 1317

chs.

Land, broken

Sail, Gravelly 3^d rate

Timber Pine & Juniper 80 chains

S $89^{\circ} 59' E$ on a true line

Sub. Secs. 2 & 35.

Va $13^{\circ} 44' E$

In heavy Pine & Juniper timber ^{used}

5.00 Bank trans. N.E. & S.W.

8.50 Pine 20 ins. diam. on line. Marked
with 2 notches on E. & W. Sides

40.00 Set a Sandstone $18 \times 10 \times 8$ ins. 13 ins
in the ground. for. $\frac{1}{4}$ Sec. Cr. Marked
 $\frac{1}{4}$ on N. face. whence A Pine 18.
ins diam. trans. $N 52^{\circ} E$. 11 lks.
dist. marked $\frac{1}{4}$ S. B. S. - A Pine 16
ins. diam. trans. $S 42^{\circ} E$ 49 lks.
dist. Marked $\frac{1}{4}$ S. B. S. -

BOOK 1317

BOOK 1317

S-Bdy T 14⁶⁴ N R 13 E

Exteriors J. 13 x 14 N. R. 13. E.

BOOK 1317

chs.

- 41.00 Bank trans. N.T.D. descend
- 47.40 Gulch 10 lks wide runs Northerly ^{ascend}
- 56.70 Juniper 36 ins. diam. on line marked
with 2 notches on E. & W. Sides
- 58.20 Pine 36 ins. diam. on line marked
with 2 notches on E. & W. Sides
- 70.20 Pine 26 ins. diam. on line marked
with 2 notches on E. & W. Sides
- 80.00 Set a Sandstone 18x10x8 ins. 13 ins
in the ground. for Cor. to Bess.
1, 2, 35, & 36, with 5 notches on
W. and 1 notch on E. edges. where
A Pine 16 ins diam. trans.
N 2° E 14 lks. dist. marked
J. 14, N, R. 13, E. S. 36 B.S.
A Pine 10 ins. diam. trans.
S 80° E 74 lks. dist. marked
J. 13, N. R. 13, E. S. 1, B.S.
A double Pine 26 ins. diam. trans.

S Bdy T14⁶⁵N R13E
Exteriors. T13 + 14 N. R. 13. E.

BOOK 4
1317

chs. S51°W 24 lks. dist. marked
T. 13. N. R. 13. E. S. 2 B.S.
A Pine 4 ins. diam. bears
N34°W 125 lks. dist. marked
T. 14. N. R. 13. E. S. 35, B.S.
Land. nearly level
Soil. gravelly + sandy 3^d rate
Timber Pine + Juniper. 80 chs.

S89°59'E on a true line
bet. Secs. 1 + 36.
Ta. 13°44'E.

In heavy Pine + Juniper timber

5.00 Bank bears. N.E. + S.W. descend

15.40 Pine 28 ins. diam. on line marked
with 2 notches on E. + W. sides

17.30 Gulch. 10 lks. wide runs. N.E. ascend

17.70 Trail bears. N.E. + S.W.

S Bdy T74⁶⁵N R. 13E
Extensions. T 13 + 14 N. R. 13. E.

BOOK 4
1317

chs. S 51° W 24 lks. dist. marked
T. 13 N. R. 13. E. S. 2 B.S.

A Pine 4 ins. diam. bears
N 34° W 125 lks. dist. marked
T. 14 N. R. 13. E. S. 35, B.S.

Land, nearly level

Soil, gravelly + sandy 3^d rate
Timber Pine + Juniper. 80 chs.

S 89° 59' E. on a true line
bet. Secs. 1 + 36.
Ta. 13° 44' E.

In heavy Pine + Juniper timber

5.00 Bank bears, N.E. + S.W., descend

15.40 Pine 28 ins. diam. on line marked
with 2 notches on E. + W. sides

17.30 Gulch, 10 lks. wide runs N.E. ^{ascend}

17.70 Trail bears, N.E. + S.W.,

BOOK

1317

S - Bdy 6¹⁴ N R 13 E
Exteriors T. 13. N. R 13. E.

chs.	
24.50	opposite bank trans. N.E. + S.W.
40.00	Sandstone 2x2x1 ft. above ground Which I mark with cross this + 1/4 on N. for 1/4 Sec. Cor. whence A Pine 5 ins. diam. trans. S 34° W 36 lks. dist. marked 1/4 S. B. J. A Pine 18 ins. diam. trans. N 17 E 36 lks. dist. marked 1/4 S. B. J.
42.80	Bank trans. N.E. + S.W. descend
50.00	Gulch 20 lks. wide runs N.E. ^{ward}
50.50	Ridge trans. N + S. descend
51.50	Gulch 10 lks. wide runs N.W. ^{ward}
60.00	Bank trans. N.W. + S.E.
68.80	Pine 12 ins. diam. on line marked with 2 notches on E. + W. Sides
70.25	Pine 22 ins. diam. on line marked with 2 notches on E. + W. Sides
71.95	Gulch 10 lks. wide runs Northwaly
72.10	Trail trans. N + S.

67.
 S. Bdy T. 14 N. R. 13 E
 Exteriors. T. 13 & 14. N. R. 13. E.

chs.
 80.00 The Cor. to Tps. 13, & 14, N. Rs. 13 & 14, E.
 Land, rolling & broken
 Soil, gravelly, 3^d rate
 Timber heavy Pine & Juniper 80. chs.
 September 22, 1893.

I now proceed to the Cor. to
 Tps. 14, & 15, N. Rs. 12, & 13, E.
 on the 3^d Auxiliary Meridian,
 E. as recently established by me.
 Tested my Instrument on the
 true Meridian. heretofore
 determined, at this point, and
 found it in good adjustment.
 I find the Va. to be $13^{\circ}45'E$.
 September 23, 1893.

BOOK, 1317

N-Bdy T⁶⁸ 14 N R 13 E
Extensions J. 14 N. R. 13. E.

From the Cor. to Sp. 14 & 15 N.
Rs 12, & 13. E. I run East,
on a random line bet.
Said Townships, -

Va. $13^{\circ}45'E$.

I set temporary half mile
and mile Corners, at each 40
and 80 chains, and at 494.50 chs.
Intersect the Range line, 1/2 lks.
S. of the Cor. to Sp. 14 & 15 N,
Rs. 13, & 14. E. A Stone, firmly Set,
and properly marked, and
Witnessed, by Deputy U. S. Sur-
veyor Coutzen, under his
Contract No. 27, dated Feby
10, 1893 - The Correction for
the true line will therefore
be 74 lks. N. and 14,50 chs. E
per mile, and the true Corner will be

N-Bdy ⁶⁹14 N R 13 E
Exteriors S. 14. N. R. 13. E.

BOOK 1317

S 89° 53' W.

September 23, 1893.

From the Established Cor. to Spc
14 & 15, N. R. 13 & 14, E. I run
S 89° 53' W. on a true line,
bet. Secs. 1 & 36,
Ta. 13° 45' E.

ascend,

- 2.20 Bank trans. N.E. + S.W.
6.00 Enter Cedars.
8.00 Leave Cedars. Bank trans. N.E. + S.W. ^{descent}
13.00 Enter bottom
13.50 Gulch 20 lbs wide runs N.E.
14.10 Trail trans N.E. + S.W.
15.25 Leave bottom + ascend
19.80 Bank trans. N.E. + S.W.
20.50 Enter Cedar

4

BOOK 1317 70.

N-Bdy Exteriors T14 X N. R. 13.E.

25.00	Leave Cedar
35.00	Enter Cedar
40.00	Set a Sandstone 16x12x4 ins. 11 ins. in the ground. for $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on N. face. whence A Pine 4 ins diam. bears. N40°W 7 lks. dist. Marked $\frac{1}{4}$ S. B. I. - A Pine 5 ins diam. bears. S16°E 17 lks. dist. Marked $\frac{1}{4}$ S. B. I. -
48.00	Leave Cedar. descend
50.20	Trail, bears. N.E. & S.W.
52.50	Enter bottom
52.80	Gulch 10 lks. wide runs N.E.
53.50	Leave bottom & ascend
56.00	Enter Cedars. & Pinon Pine
80.00	Set a Sandstone 20x12x5 ins. 15 ins. in the ground. for Cor. to Secs. 1, 2, 35 & 36. Marked with 1 notch on E. & 5 notches on W. edges

N-Bd of Exteriors J. 14 ~~N~~ N. R. 13. E.

chs. Whence A Pine 13 ins. diam. bears
 $N 53^{\circ} E$ 5 lks. dist. marked
 J. 15, N. R. 13, E. S. 36. B. J.

A Pine 4 ins. diam. bears.
 $S 29^{\circ} E$ 26 lks. dist. marked
 J. 14, N. R. 13, E. S. 1 B. J.

A Pine 6 ins. diam. bears.
 $S. 23^{\circ} W.$ 27 lks. dist marked
 J. 14, N. R. 13, E. S. 2 B. J.

A Pine 10 ins. diam. bears.
 $N 88^{\circ} W$ 42 lks. dist. marked
 J. 15, N. R. 13, E. S. 35. B. J.

Land. rallying.

Sail, Sandy 2^d rate.

✓ Jimbu Cedar + Piñon. 43.50 chs.

$S 89^{\circ} 53' W.$ on a true line
 Feb. Secs. 2 & 35.

N-Bdy Exteriors J. 144 N. N. R. 13. E.

- chs. Va. 13°45' E
- In dense Cedar & Piñon.
- 3.50 Trail trans. N.T.S.
 - 6.85 Gulch 10 lks. wide. mus N.E.
 - 40.00 Set. a Sandstone 20x10x5 ins. 15 ins. in the ground. for. 1/4 Sec. Cor. marked 1/4 on N. face. Whence A Pine 5 ins. diam. trans. N3°W 16 lks. dist. marked 1/4 S. B.S. - A Pine 4 ins. diam. trans. S66°W 20 lks. dist. marked 1/4 S. B.S. -
 - 56.00 Leave Cedar & Piñon
 - 79.50 Enter Cedar & Piñon
 - 80.00 Set. a Sandstone. 18x8x7 ins. 13 ins. in the ground. for. Cor. to Secs. 2, 3 34x35. marked with 2 notches on E. & 4 notches on W. edges. Whence A Pine 6 ins. diam. trans. N32°E 63 lks. dist marked

N-Bdy

Exteriors J. 14 N. R. 13. E.

Chs. J. 15, N. R. 13, E. S. 35 B. J.

A Pine 7 ins. diam. trans
S 47° E 6 lks. dist. marked

J. 14, N. R. 13, E. S. 2. B. J.

A Pine 5 ins. diam. trans.

S 85° W 70 lks. dist marked

J. 14, N. R. 13, E. S. 3 B. J.

A Cedar 4 ins. diam. trans.

N 75° W 6 lks. dist. marked

J. 15, N. R. 13, E. S. 34 B. J.

Lands level.

Soil. Sandy 2^d rate.

Jumbo. Cedar & Piñon. 56.50 chs.

S 89° 53' W on a true line

bet. Secs. 3 & 34.

Va. 13° 45' E

In dense Cedar & Piñon

N-Bdy Exterors J. 14 & N. N. R. 13, E.

- chs.
34.00 Leavrs Cedar & Piñon
- 40.00 Set. a Sandstone 18X10X3 ins. 13 ins in the ground. for. $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face. whence A Juniper 18 ins. diam. bears $N8^{\circ}W$ 5.6 lks. dist. marked $\frac{1}{4}$ S. B. J. - A Pine 5 ins. diam. bears $S35^{\circ}E$ 100. lks. dist. marked $\frac{1}{4}$ S. B. J.
- 43.30 Trail. bears Northerly & Southerly
- 48.50 Enter Cedar & Piñon
- 75.60 Trail. bears. N.E. & S.W.
- 80.00 Set. a Sandstone 18X12X5 ins. 13 ins in the ground. for. Cor. to Secs. 2, 3, 4, 33, & 34. marked with 3 notches on E. & W. edges. Whence
A Pine 4 ins. diam. bears $N88^{\circ}E$ 18 lks. dist. marked J. 15, N. R. 13, E. S. 34 B. J.
A Pine 4 ins. diam. bears $S16^{\circ}E$ 49 lks. dist. marked

N. Body Exteriors T. 14 N. R. 13, E.

T. 14. N. R. 13, E. S. 3 B. 1.

A Pine 5 ins. diam. trans.

S 68° W 49 lks. dist. marked

T. 14. N. R. 13, E. S. 4 B. 1.

A Pine 5 ins. diam. trans

N 9° W 60 lks. dist. marked

T. 15. N. R. 13, E. S. 33 B. 1.

Land level.

Soil. Sandy. 2^d rate

Timber Cedar & Pinon 65.50 chs.

September 25, 1893.

S 89° 53' W on a true line

bet. Secs. 4 & 33.

Pa. 13° 45' E

In dense Cedar & Pinon.

17.30 Trail. trans. N.W. + S.E.

40.00 Trail. trans N.W. + S.E.

N-Bdy Exteriors T. 14 N. R. 13. E.

- chs. Set a Sandstone 16x10x5 ins. 11 ins. in the ground. for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on N. face. whence
 A Pine 5 ins. diam. bears. $N19^{\circ}W$
 40 lks. dist. marked $\frac{1}{4}$ S. B. I.
 A Pine 5 ins. diam. bears. $N17\frac{1}{2}^{\circ}W$
 112 lks. dist. marked $\frac{1}{4}$ S. B. I.
- 52.00 Bank bears. N.E. & S.W. descend
- 54.30 Gulch 20 lks wide runs $S.W.$ ^{and}
- 56.00 Opposite bank bears N.E. & S.W.
- 72.00 Bank bears. N.E. & S.W. descend
- 80.00 Set a Sandstone 18x14x5 ins 13 ins in the ground. for Cor. to Secs 4.5, 32 & 33. marked with 4 matches on E. & 2 matches on W. edges whence A Pine 6 ins. diam. bears. $N62^{\circ}E$ 62 lks. dist. marked T. 15, N. R. 13. E. S. 33. B. I.
 A Pine 5 ins. diam. bears

N. Body
Exteriors T. 14 N. R. 13. E.

chs. S 2° E 32 lks. dist. marked
T. 14. N. R. 13. E. S. 4. B. T.
A Cedar 4 ins. diam. bears.
S 32° W 13 lks. dist. marked
T. 14. N. R. 13. E. S. 5. B. T.
A Cedar 4 ins. diam. bears.
N 27° W 44 lks. dist. marked
T. 15. N. R. 13. E. S. 32. B. T.
Land rolling,
Soil. gravelly. 2^d rate.
Timber Cedar & Piñon, 80. chs.

S $89^{\circ} 53'$ W. on a true line
but. Secs. 5 & 32.
Va. $13^{\circ} 45'$ E

In dense Cedar & Piñon. ascend

1.30 Bank bears. N.E. & S.W.
9.50 Bank bears. N.E. & S.W. descend

N-Bdy

Exteriors. T. 14 to N. R. 13. E.

16.25	Gulch 10 lks wide runs S.W. ascend
19.00	Bank trans. N.E. & S.W.
26.56	Banks of Willow Cañon trans. N.W. & S.E. ^{descend}
40.00	Set a Sandstone 18x10x5 ins. 13 ins in the ground. for. $\frac{1}{4}$ Sec Cor. Marked $\frac{1}{4}$ on N. face, and raised a mound of Stone $1\frac{1}{2}$ ft. high. 2 ft. base, alongside. pits impracticable.
49.70	Enter bottom
50.00	Enter bed of Willow Cañon runs. N.W.
51.78	Leave bed of Willow Cañon runs. N.W. ^{ascend}
62.70	Opposite bank trans. N.N.W. & S.S.E.
77.50	Bank trans. N. & S. descend
80.00	Set a Sandstone 20x11x4 ins 15 ins in the ground. for. Cor. to Secs. 5, 6. 31x32, marked with 5 notches on E. and 1 notch on W. edges. Whence. A Pine 14 ins. diam. trans. N 85 $\frac{1}{2}$ E 77 lks. dist. marked

Exteriors T. 14 & 15. N. R. 13. E.

T. 15. N. R. 13. E. S. 32. B. I.

A Double Pine 18 ins. diam. bears.

S 36 $\frac{1}{4}$ ° E 90 lks. dist. marked

T. 14. N. R. 13. E. S. 5. B. I.

A Pine 8 ins diam. bears.

S 1° W 55 lks. dist. marked

T. 14. N. R. 13. E. S. 6 B. I.

A Pine 10 ins. diam. bears.

N 35° W. 86 lks. dist. marked

T. 15. N. R. 13. E. S. 31 B. I.

Land. Very rough & broken

Soil rocky 4 $\frac{1}{2}$ rate

Timber Cedar & Pine 80.00 obs.

S 89° 53' W. on a true line

bet. Secs. 6 & 31

Ya. 13° 45' E.

.50 Pine 20 ins. diam. on line. marked

Exteriors J. 14 N. N. R. 13. E.

- Chs. with 2 matches on E. & W. Sides
- .80 Gulch 10 lks. wide. runs. North^{ward}ly
- 5.50 Opposite bank bears. N. & S.
- 8.00 Enter Cedar & Piñon.
- 12.00 Banks bears N.W. & S.E. descend
- 22.80 Gulch 20 lks. wide runs. N.W. ^{ward}
- 33.10 Ridge bears N. & S. descend
- 40.00 Sandstone rocks in place 40 x 22 x 18
ins. above ground. for $\frac{1}{4}$ Sec Cor. I
mark point with a cross thus +
 $\frac{1}{4}$ on N. side. Whence A Pine 8 ins.
diam. bears. N 6° E 42 lks. dist.
marked $\frac{1}{4}$ S. B. I. - A Pine 7 ins.
diam. bears. S 17° W 26 lks. dist.
marked $\frac{1}{4}$ S. B. I. - descend
- 46.20 Clear Creek Cañon 110 lks wide
runs. North^{ward}ly. then N.N.E. ascend
- 55.40 Opposite bank bears. N. & S.
- 91.55 Gulch 10 lks. runs. S. S. E.

N-Bdy

Extriors J. 14 & 15, N. R. 12, E.

chs.
 94.50 The Cor. to Sp. 14 & 15, N. R. 12 & 13, E.
 Land very rough & broken
 Soil stony & rocky. 3^d & 4th rate
 Timber Cedar & Pine 86.50 chs.
 September 26, 1893.

West. end true line.
 bet. Secs. 1 & 36.
 Va. $13^{\circ}45' E$

Through Pine timber. Ascend

4.20 Bank. trans. S. S. E. & N. N. W.
 9.60 Trail trans. N. W. & S. E.
 17.70 Enter cedar, leave Pine
 37.70 Leave cedar.
 40.00 Set a sandstone 15 x 10 x 8 ins. 10 ins
 in the ground. for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face. whence a Pine 6 ins
 diam. trans $S 42^{\circ} E$ 52 lbs. dist.

N-Bdy
Excursions J. 14 7/8 N. R. 12 E.

- Chs. marked 1/4 S. B.S. - A Pin 7 ins. diam
trans. N 12° W. 38 lks. dist. marked
1/4 S. B.S. -
- 41.80 Trail trans. N.W. + S.E.
- 51.50 Gulch 40 lks. wide runs Southward ^{ward}
- 51.90 Trail trans. N. + S.
- 52.20 Leave bottom & ascend.
- 56.70 Trail trans. N.E. + S.W.
- 62.20 Opposite bank trans. N. + S.
- 62.40 Trail Recross trans. N.W. + S.E.
- 65.90 Recross Trail trans. N.E. + S.W.
- 69.20 Recross Trail trans. N.W. + S.E.
- 78.70 Trail trans. N.W. + S.E.
- 80.00 Set a Sandstone 18x12x5 ins. 18 ins
in the ground. for Cor. to Secs. 1, 2, 35
& 36. marked with 1 notch on E. and
5 notches on W. edges. whence
An Oak 4 ins. diam trans
N 47 1/2 E 50 lks. dist. marked

N. Body

Exteriors. T. 14 N. R. 12. E.

T. 15. N. R. 12. E. S. 36. B. J.

A Pine 5 ins. diam. trees

S 88 $\frac{1}{2}$ ° E 28 lks. dist. Marked

T. 14. N. R. 12. E. S. 1. B. J.

A Pine 6 ins. diam. trees,

S 54° W. 98 lks. dist. marked

T. 14. N. R. 12. E. S. 2. B. J.

A Pine 10 ins. diam. trees.

N 43 $\frac{1}{2}$ ° W 80 lks. dist. marked

T. 15. N. R. 12. E. S. 35. B. J.

Land rough & broken

Soil. gravelly. 3^d rateTimber Pine & Cedar. 37. ⁷⁰chs

Nest. on a tree line

lat. Seas. 2 X 35.

Ya. 13° 45' E.

2.50 Enter Cedar

Bdy

Exteriors T. 14 to ~~the~~ N. R. 12. E.

- | | |
|-------|--|
| cho. | |
| 6.70 | Bank trans. N.W. + S.E., descend. leans east |
| 18.70 | Brush fence trans. N + S. |
| 22.00 | Enter Cedar |
| 22.40 | Trail trans N.W. + S.E. |
| 25.50 | Gulch 10 lks. wide runs S.E. ascend |
| 25.80 | Trail trans. N.W. + S.E. |
| 39.80 | Bank trans N.W. + S.E. |
| 40.00 | Set a Sandstone 18x10x4 ins. 13 ins
in the ground. for $\frac{1}{4}$ Sec. Cor. marked
$\frac{1}{4}$ on N. face. whence. A Pine 12 ins.
diam. trans. N5°E. 114 lks. dist.
marked $\frac{1}{4}$ A. B.T. - A Pine 18 ins.
diam. trans. S60°E 65 lks. dist.
marked $\frac{1}{4}$ A. B.T. - |
| 43.00 | Opposite bank trans. N.W. + S.E., descend |
| 47.50 | Gulch 10 lks. wide runs S.E. ascend |
| 60.00 | Bank trans. N.W. + S.E. |
| 68.90 | Pine 14 ins. diam. on line. marked
with 2 matches on E. + W. Sides |

N-Bdy

Exteriors. T. 14 & 15 N. R. 12. E.

- 75.70 Wagon road trans. N.N.W. + S.S. E.
- 76.50 Trail trans. N.N.W. + S.S. E.
- 80.00 Set a Sandstone 18x15x6 ins. 13 ins
in the ground. for. Cor. to Secs. 2, 3, 34 &
35. with 2 notches on E. and 4 notches
on W. edges. Whence -
- A Pine 20 ins. diam. trans.
N45°E 73 lks. dist. marked
T. 15. N. R. 12. E. S. 35. B. J.
- A Pine 22 ins. diam. trans.
S66°E. 38 lks. dist. marked
T. 14. N. R. 12. E. S. 2 B. J.
- A Pine 23 ins. diam. trans
S23°W. 29 lks. dist. marked
T. 14. N. R. 12. E. S. 3 B. J.
- A Pine 12 ins. diam. trans.
N76°W 116 lks. dist marked
T. 15. N. R. 12. E. S. 34 B. J.
- Land rough & broken

N-Bdy

Exteriors. J. 14. 7/7 N. R. 12, E.

chs. Soil Stony. 3^d x 4^d rate,
Timber. Pine & Cedar, 62.20 chs.

West. on a true line

bet. Secs. 3. & 34.

7.65 In Pine ^{Var. 13° 45' E} Oak and Cedar timber
Pine 18 ins. diam. on line marked

with 2 watches on E. & W. Sides

18.00 Entire Cedars & leaves Pine

19.30 Bank trans. N.W. & S.E.

22.00 Leaves Cedars & Entire Pine

23.25 Gulch 10 lbs. wide. runs S.E. ascend

29.50 Opposite bank trans. N.W. & S.E.

30.80 Bank trans. N.W. & S.E. descend

35.70 Gulch 10 lbs. wide runs S.E. ascend

39.00 Opposite bank trans. N.W. & S.E.

40.00 Set a sandstone 18x14x12 ins 13
ins. in the ground. for. 1/4 Sec Cor.

N-Bdy

Exteriors: T. 14. N. R. 12. E.

- chs. Marked $\frac{1}{4}$ on N. face, whence an
Oak 4 ins. diam. trans
S 12° W. 45 lks. dist. marked
 $\frac{1}{4}$ S. B.T. - A Pine 5 ins diam. trans
N. 41° E. 34 lks. dist. marked $\frac{1}{4}$ S. B.T.
- 45.20 Pine 20 ins. diam. on line marked
with 2 notches on E. & W. Sides
- 59.80 Bank trans. N.W. & S.E. descend
- 72.70 Gulch 20 lks. wide runs S.E. ascend
- 80.00 Set a Sandstone $18 \times 9 \times 5$ ins. 13 ins
in the ground. for Cor. to Secs. 3, 4
33, & 34. Marked with 3 notches
on E. & W. edges. whence
A Pine 14 ins. diam. trans.
N 27° E. 60 lks. dist. marked
T. 15. N. R. 12 E. S. 34. B.T.
A Pine 14 ins. diam. trans.
S 87° E. 63 lks. dist. marked
T 14. N. R. 12. E. S. 3. B.T.

Exteriors. T. 14 & N. R. 12. E.

chs. A Pine 6 ins. diam. bears.
 S $73^{\circ} \frac{1}{2}$ W 82 lbs. dist. marked
 T. 14. N. R. 12. E. S. 4 B.T.
 A Pine 13 ins. diam. bears.
 N 21° W. 25 lbs. dist. marked
 T. 15. N. R. 12. E. S. 33. B.T.
 Land. broken
 Soil. Sandy & gravelly. 2^d & 3^d rate
 Timber. Pine & Oak & Cedar 80.00 chs.
 September 27. 1893.

West. on a true line
 bet. Secs. 4. & 33.
 Va. $13^{\circ} 45'$ E

In heavy Pine & Oak timber
 16.45 Gulch 10 lbs. wide runs N.E. ascend
 19.20 Bank bears. S.W. & E.
 40.00 Set. a Sandstone $20 \times 11 \times 10$ ins. 15 in.

N-Bdy

Exteriors T. 14 N. R. 12. E.

- Chs. in the ground. for. $\frac{1}{4}$ Sec Cr. Marked
 $\frac{1}{4}$ on N. face. whence a Pine 20 ins
 diam. bears. $S56^{\circ}W$. 48 lks. dist.
 Marked $\frac{1}{4}$ S. B. T. - An Oak 6 ins.
 diam. bears. $N50^{\circ}E$ 44 lks. dist.
 marked $\frac{1}{4}$ S. B. T. -
- 42.30 Brush fence bears. N. + S.
- 63.50 Wagon Road. to Winslow bears. $NN\frac{1}{2}E$ + SSW
- 71.70 Pine 37 ins. diam. on line. marked
 with 2 notches on E. + W. sides
- 75.50 Wagon Road to Winston bears. $N\frac{1}{2}E$ + $S.W.$
- 80.00 Set a Sandstone $28 \times 20 \times 8$ ins. 20
 ins. in the ground. for. Cr. to Secs.
 4.5, 32. + 33. Marked with 4 notches
 on E. + 2 notches on E. edges. whence
 A Pine 15 ins. diam. bears.
 $N85^{\circ}E$. 85 lks. dist. marked
 T. 15. N. R. 12. E. S. 33 B. T.
 An Oak 5 ins. diam. bears.

Exteriors. T. 14 $\frac{1}{2}$ N. R. 12, E.

chs. S $8\frac{1}{2}$ E 66 lks. dist. marked
T. 14, N. R. 12, E. S. 4 B.S.

A Pine 18 ins. diam. bears.

S $58\frac{1}{2}$ W 119 lks. dist. marked
T. 14, N. R. 12, E. S. 5, B.S.

An Oak 10 ins. diam. bears.

N 33° W. 30 lks. dist. marked
T. 15, N. R. 12, E. S. 32 B.S.

Land, nearly level

Sail, Sandy 2^d Mate

Timber heavy Pine & Oak 80 chs.

West. on a true line
but. Dec. 5th 32
Va. $13^{\circ}45'E$

In heavy Pine & Oak timber
20.35 Pine 22 ins. diam. on line mark
with 2 notches on E. & W. side

N-Bely

91.

BOOK 1317

38

Exteriors. T. 14 & 15. N. R. 12. E.

40.00	Set a Sandstone 18x10x5 ins. 13 ins. in the ground. for. $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on N. face. Whence a Pine 14 ins. diam. bears. N 12° E 45 lks. dist. marked $\frac{1}{4}$ S B.S. - An Oak 6 ins. diam. bears. S 58° W 51 lks. dist. marked $\frac{1}{4}$ S. P.S. -
50.80	Banks bears. N.N.W. & S.S.E. descend
54.50	Gulch. 10 lks wide runs. N.N.W. ascend
56.00	Ridge bears. N. & S. descend
57.70	Gulch 10 lks. wide runs. N.N.E. ^{ascend}
62.50	Opposite bank bears. N. & S.
80.00	Set a Sandstone 18x12x5 ins. 13 ins. in the ground: for. Cor. to Secs. 5. 6. 31 & 32. marked with 5 notches on E. and 1 notch on Wedges Whence. An Oak 6 ins. diam. bears. N $33\frac{1}{2}^{\circ}$ E 118 lks. dist. marked T. 15. N. R. 12. E. S. 32 B.S.

21
N-Bdy

BOOK 1317 92.

Exteriors. T. 14 N. R. 12 E.

chs. A Pine 20 ins. diam. bears
S 56° E 84 lks. dist. marked
T. 14. N. R. 12. E. S. 5. B. T.
An Oak 7 ins. diam. bears
S 56° W. 40 lks. dist. marked
T. 14. N. R. 12. E. S. 6. B. T.
An Oak 6 ins. diam. bears
N 46° W 53. lks. dist. marked
T. 15. N. R. 12. E. S. 31. B. T.
Land level.
Soil gravelly & stoney 3^d rate,
Timber heavy Pine & Oak. 80. chs.

Nest. on a tree limb
bet. Secs. 6 & 31.

Yr. 13° 45' E

In heavy Pine & Oak timber,
9.25 Wagon Road. bears. N.E. & S.W.

N-Bdy

Exteriors. T. 14 N. R. 12. E.

chs.	
40.00	Set a Sandstone 20x12x4 ins. 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on N. face when a Pine 20 ins. diam. bears S 61° E. 40 lks. dist. Marked $\frac{1}{4}$ S. B. S. - An Oak 10 ins. diam. bears N 7° W. 40 lks. dist. Marked $\frac{1}{4}$ S. B. S. -
63.70	Bank bears. N. + S. descend
67.90	Gulch. 10 lks. wide runs. N. ascend
82.50	Opposite bank bears. N. + S.
94.50	Bank. bears. N.W. + S.E. descend
97.20	Gulch. 10 lks. wide runs. N.W. ^{ascend}
102.47	Intersect. W. boundary of Sp.
9.50	chs. N. of the Cor. to Sp.
	148.15. N. R. 11. E. A Post. firmly set and properly marked and Witnessed, as described in the notes furnished by the Surveyor General. I obliterate the marks

N-Bdy

Exteriors T. 14. N. R. 12. E.

on the past, and witness trees.

referring to Tps on the East. -

At aforesaid intersection, I set a
Sandstone 18 x 11 x 5 ins. 13 ins in
the ground. for. Closing Cr. to
Tps. 14 & 15 N. R. 12. E. marked
C.C. on E. with 6 notches on N,
E. & S. Sides. Whence -

A Pine 14 ins. diam. bears.
N 64° E. 82 lks. dist. marked
T. 15. N. R. 12. E. S. 31 B.S.

An Oak 8 ins. diam. bears.
S 63° E 61 lks. dist. marked
T. 14. N R. 12. E S. 6. B.S.

A Pine 13 ins. diam. bears.
S 46° W 40 lks. dist. marked
C.C. T. 14 & 15. N. R. 12. E. B.S.
Land, nearly level.

Soil. gravelly & stones 2^d & 3^d rates,
Timber Heavy Pine & Oak, 102.47 lbs.
Sept. 28. 1893.

N. Bdy

Exteriors T 15. N R. 12. E.

From the Cor. to Tps. 15. & 16. N,
Rs. 12. & 13. E. as recently
Established by me. I run,
West, on a true line,

bet. Secs. 1 & 36.

Va. $13^{\circ}45'E$.

In dense Pine & Cedar timber.

- 16.50 Leave timber
17.00 Bank bears N.E. & S.W. descend
18.15 Enter bottom
19.95 Trail bears N.E. & S.W.
23.50 Leave bottom & ascend
25.50 Enter timber
27.50 Opposite bank bears N.E. & S.W.
40.00 Set a malpais stone $20 \times 11 \times 4$ in
15 ins. in the ground. for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N. face. Whence
A Pine 8 ins. diam. bears $S29^{\circ}E$
31 lks. dist. marked $\frac{1}{4}$ A. B. S.

~~85~~
N-Body

96.

BOOK 1317

Exteriors, T. 15 N. R. 12. E.

- chs. A Pine 5 ins. diam. bears, N 26° E
18 lks. dist. marked 1/4 S. B.S.
- 61.00 Trail bears. N.E. + S.W.
- 77.20 Trail bears. N.E. + S.W.
- 80.00 Set a Mulpais Stone 20 x 12 x 5 ins. 15
ins in the ground. for. Cor. to Secs. 1, 2
35. + 36. Marked with 1 match on
E. & 5 matches on W. edges. where.
A Pine 10 ins. diam. bears
N 76° E. 108 lks. dist. marked
T. 16. N. R. 12. E. S. 36. B.S.
- A Pine 4 ins. diam. bears.
S 40° E 45 lks. dist. marked
T. 15, N. R. 12. E. S. 1. B.S.
- A Pine 5 ins. diam. bears
S 25° W 52 lks. dist. marked
T. 15. N. R. 12. E. S. 2 B.S.
- A Pine 7 ins. diam. bears.
N 73° W 109 lks. dist marked

N-Bdy

36

Exteriors. T. 15 & 16 N. R. 12. E.

chs. T. 16. N. R. 12 E S. 35. B.S.
 Land level
 Soil. Sandy. 2^d rate
 Timber Pine & Cedar. 71.00 chs.

Nest. on a true line.
 bet. Secs. 2 & 35.
 Va. $13^{\circ}45'E$.

In dense Pine & Cedar

- 19.95 Trail. bears. N.E. & S.W.
- 21.60 Pine 10 ins. diam. on line marked
with 2 notches on E. & W. Sides
- 39.70 Bank bears. N.E. & S.W. descend
- 40.00 Set a Malpais Stone 16x10x6 ins. 11 ins
in the ground. for $\frac{1}{4}$ Sec. Cor.
 "Marked $\frac{1}{4}$ on N. face. where
 A Pine 9 ins. diam. bears $S1^{\circ}E$
 11 lbs. dit. marked $\frac{1}{4}$ S. B.S. -

Exteriors. T. 15 & 16. N. R. 12. E.

- Chs. A Pine 5 ins. diam. bears. N 9° W
20 lks. dist. marked 1/4 S. B. J.
- 40.40 Enter bottom
- 40.90 Trail bears. N.E. & S.W.
- 41.70 Leave bottom & ascend
- 43.00 Opposite bank bears. N.E. & S.W.
- 80.00 Set a Malpais Stone 20x12x6 ins. 15
ins. in the ground. for. Cor. 15. Secs.
2, 3, 34. & 35. Marked with 2
notches on E. and 4 notches on
N. edges. whence
- A Cedar 12 ins. diam. bears.
N 40° E 64 lks. dist. marked
T. 16. N. R. 12. E. S. 35. B. J.
- A Pine 6 ins. diam. bears.
S 70° E. 87 lks. dist. marked
T. 15. N. R. 12. E. S. 2. B. J.
- A Pine 8 ins. diam. bears.
S 22 1/2° W 150 lks. dist. marked

N-Bdy

99.

BOOK 1317

382

Exteriors: T. 15. N. R. 12. E.

Chs. T. 15 N. R. 12. E. S. 3 P. 1.

A Pine 9 ins. diam. bears

N58°W. 168 lks. dist. marked

T. 16. N. R. 12. E. S. 34 P. 1.

Land level.

Soil. gravelly. 2^d rate.

Timber Pine & Cedar, 80.00 chs.

on a true line
West ^{on a true line} bet. Secs. 3 & 34.

Ya. 13°45'E.

In dense Pine & Cedar

19.55 Bank bears N.N.E. + S.S.W. down

21.50 Gulch 20 lks. wide runs N.N.E.

22.40 Wagon Road to Winslow bears N.N.E.

22.80 Leaves bottom + ascend, where top ^{none}

40.00 Set a Malpais Stone 16x10x6 ins 11
ins. in the ground. for 1/4 Sec. Cor,
marked 1/4 on N. face. - whence

Exteriors. T. 15 N. R. 12. E.

chs. A Pine 6 ins. diam. bears S 48° W 17 lks
dist. marked $\frac{1}{4}$ S. P.S. - A Pine 4 ins
diam. bears N 35° W 7 lks. dist. marked
 $\frac{1}{4}$ S. P.S. -

76.00 descend

80.00 Set a Malpais Stone 22x16x5 ins 16.
ins. in the ground. for Cr. & Secs.

3, 4, 33, & 34, marked with 3
notches on E. & W. edges. whence

A Pine 6 ins. diam. bears.

N 30° E 30 lks. dist. marked
T. 16, N. R. 12, E. S. 34. P.S.

A Pine 11 ins. diam. bears

S 70° E. 16 lks. dist. marked
T. 15, N. R. 12, E. S. 3 P.S.

A Pine 7 ins. diam. bears

S 83° W 40 lks. dist. marked
T. 15, N. R. 12, E. S. 4. P.S.

A Pine 8 ins. diam. bears.

N Bdy

Exteriors. T. 15 1/2 N. R. 12. E.

chs. N 54° W 54 lks. dist, marked
T. 16. N. R. 12. E. S. 33 B.T.

Land rolling.

Soil gravelly & stony. 2^d & 3^d sec.

Timber. Pine & Cedar. 80.00 chs.

September 29. 1893.

West. on a true line.

6 1/4 Sec. 4 X 33.

Tr. 13° 45' E.
by Pine and Cedar timber

1.50 Leave Pine & Cedar & Enter bottom

7.80 Trail bears N.W. & S.E.

23.45 Trail bears N.W. & S.E.

26.00 Enter Pine & Cedar

40.00 Set a Malpais Stone 16 X 11 X 6 ins. 11

ins. in the ground, for 1/4 Sec. Cor

marked 1/4 on N. face, whence a

Pine 5 ins. diam. bears S 23° W

44 N-Bdy

102.

BOOK 1317

Exteriors. J. 15 N. R. 12. E.

chs. 27 lks. dist. marked $\frac{1}{4}$ S. B.I. -
A Pine 6 ins. diam. bears. N 26° W
20 lks. dist. marked $\frac{1}{4}$ S. B.I. -

76.30 Entire bottom

76.70 Trail bears N.E. & S.W.

76.80 Leaves bottom

80.00 Set a Malpais Stone 16 x 11 x 5 ins. 11
ins. in the ground. for Cor to Secs.
4.5. 32. & 33. Marked with 4 Notches
on E. and 2 notches on W. edges. where

A Pine 7 ins. diam. bears.

N 74° $\frac{1}{2}$ E 45 lks. dist. marked
J. 16. N. R. 12. E. S. 33 B.I.

A. Pine 6 ins. diam. bears.

S 26° $\frac{1}{2}$ E 53 lks. dist. marked
J. 15. N. R. 12. E. S. 4. B.I.

A Pine 5 ins. diam. bears.

S 70° W. 33. lks. dist. marked
J. 15. N. R. 12. E. S. 5. B.I.

N-Bdy

Exteriors. T. 15. N. R. 12. E.

chs. A Pine 5 ins. diam. bears.
 N 53° W 26 lks. dist. marked
 T. 16. N. R. 12. E. S. 32. B. T.
 Land level
 Soil sandy. 2^d rate
 Timber Pine & Cedar 55.50 chs.

West, bet. ^{S. 32.} 5. & 32. on a true line
 Va. $13^{\circ}45'E$

In Pine & Cedar timber

5.70 Trail bears. N.W. & S.E.
 24.60 Bank bears. N. & S. cleared
 29.30 Gulch. 20 lks. wide runs N. ^{1/4} Sec.
 36.50 Opposite bank bears. N. & S.
 40.00 Set a Malpais Stone 25x8x6 in 18
 ins. in the ground. for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ on N. face. when a
 Pine 6 ins. diam. bears. $18^{\circ}E 33$.

~~43~~ N - Bdy

104.

BOOK 1317

Exteriors. T. 15 N. R. 12. E.

- chs. lks. dist. marked $\frac{1}{4}$ S. D. T. - A Pine
10 ins. diam. bears. N86°W 20 lks
dist. marked $\frac{1}{4}$ S. D. T. -
- 55.00 Bank bears. N.E. & S.W. descend
- 60.70 Enter bottom & trail bears N.E. & S.W.
- 60.85 Gulch 60 lks. wide runs N.E. this is
called "Jack's" Cañon.
- 61.60 Leave bottom & ascend
- 61.80 Trail bears. N.E. & S.W.
- 65.00 Ridge bears. N. & S. descend
- 68.20 Gulch 10 lks. wide runs S.E. ascend
- 80.00 Set a Malpais Stone 20x11x8 ins, 15 ins
in the ground. for. Cr. to Desc. 5. 6. 31 &
32. marked with 5. notches on E. &
1 notch on W. edges. whenever
A Pine 12 ins. diam. bears
N39°E 43 lks. dist. marked
T. 16. N. R. 12. E. S. 32, B. T.
A Pine 10 ins. diam. bears.

N Bdy

105.

BOOK 1317

44

Exteriors T. 15 N. R. 12. E.

chs. S 57° E 40 lks. dist. marked

T. 15. N. R. 12. E. S. 5 B.S.

A Pine 6 ins. diam. bears

S 7° W. 19 lks. dist. marked

T. 15. N. R. 12. E. S. 6. B.S.

A Pine 8 ins. diam. bears

N 56° W 11 lks. dist. marked

T. 16. N. R. 12. E. S. 31. B.S.

Land, rough.

Sail Stormy. 3^d rate

Timber Pine & Cedar 80.00 chs.

West, on a true line

but. Secs. 6 X 31.

Va. 13° 45' E.

In dense Pine & Cedar. ascend

10.00 Enter high mesa bears N & S.

40.00 Set a malpais stone 16 X 13 X 4 ins

Exteriors. T. 15. N. & N. R. 12. E.

- chs. 11 ins. in the ground. for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ on N. face. whence a Pine
 4 ins. diam. bears $N 65^{\circ} W$, 8 lks dist
 marked $\frac{1}{4}$ S. B.T. - A Cedar, 6 ins.
 diam. bears $S 57^{\circ} E$, 47 lks. dist.
 marked $\frac{1}{4}$ S. B.T. -
 75.00 Leave Pine & Cedar
 84.50 Va. $19^{\circ} 0' E$. Caused by presence of Volcanic rock
 96.90 Trail. bears. N.W. & S.E.
 100.76 Intersect W. boundary of Sp. 9, 84
 chains. N. of the Cor. to Sp. 15 & 16.
 N. R. 11. E. A Post. firmly set &
 properly marked & witnessed, as
 described in the field notes furnished
 by the Surveyor General. -
 I obliterate the marks on the
 post, and witness trees, referring
 to Sp. on the East. -
 At the above intersection I
 set a Malpais Stone $18 \times 12 \times 6$ ins.

N-Bdy

107.

BOOK 1317

#6

Exteriors. T. 15 & 16. N. R. 12. E.

Chs. 13 ins in the ground. for Closing
Cor. to Sps. 15 & 16. N. R. 12. E.

marked C.C. on E. with 6 notches
on N. E. & S. faces. whence
A Pine 6 ins. diam. bears.

N 20° E 145 lks. dist. marked
T. 16. N. R. 12. E. S. 31 B.S.

A Pine 7 ins. diam. bears

S 68½° E 210 lks. dist. marked
T. 15. N. R. 12. E. S. 6. B.S.

A Pine 10 ins. diam. bears.

S 62° W. 385 lks. dist. marked

C.C. Sps. 15 & 16. N. R. 12 E B.S.

Land. nearly level.

Sail. Stormy & rocky 4th & 5th nate

Timber Pine & Cedar 75 chs.

September 30. 1893.

47 N-Bdy

108.

BOOK 1317.

Exteriors. T. 15 + 16. N. R. 13. E.

I now proceed to the Cor. to
Tps. 15, + 16. N. R. 12. + 13. E.

heretofore described. —

34' At this Cor. in Latitude $39^{\circ}44'$
N. Longitude $111^{\circ}0'$ W. I tested
my instrument. on the true
meridian. before determined
The solar apparatus, being in
good adjustment. The Vertical
arc, giving the Lat. $39^{\circ}44'$ N.
Corrected for refraction Va. $13^{\circ}46'E$
34
November 27. 1893.

From the Cor. to Tps. 15 + 16. N.
R. 12 + 13. E. I run East on
a random line bet. said Tps.
the Va. being $13^{\circ}46'E$. I set
temporary half mile + mile
corners at each. 40 + 80 chains

N Bdy

Exteriors. T. 15 & 16. N. R. 13. E.

chs. and at 493.50 chains. I intersect the range line. at Cor. to Tps. 15. & 16. N. Rs. 13 & 14. E. a stone firmly set. properly marked & witnessed. by Deputy U.S. Surveyor Philip Cortzen under his Contract No. 27. dated Feby 10. 1893. The correction for the true line will be 13.50 chs. East. per mile. and its true course will be West. —

From the Cor. to Tps. 15. & 16. N. Rs. 13 & 14. E. From.

West, on a true line.

bet. Secs. 1 & 36.

Va. $13^{\circ}46'E$.

over level land. in Pine timber

37.00 Trail. bears. N.W. & S.E.

40.00 Set a Malpais Stone 18x10x5 ins.

49 N-Bdy

110.

BOOK 1317

Exteriors. T. 15 N. R. 13. E.

chs. 13 ins. in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face. whence
A Pine 5 ins. diam. bears $S 89^{\circ} E$
14 lks. dist. marked $\frac{1}{4}$ S. B.T.
A Cedar 12 ins. diam. bears $N 38^{\circ} W$
68 lks. dist. marked $\frac{1}{4}$ S. B.T. -

59.75 Trail. bears. $NE. + S.W.$

80.00 Set a Sandstone $22 \times 9 \times 8$ ins. 16 ins
in the ground. for Cor. to Secs. 1, 2,
35, + 36. marked with 1 notch on
E. and 5 notches on W. edge: whence
A Cedar 6 ins. diam. bears
 $N 30^{\circ} E$ 37 lks. dist. marked
T. 16. N. R. 13. E. S. 36. B.T. -
A Pine 6 ins. diam. bears
 $S 17^{\circ} E$ 62 lks. dist. marked
T. 15. N. R. 13 E. S. 1 B.T.,
A Pine 7 ins. diam. bears
 $S 30^{\circ} W$ 60. lks. dist. marked

N Bdy

111.

BOOK 1317

5d

Exteriors. T. 15 N. R. 13 E. S. 2. B. J.

Chs. T. 15. N. R. 13. E. S. 2. B. J. —
A Pine 8 ins. diam. bears.
N 48° W 92 lks. dist. marked
T 16. N. R. 13 E. S. 35. B. J. —
Land. nearly level.
Soil. gravelly 2^d rate.
Timber. Pine & Cedar, 80. Chs.

West. on a true line

bet. Secs. 2 & 35.

Q Va. 13946' E.
Sp Pine and Cedar timber

28.50 Trail bears. N.E. & S.W.

38.50 Brush. fence bears. N.W. & S.E.

38.70 Trail bears. N.W. & S.E.

40.00 Set a malpais stone 17x12x6 ins
12 ins. in the ground. for 1/4 Sec. Cor
marked 1/4 on N. face. whence
A Pine 8 ins. diam. bears N 48 1/2° W
78 lks. dist. marked 1/4 S. B. J. —

57 N-Bdy

112.

BOOK 1317

Exteriors. T. 15 N. R. 13. E.

- Chs. A Cedar 5 ins. diam. bears S16°W
35. lks. dist. marked 44 S. B. J.
- 59.00 Bank bears N.W. + S.E. descend
- 59.75 Euta bottom
- 62.00 Trail. bears. N.W. + S.E.
- 62.40 Leave bottom bears. N.W. + S.E.
- 70.10 Trail. bears. N.E. + S.W.
- 74.95 Trail. bears. N.E. + S.W.
- 80.00 Set a Malpais Stone 18x12x5 in
13 ins. in the ground. for. Cr. to
Secs. 2. 3. 34x35. marked with 2
notches on E. and 4 notches on
W. edges. whence,
A Pine 12 ins. diam. bears
N37°E 175 lks. dist. marked
T 16. N. R. 13. E. S. 35. B. J.
- A Pine 7 ins. diam. bears
S5°E 71 lks. dist. marked
T. 15. N. R. 13. E. S. 2. B. J. —

N. Bdy

Exteriors. T. 15. N. R. 13. E.

Chs.

A Pine 8 ins. diam. bears

S 72° W 54 lks. dist. marked

T. 15. N. R. 13. E. S. 3. B.T. —

A Pine 14 ins. diam. bears

N 66° W 177 lks. dist. marked

T. 16. N. R. 13. E. S. 34. B.T. —

Land. nearly level.

Soil. sandy & gravelly 2^d rate.

Timber. Pine & Cedar 80. Chs.

November. 28, 1893.

West. on a true line

bet. Secs. 33 & 34.

In Ditch ^{Var.} 1346' E
and Cedar Timber

- 10.25 Gulch 10 lks. wide. runs N.E.
- 29.55 Gulch 10 lks. wide runs N.E. ^{asend}
- 35.40 Banks bears. N.E. & S.W. into mesa
- 40.00 Set a malpais Stone 18x10x6 ins. 13
ins. in the ground. for $\frac{1}{4}$ Sec Cor.

~~83~~

N-Bdy

114.

BOOK 1317

Exteriors. T. 15. N. R. 13. E.

- Chs. marked $\frac{1}{4}$ on N. face, whence
 A Pine 15 ins. diam. bears $S 70^{\circ} E$
 5. lks. dist. marked $\frac{1}{4}$ S. B.T.
 A Pine 9 ins. diam. bears $N 61^{\circ} W$
 77 lks. dist. marked $\frac{1}{4}$ S. B.T.-
- 51.25 Trail, bears. N.W. + S.E.
- 80.00 Malpais Stone $16 \times 10 \times 4$ ins. 11 ins.
 in the ground. for Cor. to Rees.
 S. 4. 33. + 34, marked with 3 notches
 on E. + W. edges, whence
 A Pine 10 ins. diam. bears
 $N 78\frac{1}{2}^{\circ} E$ 111 lks. dist. marked
 T. 16. N. R. 13. E. S. 34. B.T.-
 A Pine 6 ins. diam. bears
 $S 25\frac{1}{2}^{\circ} E$ 125 lks. dist. marked
 T. 15. N. R. 13. E. S. 3. B.T.-
 A Pine 4 ins. diam. bears
 $S 14^{\circ} W$ 176. lks. dist. marked
 T. 15. N. R. 13. E. S. 4. B.T.

N-Bdy

Exteriors. T. 15 N. R. 13. E.

Chs. A Cedar 8 ins. diam. frans
 N 20° W 292 lks. dist. marked
 T. 16. N. R. 13. E. S. 33. B.S.
 Land. nearly level.
 Soil. gravelly. 2^d + 3^d rate
 Timber Pine + Cedar 80 lks.

West, on a tree line.

bet. Secs. 4 + 33.

In Pine ^{va. 13th 46'} and Cedar Timber

11.16 Right bank of Clear Creek Cañon
 runs. NW, + SE. descend and
 leave ^{west} Timber

16.10 Clear Creek Cañon, 80 lks. wide runs. NW.

20.00 along S. slope Cañon. descend

23.50 Recross Clear Creek Cañon 80 lks. wide runs.
 S. S. W. ascend

29.00 Right bank Clear Creek Cañon frans. NE + SW.

34.65 Right bank Clear Creek Cañon frans. N + S. ^{descend}

40.00 Set. a Malpais Stone 20 x 11 x 6 in 15.

Exteriors. T. 15 N. R. 13. E.

Chs. ins in the ground. for 1/4 Sec. Gr.
Marked 1/4 on N. face. and raised
a mound of stone 1 1/2 ft. high 2 ft
base. along side. Pits impracticable
No trees within limits.

45.80 Clear Creek Cañon 80 lks. wide runs N. ^{ascend}

58.00 Left bank Clear Creek Cañon. trans. N. by E. + S.
and enter timber

59.50 Bank trans. N.E. + S.W. descend

62.20 Gulch 20 lks. wide runs N.E. ascend

65.00 Opposite bank. trans. N.E. + S.W. auto more

80.00 Set a malpais Stone 17 x 11 x 5 ins. 12
ins. in the ground. for Cor. to Secs.

4. 5. 32. & 33. marked with 2
natches on W. and 4 natches on
E. edges. whence

A Cedar 4 ins. diam. trans
N 44° 30' E 21 lks. dist. marked
T. 16. N. R. 13. E. S. 33. B. 5.

A Pine 6 ins. diam. trans

N-Bdy

Exterious. T. 15 N. R. 13. E.

Chs. S43°30'E 21 lks. dist. marked
T. 15. N. R. 13. E. S. 4. B.S. —

A Pine 7 ins. diam. bears
S32°30'W 36 lks. dist. marked

T. 15. N. R. 13. E. S. 5. B.S. —
A Pine 5 ins. diam. bears.

N70°30'W 115 lks. dist. marked
T. 16. N. R. 13. E. S. 32. B.S.

Land. Very rough + precipitous
Soil. rocky + stony 4th 5th rate.
Timber Pine + Cedar 33¹⁶/₃₂ chains

by a true line.
Next, out. Secs. 5 + 32.

34.00 ^{Sp. Pine and Cedar timber}
S. Va. 13°46'E
Sulch 20 lks. wide runs northwly

34.30 Trail. bears N.E.S.

40.00 Sandstone in place 36x24x12 ins
above ground. which I mark
with Cross thus + 44 on N. face

N-Bdy

Exteriors. T. 15. N. R. 13. E.

- ch
64 chs. for $\frac{1}{4}$ Sec. Cor. whence
71. A Pine 6 ins. diam. bears N10°E
77. 13 lks. dist. marked $\frac{1}{4}$ S. B.T. -
77. A Pine 4 ins. diam. bears S17°E
78. 36 lks. dist. marked $\frac{1}{4}$ S. B.T. -
- 80 42.00 opposite bank bears N. + S. into mesa
- 6800 Bank bears N.W. + S.E. descend
- 70.00 Enter bottom
- 71.05 Trail. bears N.W. + S.E.
- 72.50 Leave bottom + ascend
- 77.80 Bank. bears N.W. + S.E.
- 80.00 Set a malpais stone 18x10x5 ins. 13.
ins. in the ground. for Cor. to Secs.
5, 6, 31 & 32. marked with 5,
notches on E. + 1 notch on W.
edges. whence
- A Pine 12 ins. diam. bears
N70°E 84 lks. dist. marked
T. 16. N. R. 13. E. S. 32. B.T. -

N-Bdry

119.

BOOK 1317.

58

Exteriors T. 15. N. R. 13. E.

Chs.

A Pine 5 ins. diam. beans

S 45° E 133 lks. dist. marked

T. 15. N. R. 13. E. S. 5. B.S. —

A Pine 5 ins. diam. beans

S 39° 30' W 80 lks. dist. marked

T. 15. N. R. 13. E. S. 6. B.S. —

A Pine 8 ins. diam. beans

N 75° 30' W 76 lks. dist. marked

T. 16. N. R. 13. E. S. 31. B.S. —

Land. nearly level

Soil. gravelly 2^d + 3^d rate.

Timber Pine + Cedar 80 chs.

West. on a true line

Int. Recs. 6 x 31.

In Pine and Cedar timber
Enter bottom.

17.15

17.90

18.65

Trail. beans. N.E. + S.W.

Leaves bottom beans. N.E. + S.W. ascend

11
7
7

~~59~~

N Bdy

120.

BOOK 1317

Exteriors. T. 15. 4 N. N. R. 13. E.

6	Ch. 32.75	Trail. bears N.E. + S.W.
7	38.35	Pine 12 ins. diam. on line, marked with 2 notches on E. + W. sides.
7	53.00	Wagon Road to Winston bears N. N.E. + S.S.W.
7	53.50	Set a Sandstone 18X11X10 ins. 13 in in the ground. for. 1/4 Sec. Cor. marked 1/4 on N. face. whence A Pine 8 ins. diam. bears S 72° E 14 lks. dist. marked 1/4 S. B.T. - A Pine 5 ins. diam. bears. N 33 1/2° E 47 lks. dist. marked 1/4 S. B.T. -
7	72.00	Learn Cedar + Piñon
7	75.50	Trail. bears. N.E. + S.W.
7	77.70	Enta Cedar + Piñon
7	93.50	The Cor. to Tps. 15. + 16. N. R. 12. + 13. E. Land. lived. Soil. sandy + gravelly 2 ^d rate. Timber. Pine + Cedar 87.80 chs.

November. 29. 1893.

48 miles, 16 chains, and 32
links, of the foregoing Exterior
lines, run through heavy
Pine timber, and dense
Cedar, Piñon and Juniper
timber and brush.

Daniel Drummond
U.S. Deputy Surveyor