

Powers.
Amended Subdivision.
T. 4 N. - R. 1 E.

No- 14

4-671

FIELD NOTES
GENERAL LAND OFFICE.
No. 1.

14

No- 14

Field Notes
of the Amended Survey of the
Subdivision lines
of
Township 4 North, Range 1 East
of the
Principal Base and Meridian
in the
Territory of Arizona
as surveyed by
Ridgeley C. Fowers
U. S. Deputy Surveyor
Under his Contract No.

Dated Jan. 2, 1892 and
Special instructions dated July 28th
1894

Survey commenced Sept. 1, 1894
Survey completed Sept. 7, 1894

Names and Duties of
Assistants.

Ridgeley C. Powers Jun. Chairman
Edward H. Bridwell Chairman
David Mac Axema

115

BOOK 14

(4-874.)

Township 4 N. - R. 1 E.

Index for Books 14 and 15

6	98	5	72	4	56	3	39	2	21	1
96	95	71	55	37	19					
7	94	8	69	9	53	10	36	11	18	12
92	91	68	52	35	16					
18	89	17	66	16	50	15	33	14	14	13
87	86	45	49	32	13					
19	84	20	63	21	47	22	30	23	11	24
82	81	62	46	29	9					
30	79	29	61	28	45	27	27	26	8	25
78	76	60	43	26	6					
31	75	32	58	33	41	34	24	35	4	36

No-14

10

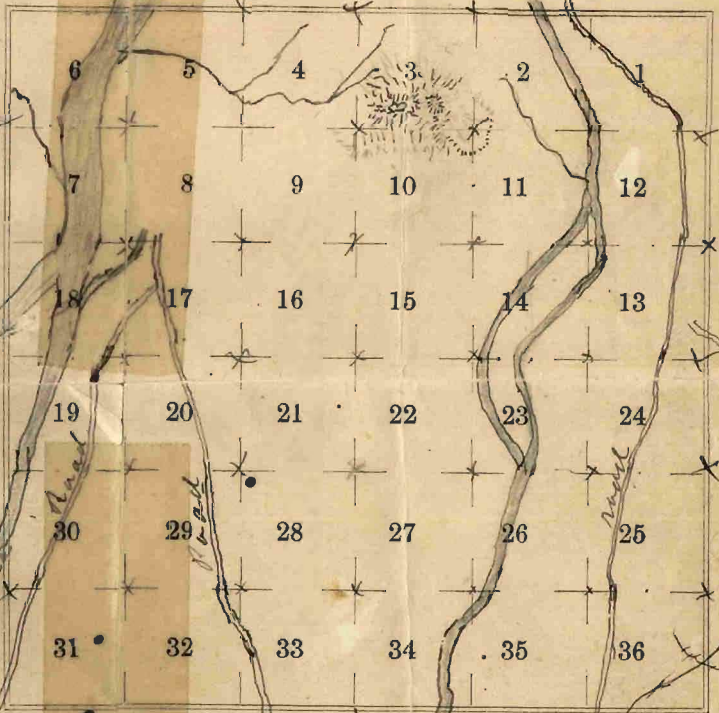
(4-874.)

Township

4 N R. 1 E

BOOK

14



6-389

10 Amended Surv. of Sub. Lines of

Chains. Survey commenced September 1st 1894, with a Burt Solar Compass, with variation and Latitude arcs reading to single minutes, divided circle reading to single minutes with two Verniers.

Previous to commencing the subdivision of this Township I go to the Cor. to Sps. 3 & 4 N. Rs. 1 and 2 E, which is a stone $\sim 12 \times 12 \times 8$ ins. above ground marked with 6 notches on N. S. E. and W. on each edge, with pits $24 \times 18 \times 12$ in lengthwise on each line N. S. E. and W. 6 ft dist. and a mound of Earth $2\frac{1}{2}$ ft high

J. H. N. R. / E.

5 ft base alongside. At this Cor. I test the adjustments of my Compass and find them correct.

Having set my compass over the Sp. Cor. I find the latitude to be $33^{\circ}39'$ N., Long. $112^{\circ}9'$ W. by calculation by Table 8 page 96 and the magnetic bearing $13^{\circ}19'$ W. The va. of the needle therefore is $13^{\circ}19'$ E.

Previous to beginning the subdivision of this Township, and in conformity with instructions from the Surveyor General dated July 28, 1894 I destroyed all Sec. and $\frac{1}{4}$ Sec. Corners previously set by me on the south and east boundaries

Amended Survey of Sub^m lines
of this Township,

At 3 o'clock P. M. Sept. 1. 1894
From the Township Cor. I run
North on East boundary of
Sec. 36

Na. $13^{\circ}19'E$.

and at 40.01 Chs. find $\frac{1}{4}$ sec
Cor. 1 link W. of my line. The
bearing of the east boundary of
the Tp. is therefore North, I
return to the S. E. Cor. of Tp. &
from it I run $S. 89^{\circ}45' W.$
along S. bdy. of Sec. 36

Na $13^{\circ}19'E$.

at 39.99 find $\frac{1}{4}$ sec. Cor. set by
Deputy Martineau 1 link N.
and at 80.01 Chs. find the

J. H. N. R. 1 E.

Cor. to Secs. 1, 2, 35, 36 2 lks. S.
of my line. The course of the
South Bdy, is therefore S. 89° 45' W.
My chain agrees practically
with previous survey,

I commence at the cor. to Secs.
1, 2, 35, 36, which is a stone
11 x 10 x 9 ins. above ground
mkd. with 1 notch on E. and 3
notches on W. edges, with pits
18 x 18 x 12 ins. in each sec. 5 1/2 ft
dist, and mound of earth 2 ft
high 4 1/2 ft base alongside
Thence I run

N. 0° 1' W. bet. Secs. 35 & 36

Var. 13° 19' E.

How set a post 3 ft long 3 ins. square

Amended Survey of Subrd lines

Chains with marked Stone 12 ins. in the ground for $\frac{1}{4}$ sec. Cor. Mk'd. $\frac{1}{4}$ S on N. face, dug pits 18 x 18 x 12 ins N. & S. of post $5\frac{1}{2}$ ft dist. and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post

80.00

Set a post 4 ft long 4 ins square with mk'd. Stone 12 ins in the ground for cor. . 65

Secs. 25, 26, 35, 36 marked

T. 4 N. S. 25 on N. E.

R. 1 E. S. 36 on S. E.

S. 35 on S. W. and

S. 26 on N. W. faces, with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft dist. and raised a mound

J. H. N. R. 1 E.

of earth 2 ft high $4\frac{1}{2}$ ft base
around post.

Land level

Soil 1st rate - loam

No timber, Dense brush

N. $89^{\circ}45'$ E. on random line
bet. Secs. 25 & 36

Va. $13^{\circ}19'$ E.

4000
80.20

Set temp. $\frac{1}{4}$ sec. corner
Intersect E. bdy. of Tps. 20 lks.
S. of cor. to Secs. 25, 30, 31, 36,
which is a stone, $10 \times 10 \times 9$ ins
above ground, marked with 1
notch on S. and 3 notches on
N. edges, with pits $18 \times 18 \times 12$
ins. in each Sec. $5\frac{1}{2}$ ft dist.
and mound of earth 2 ft high
 $4\frac{1}{2}$ ft base alongside.

Amended Survey of Sub^m lines

Thence I run

S. 89° 36' W. on a true line

bet. Secs. 25 & 36

Pa. 13° 19' 8.

40.10-

Set a post 3 ft long 3 ins. sq. with mkd. stone 12 ins. in the ground for 1/4 sec. cor. mkd. 1/4 S. on N. face, dig pits 18x18x12 ins. E. & W. of post 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft high 3 1/2 ft base around post.

55.40

Road, bears N. 20° W.

80.20

The Cor. to Secs. 25. 26. 35. 36

Land level

Soil 1st rate

No timber. Dense brush

J. H. R., 1 E

N. 0° 1' W. bet. Secs. 25 & 26

Va. 13° 19' E.

4000 Set post 3 ft long 3 ins. sq. with mkd. Stone 12 ins in the ground for $\frac{1}{4}$ Sec. Cor. mkd. $\frac{1}{4}$ S. on W. face. deep pits 18 x 18 x 12 in. N. & S. of post $5\frac{1}{2}$ ft dist. and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

8000 Set post 4 ft long 4 ins. sq. with mkd. Stone 12 ins in the ground for Cor. to Secs. 23. 24 25. 26 marked

J. H. S. 24 on N. E.

R. 1 E. S. 25 on S. E.

S. 26 on S. W. and

S. 23 on N. W. faces, with 2 notches on S. and 1 notch on E

Amended Survey of Sub^{co} lines

edges, dug pits $18 \times 18 \times 12$ ins
in each Sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
2 ft high $4\frac{1}{2}$ ft base
alongside.

Land level

Soil 1st rate

No timber. Dense brush.

N. $89^{\circ} 36'$ E. on a random
line bet. Secs. 24 & 25

Va. $13^{\circ} 19' 8$.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.10 Interest E. boundary of Sp.
at the cor. to Secs. 19, 24, 25
30, which is a post 4 ins. sq.
in a rnd. of earth, mkd
T. 4 N. S. 19 on N. E.

J. H. R. 1 Co.

R. 2 E. S. 30 on S. E.

S. 25 on S. W. and

S. 24 on N. W. face, with 2
notches on S. and 4 notches
on N. edges, and pits $18 \times 18 \times$
 12 ins. in each sec. $5\frac{1}{2}$ ft dist.
and mound 2 ft high $4\frac{1}{2}$ ft
base around post.

Thence I run

S. $89^{\circ} 36'$ W. on a true line
bet. Secs. 24 & 25

Var. $13^{\circ} 19'$ E.

40.05 Set a post 3 ft long 3 ins. sq,
with mkd. stone 12 ins. in the
ground for $\frac{1}{4}$ sec. Cor. mkd.
 $\frac{1}{4}$ S on N. face, dug pits $18 \times$
 18×12 ins. E. & W. of post $5\frac{1}{2}$
ft dist. and raised mound
of earth 2 ft high $4\frac{1}{2}$ ft base

Amended Survey of Sub^{cn} lines
around post

43.40 Road, bears N. & S.

80.10 The Cor. to Secs. 23, 24, 25, 26

Land level

Soil 1st rate

No timber; dense brush

N. $0^{\circ}1'W$. Sect. Secs. 23 & 24

Var. $13^{\circ}19'E$.

40.00 Set post 3 ft long 3 ins. sq.
with mkd. Stone 12 ins. in the
ground for $\frac{1}{4}$ sec. Cor. marked
 $\frac{1}{4}$ S. on W. face, dug pits $18 \times$
 18×12 ins. N. & S. of post $5\frac{1}{2}$
ft. dist. and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post.

of J. H. W. R., 1 E.

Four Set post 4 ft. long 4 ins.
sq. with notched stone 12 ins
in the ground for *Peromyscus* Decs.

13, 14, 23, 24 Marked

J. H. W. S. 13 on N. E.

R. 1 E. S. 24 on S. E.

S. 23 on S. W. and

S. 14 on N. W. faces, with
3 notches on S. and 1 notch
on E. edges. Dig pits 18 x 15 x 12
ins. in each Dec. 5 1/2 ft dirt,
and raised mound of earth
2 ft high 1 1/2 ft base
around post.

Land level

Soil 1st rate

No timber. Dense brush

Sept. 1, 1894

Amended Survey of Sub^m lines

N. $89^{\circ}36' E$, on a random
line bet. Secs. 13 & 24

Var. $13^{\circ}19' E$.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.00 Fortwrest E. bdy. of Tps. at
the cor. to Secs. 13, 18, 19, 24
which is a post 4 ins. square
marked with

T. 4 N. S. 18 on N. E.

R. 28 S. 19 on S. E.

R. 1 E. S. 24 on S. W. and

S. 13 on N. W. faus. with

3 notches on S. & N. Edges,

and pits $18 \times 18 \times 12$ ^{ins} each

Sec. $5\frac{1}{2}$ ft dist, and mound
of earth 2 ft high $4\frac{1}{2}$ ft base
around post. Thence I run

S. $89^{\circ}36' W$. on a true line

bet. Secs. 13 & 24

J. 4 N. R. 1 E.

Na. 13° 19' E.

4000. Set post 3 ft long 3 ins. sq, with mtd. stone 12 ins. in the ground for 1/4 sec. Cor. mtd. 1/4 S. on N. face, dry pits 18 x 18 x 12 ins. E. & W. of post 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft base around post.

55.574 Road to Phoenix bears N 10° E
 80.04 The cor. to Decs. 13. 14 23

24.

Land level

Soil, no rate

No timber. Dense brush

N. 0° 1' W. bet. Decs. 13 & 14

Na. 13° 19' E.

4000. Set post 3 ft long 3 ins. sq, with mtd. stone 12 ins. in the

Amended Survey of Sub^m lines of
ground for $\frac{1}{4}$ Sec. Cor. marked,
 $\frac{1}{4}$ S on N. face, dug pits 18x
18x12 ins. N. & S. of post $5\frac{1}{2}$
ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post.

61.25 Cross E. branch of New River
120 cks wide, Course S. 15° W.

80.00 Set post 14 ft long, 4 ins. sq,
with mkd. Stone 12 ins. in the
ground for Cor. to Secs. 11, 12,
13, 14, mkd

J. 14 N. S. 12 on N.E.

R. 1 E. S. 13 on S.E.

S. 14 on S.W. and

S. 11 on N. W. face, with
4 notches on S. and 1 notch
on E. edges. Dug pits 18x18
x12 ins. in each Sec. $5\frac{1}{2}$ ft.

J.H.N. R. 1 E.

dist. and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base around post.

Land level

Soil gravelly, 2nd rate
No timber. Dense brush.

N. $89^{\circ} 36' E.$ on a random line
bet. Secs. 12 & 13

N. $13^{\circ} 19' E.$

40.00 Set temp. $\frac{1}{4}$ Sec. cor.

80.04 Interset E. boundary of Sp.
10 lks. N. of Cor. to Secs. 7, 12
13, 18, which is a stone about
 12×10 ins. above ground marked
with 4 notches on S. and 2
notches on N. edges, dug pits
 $18 \times 18 \times 12$ ins. in each Sec.

Amended Survey of Sub^o lines

5 1/2 ft dist. and mound of earth 2 ft high 4 1/2 ft base alongside. Thence I run

S. 89° 40' W. on a true line

bet. Secs. 12 & 13

Va. 13° 19' E.

18.80 a Wagon road, bears N. & S.

40.02 Set post 3 ft long 3 ins. sq. with mkd. Stone 12 ins. in the ground for 1/4 Sec. Cor, mkd. 1/4 S on N. face. dug pits 18 x 18 x 12 ins. E. & W. of post 5 1/2 ft dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft base around post.

76.50 Enter E. bank of New River, dry bed, 90 yds wide, course South.

of J. L. W., R., & E.

80.04 The cor. W Secs. 11, 12, 13, 14

Land level

Soil 1st rate

No timber, Dense brush

N. 0° 1' W. bet. Secs. 11 & 12

Pa. 13° 19' E.

Along ^{the} border of New River, in wash

40.00 Set stone 10 x 8 x 7 ins y ins in
the ground for 1/4 Sec. cor. mtd.

1/4 on W. face. Dug pits 18 x
18 x 12 ins N. & S. 3 1/2 ft. dist.

and raised a mound of stone
and earth 1 1/2 ft high 3 1/2 ft
base alongside

80.00 Set a boulder 12 x 8 x 8 ins.

8 ins. in the ground for Cor. W
Secs. 1, 2, 11, 12 mtd. with 3

Amended Survey of Sub^a lines

notches on S. and 1 notch
on E. edges, and raised a
mound of stones $1\frac{1}{2}$ ft high
2 ft base alongside. Pts
impracticable.

Land, river bed & bottom
Soil, gravel & Stone & oaks.
No timber. Dense brush.

N. $89^{\circ}40'E$. on random line
bet. Secs. 1 & 12

Pa. $13^{\circ}19'E$.

40.00 Set turnp. $\frac{1}{4}$ Sec. Cor.

80.09 Intersect E. boundary & lks.
N. of Cor. to Secs. 1, 6, 7, 12
which is a stone about 12 x
10 ins. above ground mkd.
with 5 notches on S. and 1

of J. H. N. R. 1 E.

Notch on N. edges, with pits
 $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$
 ft. dist, and mound of
 Earth 2 ft high $4\frac{1}{2}$ ft base.
 Thence I run

S. $89^{\circ} 43'$ W. on a true line
 bet. Secs. 1 & 12

Var. $13^{\circ} 19'$ E.

2190 Wagon road, bears N. & S.

40.04 Set post 3 ft long 3 ins. square
 with mkd. Stone 12 ins. in the
 ground for $\frac{1}{4}$ sec. Cor. mkd.
 $\frac{1}{4}$ S. on N. face, dug pits 18
 $\times 18 \times 12$ ^{ins} E. & W. of post $5\frac{1}{2}$
 ft. dist. and raised mound
 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft ^{base around post}

73.40 Enter dry bed of New River
 course South.

8009 The Cor. to Secs. 1, 2, 11, 12

Armed Survey of Sub^{con} lines
Land level

Soil gravelly - 3rd rate
No timber. Dense brush.

N. $0^{\circ} 1' W$, on a true line bet.
Dec. 14 2

N. $13^{\circ} 19' E$.

- 10.70 Leave New River bottom
40.00 Set a post 3 ft long 3 ins.
sq. with mkd. Stone 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.
mkd. $\frac{1}{4}$ S. on W. face. Dig
pile 18 x 18 x 12 ins. N. & S. of
post $5\frac{1}{2}$ ft dist. and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.
78.20 Wagon road, bears N. $15^{\circ} W$,
& S. $15^{\circ} E$.

of J. H. N. R. 1 E.

48.66

Intersect 1st Standard
Parallel North 40 links, E.
of Standard Cor, W Secs. 35
& 36. As this cor, was
nearly obliterated, I re-est-
-ablished it as follows:-

Set post 4 ft long 4 ins. sq.
with Inkd, Stone 12 ins. in
the ground for Standard
Cor, W Secs. 35 & 36, marked
S. C. J. 5 N. R. 1 E. on N.
S. 36 on E. and S. 35 on W.
faces, with 1 notch on E. &
5 notches on W. edges. dug
pits 18 x 18 x 12 ins N. E. & W.
of post 5 1/2 ft dist. and
raised a mound of earth 2
ft high 4 1/2 ft base around
post.

Amended Survey of Sub. lines

I set a post 4 ft long
4 ins. square with mkd. stone
12 ins. in the ground for closing
Cor. W. Sec. 1 & 2 mkd.

C. C. T. 4 N. R 1 E. on S.

S. 1 on E. and S. 2 on W. faces,
with 1 notch on E. and 3
notches on W. edges faces,

Dug pits 18 x 18 x 12 ins. on S.

E. and W. of post $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft
base around post.

Land level

Soil gravelly, 2nd rate
No timber. Dense brush.

J. L. H. R. 1 E.

From the cor. to Secs. 2, 3, 34
35, which is a stone $11 \times 10 \times 9$ ins
above ground, marked with
2 notches on E. and 4 notches
on W. edges, with pits 18×18
 $\times 12$ ins. in each sec. $5\frac{1}{2}$ ft.
dist. and mound of earth
2 ft high $4\frac{1}{2}$ ft base
alongside, I run

N. $0^{\circ} 1'$ W. bet. Secs. 34 & 35

Var. $13^{\circ} 19' E.$

4000 Set post 3 ft long 3 ins. sq.
with mkd. Stone 12 ins. in the
ground for $\frac{1}{4}$ sec. Cor. mkd.
 $\frac{1}{4}$ S. on W. face, dig pits $18 \times$
 18×12 ins. N. & S. of post $5\frac{1}{2}$
ft. dist. and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside around post.

Amended Survey of Sub^m lines

74.82 Enter dry bed of New River
 79.80 Leave same. Course S¹⁵° W.
 80.00 Set post 4 ft long of 4 ins. sq,
 with mkd. Stone 12 ins, in the
 ground for cor. to Sec. 26. 27
 34.35 marked

T. 4 N. S. 26 on N. E.

R. 1 E. S. 35 on S. E.

S. 34 on S. W. and

S. 27 on N. W. faces with 1
 notch on S. and 2 notches on
 E. edges. Dig pits 18 x 18 x 12ⁱⁿ
 in each sec. 5 1/2 ft. dist. and
 raised a mound of earth 2 ft
 high 4 1/2 ft base around post.

Land level

Soil 1st rate

No timber. Dense brush

J. H. R. / E.

N. $89^{\circ}45'$ E. on a random line
bet. Secs. 26 and 35

Va. $13^{\circ}19'$ E.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.02 Intersect N. & S. line 12 Ecs.

N. of the Cor. to Secs. 25, 26, 35
36. Thence I run

S. $89^{\circ}5'0''$ W. on a true line
bet. Secs. 26 & 35

Va. $13^{\circ}19'$ E.

40.01 Set post 3 ft Long $3\frac{1}{2}$ in sq.
with mkd. Stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. mkd.
 $\frac{1}{4}$ S. on N. face, dig pits $18 \times$
 18×12 ins. E. & W. of post $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

74.25 Enter dry bed of New River

Amended Survey of Sub^m line

course South

78.00 Leave Same

80.02 The cor. to Secs. 26, 27, 34, 35-

Land level

Soil 1st rate

No timber, dense brush

N. $0^{\circ} 1' W$. bet. Secs. 26 & 27Va. $13^{\circ} 19' E$.

46.00 Set post 3 ft long 3 ins. dia,
with mkd. stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor, mkd.
 $\frac{1}{4}$ S. on W. face. Dig pits $18 \times$
 18×12 ins. N. & S. of post $5\frac{1}{2}$
ft. dist. and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post

80.20 Set a post 4 ft long 4 ⁱⁿ

J. 4 N. R. 1 E.

Square with mked. Stone 12 ins
in the ground for cor. to locs.
22, 23, 26, 27, marked

J. 4 N. S. 23 on N. E

R. 1 E. S. 26 on S. E.

S. 27 on S. W. and

S. 22 on N. W. faces, with
2 stakes on S. & E. edges.

Dug pits 18 x 18 x 12 ins. in
each Sec. 5 1/2 ft. dist. and
raised a mound of earth
2 ft high 4 1/2 ft base
around post.

Land level

Soil 1st rate

No timber. Dense brush

Sept. 2, 1894

Amended Survey of Sub^m lines

N. $89^{\circ} 50' E$. on random ~~over~~
random line bet. Secs. 23 & 26

Va. $13^{\circ} 19' E$.

46.00 Set temp. $\frac{1}{4}$ Sec. Cor.

79.98 Intersect N. & S. line at the
cor. to Secs. 23, 24, 25, 26

Thence I run

S. $89^{\circ} 50' W$. on a true line

bet. Secs. 23 and 26

Va. $13^{\circ} 19' S$.

39.99 Set post 3 ft long 3 ins. Sq,
with mkd. Stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor, mkd,
 $\frac{1}{4}$ S. on W. face, dig pits $18 \times$
 18×12 ins. E. & W. of post $5\frac{1}{2}$
ft. dist. and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post.

40.16 Dry bed of New River.

J. H. J., R. 1, S. 14

BOOK

30

46175 Leave same, Course S.

79.98 The cor. to Secs. 22, 23, 26, 27

Land level

Soil 1st rate

No timber, Dense brush

N. 0° 'W, bet. Secs. 22 & 23

" " Va. $13^{\circ} 19' E$.

46000 Set post 3 ft Long 3 ins. Dg,
with mkd, Stone 12 ins. in
the ground for $\frac{1}{4}$ Sec. Cor.
Mkd. $\frac{1}{4}$ S. on W, face, dug
pit 18 x 18 x 12 ins. N. & S. of
post $5\frac{1}{2}$ ft. dist, and
raised a mound of earth $1\frac{1}{2}$
ft high $3\frac{1}{2}$ ft base around
post.

Amended Survey of Sub^m lines

80.00 Set post 4 ft long 4 ins. sq,
with wk'd. stone 12 ins. on the
ground for cor. to Sec. 14, 15
22, 23, marked

S. 14 N. S. 14 on N.E.

R. 1 E. S. 23 on S.E.

S. 22 on S.W. and

S. 15 on N.W. faces, with
3 notches on S. and 2 notches
on E. edges, Set pits 18x18x
12 ins. in each sec. 5 1/2 ft
dist. and raised a mound
of earth 2 ft. high 4 1/2 ft.
base around post.

Land level

Soil, 1st rate

No timber. Dense brush.

J. H. N. R. & E.

N. $89^{\circ}50'E$, on random line
bet. Secs. 14 and 23

Va. $13^{\circ}19'E$.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect N. & S. line 15 Cks.

N. of Cor. to Secs. 13, 14, 23, 24

Thence I run

S. $89^{\circ}56'W$, on a true line bet.

Secs. 14 and 23

Va. $13^{\circ}19'E$.

40.10 Set post 3 ft long 3 ins. sq.,
with raked. Stone 12 ins. in the
ground for $\frac{1}{4}$ sec. cor, raked,
 $\frac{1}{4}$ S on N. face, dug pits
18 x 18 x 12 ins. E. & W. of post
5 $\frac{1}{2}$ ft. dist. and raised a
mound of earth $\frac{1}{2}$ ft high
3 $\frac{1}{2}$ ft. base around post.

41.75 Eort's branch of New River

Amended Survey of Subⁿ lines

- 43.25 Leave Same, Course S.
 70.75 Enter W. branch of New River
 74.45 Leave Same, Course S. 12° E.
 80.20 The Cor. to Secs. 14, 15, 22, 23

Land level

Soil 2nd rate

No timber, Dense brush.

N. 0° 1' W. bet. Secs. 14 & 15

Var. 13° 19' E.

- 40.00 Set post 3 ft long 3 ins. sq. with
 mkd. stone 12 ins. in the ground
 for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ S on W,
 face. Dug pits 18 x 18 x 12 ins. N.
 & S. of post $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth $1\frac{1}{2}$
 ft high $3\frac{1}{2}$ ft base around post.
 80.00 Set post 4 ft long 4 ins. sq.

J. H. R. R. 1 E.

with mkd. stone 12 ins. in the
ground for Cor. W. Sec. 10, 11
14, 15, marked

J. H. R. S. 11 on N. E.

R. 1 E. S. 14 on S. E.

S. 15 on S. W. and

S. 10 on N. W. faces,

with 4 notches on S. and 2
notches on E. edges, dug pits
18 x 18 x 12 ins. in each Sec.

5 1/2 ft. dist. and raised a
mound of earth 2 ft high
4 1/2 ft base around post.

Land level

Soil 2nd rate

No timber. Dense brush

Amended Survey of Sub^m lines

N. $89^{\circ}56'E$. on a random line
bet. Secs. 11 & 14

Va. $13^{\circ}19'E$.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.14 Intersect N. & S. line & lks. S.
of cor. to Secs. 11, 12, 13, 14

Thence I run

S. $89^{\circ}58'W$. on a true line
bet. Secs. 11 & 14

Va. $13^{\circ}19'E$.

11.75 Enter W. branch of Run River

16.25 Leave same, Course S. $15^{\circ}W$.

40.07 Set post 3 ft. long 3 ins. dg.
with mkd. stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. mkd. $\frac{1}{4}S$
on N. face. Dig pits $18 \times 18 \times$
12 ins. E. & W. of post $5\frac{1}{2}$ ft
dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft

J. H. R. 10,

BOOK 14

36

base around post.

An Ironwood 14 ins. diam.,

bears N. W. 38 E. dist.

marked $\frac{1}{4}$ S. B. T.

80.14 The Cor. to Secs. 10, 11, 14, 15

Land level

Soil 2nd rate

No timber, dense brush

N. 0° W, bet. Secs. 10 & 11

Va. 13° 19' E.

40.00 Set a post 3 ft long 3 ins. sq. with inked. Stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. Inked. $\frac{1}{4}$ S. on W. face. Dig pits 18 x 18 x 12 ins. N. & S. of post $5\frac{1}{2}$ ft. dist, and raised mound of earth $1\frac{1}{2}$ ft.

Amended Survey of Sub. lines

- High $3\frac{1}{2}$ ft. base around post,
 59.70 Begin to ascend gravelly mesa.
 68.80 Base of mountain. Ascend.
 80.00 About 100 ft above base.

Set Stone $10 \times 8 \times 8$ ins. $7\frac{1}{2}$ ins
 in the ground for cor. to Secs.

2, 3, 10, 11 marked with 3 notches
 on S. end 2 notches on E. edges.

and raised a mound of stones
 $1\frac{1}{2}$ ft high 2 ft base alongside.

Pits impracticable.

Land broken

Soil $5\frac{1}{2}$ 1^{st} rate $12\frac{1}{2}$ 3^{rd} rate

No timber, dense brush.

N. $89^{\circ} 53'$ E. on a random line

bet. Secs. 2 & 11

Pa. $13^{\circ} 19'$ E.

of J. H. N. R. / Co.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.04 Intersect N. & S. line 10 chs.

N. of Cor. W Secs. 1, 2, 11, 12

Thence I run

S. $89^{\circ} 5' 7''$ W. on a true line

bet. Secs. 2 & 11

Var. $13^{\circ} 19' 8''$

0.25 Leave dry bed of New River.

40.02 Set post 3 ft long 3 ins.

Sq. with rkd. Stone 12 ins.
in the ground for $\frac{1}{4}$ Sec. Cor.

rkd. $\frac{1}{4}$ S. on N. face, dug
pits 18 x 18 x 12 ins. E. & W.

of post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. base
around post.

443.75 - Arroyo, Course S. E.

67.00 Base of mountain. Ascend

73.00 Top of Spur, 100 ft high.

Amended Survey of Sub^m lines

80.04 The cor. to Secs. 2, 3, 10, 11

Land broken

Soil 3^o rate

No timber, dense brush

N. $0^{\circ} 1' 00''$ on a true line bet,

Secs. 2 and 3

Var. $13^{\circ} 19' 00''$ E.

along rocky slope of mountain.

20.75 Descend slope

24.00 Foot of slope, Thence over mesa.

40.00 Set a stone $9 \times 8 \times 7$ ins. 6 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. Marked,
 $\frac{1}{4}$ on N. face, dug pits 18×18
 $\times 12$ ins. N. & S. of stone $5\frac{1}{2}$ ft.
dist. and raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft base
alongside.

of J. L. H. R. 1 E.

79.76 Intusect 7th Standard
Parallel North 46 Chs.
E. of ^{Standard} Cor, W Sec. 34 & 35
which is a stone firmly fixed
and properly marked as
described in the field notes
furnished by the Surveyor
General.

I set a post 4 ft long 4
ins. square with marked
stone 12 ins. in the ground
for closing Cor, W Sec. 2 & 3
Marked

C. C. J. L. H. R. 1 E. on S.
S. 2 on E. and
S. 3 on W. faces, with 2
notches on E. and 4 notches
on W. faces. Log pits 18 x 18 x
12 ins. on S. E. & W. of post

41

Amended Survey of Sub. lines of

5½ ft. dist. and raised a
mound of earth 2 ft high
4½ ft. base around post.

Land level

Soil 2^d rate

No timber, Dense brush.

At the cor. to Secs. 33 & 34
I carefully examine the
adjustment of my compass
and find it in good
adjustment.

From this corner, which
is a stone firmly set, 8 x
8 x 7 ins. above ground, in bed,
with 3 notches on E. & W.
edges, with pits 18 x 18 x 12^{ins}
in each Sec. 5½ ft. dist.

and a mound of earth 2 ft high 4 1/2 ft base alongside
 Iron

N. 0° 2' W, bet. Secs. 33 & 34

Na. 13° 19' E.

40.00 Set a post 3 ft long 3 ins, sq. with mtd. Stone 12 ins in the ground for 1/4 Sec.

Cor. mtd. 1/4 S. on W. face. Dig pits 18 x 18 x 12 ins. N. & S. of post 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft base around post.

80.00 Set a post 4 ft long 4 ins square with mtd. Stone 12 ins. in the ground for Cor. to Secs. 27, 28, 33, 34 mtd.

J. L. N. S. 27 on N. E.

Amended Survey of Sub. lines

R. 1 E, S. 34 on S. E,

S. 33 on S. W, and

S. 28 on N. W, far with
1 notch on S, and 3 notches
on E, edges. Dug pits 18 x 18
x 12 ins. in each Sec. 5 1/2 ft
dist. and raised a mound
of earth 2 ft high 1 1/2 ft base
around post.

Land level

Soil 1st rate

No timber. Dense brush

N. 89° 45' E, on a random
line bet. Secs. 27 & 34

On, 13° 19' E,

44.00 Set temp. 1/4 Sec. cor.

80.16 Intersect N. & S, line at the

J. H. N. P. L. E.

Cor. to Secs. 26, 27, 34, 35

Thence I run

S. $89^{\circ} 45'$ W., on a true line

bet. Secs. 27 & 34

W. $13^{\circ} 19'$ E.

4008

Set a post 3 ft long 3 ins.,
sq., with mtd. Stone 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.
mtd. $\frac{1}{4}$ S. on W. face. Dig
pits $18 \times 18 \times 12$ ins. E. & W. of
post $5\frac{1}{2}$ ft dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

80.16

The Cor. to Secs. 27, 28, 33, 34

Land level

Soil, $1\frac{1}{2}$ rats

No timber. Dense brush

Amended Survey of Sub. lines of

N. $0^{\circ} 2'$ W. Sect. Secs. 27 & 28

Pa. $13^{\circ} 19' E$.

50.00 Set post 3 ft long 3 ins. sq,
with mkd, Stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. Mkd. $\frac{1}{4}$ S
on W. face. Dig pits $18 \times 18 \times$
12 ins. N. & S. of post $3\frac{1}{2}$ ft
dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft,
base around post.

80.00 Set post 4 ft. long 4 ins.,
sq. with mkd; Stone 12 ins.,
in the ground for Cor. W. Secs.
21, 22, 27, 28 marked

J. 4 S. S. 22. on N. E

R. E. S. 27 on S. E.

S. 28 on S. W. and

S. 21 on N. W. face, with
2 notches on S. and 3 notches

on E. edges, dug pits 18x18
x12 ins. in each sec, 3 1/2 ft.
dist, and raised a mound
of earth 2 ft. high 4 1/2 ft.
base around post.

Land level

Soil 1st rate,

no timber, Dense brush.

N. 89° 45' E. on a random
line bet. Secs. 22 & 27

Pa. 13° 19' E.

40.00

Set temp. 1/4 sec, Cor.

79.90

Intersect N. & S. line at the
Cor. to Secs. 22, 23, 26, 27

Thence I run

S. 89° 45' W. on a true line
bet. Secs. 22 & 27

Amended Survey of Sub. lines

Va. 13° 19' E.

39.95 Set post 3 ft long 3 ins. sq,
with mkd. Stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. Intkd.
 $\frac{1}{4}$ S. on N. face. dug pits 18x
18x12 ins. E. & W. of post $5\frac{1}{2}$
ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft base around
post.

39.90

The cor. W Secs. 21, 22, 27, 28

Land level

Soil 1st salt.

No timber, dense brush

N. 0° 2' W. bet. Secs. 21 & 22

Va. 13° 19' E.

40.00 Set post 3 ft long 3 ins. sq,

48
D. J. 4 N. R. 1 E. 14
BOOK

with mkt. stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. mkt. $\frac{1}{4}$ S. on W. face, Dig pits 18x 18x 12 ins. N. & S. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

8000 Set a post 4 ft. long 4 ins. sq. with mkt. stone 12 ins. in the ground for Cor. W Secs. 15, 16, 21, 22 marked

J. 4 N. S. 15 on N. E.

R 1 E S. 22 on S. E.

S. 21 on S. W. and

S. 16 on N. W. face, with 3 notches on S. and 3 notches on E. edges, Dig pits 18x 18x 12 ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound

Amended survey of Sub^m lines of
of earth 2 ft high $4\frac{1}{2}$ ft.
base around post.

Land level

Soil, 1st rate

No timber, Dense brush.

Sept. 3, 1894

N. $89^{\circ}45'E$. on a random
line bet. Secs. 15 & 22

Va. $13^{\circ}19'E$.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. & S. line 16 chs
S. of the cor. to Secs. 14, 15, 22, 23.

Thence I run

S. $89^{\circ}38'W$, on a true line
bet. Secs. 15 & 22

Va. $13^{\circ}19'E$.

40.03 Set a post 3 ft long 3 ins. sq.

with marked Stone 12 ins. in
the ground for $\frac{1}{4}$ Sec. Cor.
Mkd. $\frac{1}{4}$ S. on N. face. Set
posts 18 x 18 x 12^{ins} E. & W. of
post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. base
around post.

80.06 In Cor. to Secs. 15, 16, 21, &
22.

Level level
Soil 1st rate
No timber. Dense brush

N. $0^{\circ} 2' W$. bet. Secs. 15 & 16
Va. 13th 19th 8.

40.00 Set post 3 ft Long 3 ins. sq.
with mkd. Stone 12 ins. in the

Amended Survey of Sub^m lines of

ground for $\frac{1}{4}$ sec. cor. Mkd.
 $\frac{1}{4}$ S. on N. face. Dug pits 18 x
 18 x 12 ins. N. & S. of post
 $5\frac{1}{2}$ ft. dist. and raised a
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

80.00

Set a post 4 ft long 4 ins.
 sq. with mkd. Stone 12 ins.
 in the ground for cor. to
 Secs. 9, 10, 15, 16, marked

T. 4 N. S. 10 on N. E,

R. 1 E. S. 15 on S. E,

S. 16 on S. W, and

S. 9 on N. W. faces, with 4
 notches on S. and 3 notches
 on E. edges. Dug pits 18 x 18
 x 12 ins in each sec. $5\frac{1}{2}$ ft. dist.
 and raised a mound of
 earth 2 ft high $4\frac{1}{2}$ ft base

J. H. R. / E.

around post

Land level

Soil 1st rate

No timber, dense brush

N. $89^{\circ} 38' E.$ on a random line
bet. Secs. 10 & 15

Va. $13^{\circ} 19' E.$

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.16 Intersect N. & S. line 20 cks.

N. of Cor. to Secs. 10, 11, 14, 15

Thence I run

S. $89^{\circ} 47' W.$ on a true line
bet. Secs. 10 & 15

Va. $13^{\circ} 15' E.$

40.08 Set post 3 ft long 3 ins. sq,
with wk'd. Stone 12 ins. in
the ground for $\frac{1}{4}$ Sec. Cor.

Amended Survey of Sub. lines of
marked $\frac{1}{4}$ S. on N. face,

Dug pits 18 x 18 x 12 ins. E. &
W. of post $5\frac{1}{2}$ ft. dist.
and raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft
base around post.

80.16 The Cor. to Secs. 9, 10, 15, 16

Land level

Soil 2nd rate

No timber. Dense brush.

N. $0^{\circ}2'$ W, bet. Secs. 9 & 10

Va. $13^{\circ}19'8$.

4000 Set a post 3 ft. long, 3 ^{ins} sq.
with mkd. stone 12 ins. in the
ground for $\frac{1}{4}$ sec. cor. Mkds.
 $\frac{1}{4}$ S. on W. face. Dug pits 18 x
18 x 12 ins. N. & S. of post $5\frac{1}{2}$

J. H. R. P. 1 E.

72.50
80.00

ft. dist, and raised a
mound of earth 1/2 ft high
3/2 ft base around post

Foot of mt. Asand
About 50 ft above mesa
Set a stone 10x8x4 ins. 7 ins
in the ground for Cor. to Sec.

3.4.9.10 marked with 3
notches on S. and 3 notches
on E. edges, and raised a
mound of stones 1 1/2 ft high
2 ft. base alongside. Pits
impracticable

Land uneven

Soil 2nd rate - gravelly
No timber. Dense brush.

Amended Survey of Sub^m lines

N. $89^{\circ} 47' E$, on a random
line bet. Secs. 3 and 10

Pa. $13^{\circ} 19' E$.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.06 Intersect N. & S. line at the
Cor. to Secs. 2, 3, 10, 11.

Thence I run

S. $89^{\circ} 47' W$, on a true line
bet. Secs. 3 & 10

Pa. $13^{\circ} 19' E$.

along S. slope of mountain

26.00 Top of spur 250 ft high and
descend along W. slope of Mt.

40.03 Set a stone $12 \times 8 \times 6$ ⁱⁿ Pins.
in the ground for $\frac{1}{4}$ sec. Cor.
mkd. $\frac{1}{4}$ on N. face & raised a
mound of stones $1\frac{1}{2}$ ft high
2 ft base alongside. Descend.

of F. 4 N. R. 1 E.

20.00 The Cor. to Secs. 3, 4, 9, 10

Land Mountainous

No Soil

No timber.

N. $0^{\circ} 2' W$. on a true line

bet. Secs. 3 & 4

Va. $13^{\circ} 19' E$.

Along slope of mountain,

40.00 Set a stone $10 \times 8 \times 8$ ins. 7 ins

in the ground for $1/4$ sec. cor.

mkd. $\frac{1}{2}$ on W. face, and

raised a mound of stones

$1/2$ ft high 2 ft base

alongside. Pits impracticable.

43.50 Gulch, course S. $70^{\circ} W$.

50.00 Gulch, course S. W.

79.65^{*} Interest, 1st Stand - Parallel

57

Amended Survey of Sub. lines
 North 41 Ecs. E. of Standard
 Cor. to Secs. 33. & 34 which
 is a stone firmly set and
 properly marked as described
 by the field notes furnished by
 the Surveyor General

I set a stone 10 x 8 x 7 ^{ins}
^{ins} in the ground for closing
 Cor. to Secs. 3 & 4 marked
 C.C. on S. with 3 notches on E
 & W. faces and raised a
 mound of stones 1 1/2 ft high
 2 ft. base alongside. Pits
 impracticable.

Land broken

Soil rocky - 3rd rate

No timber. Dense brush.

At noon I take Latitude

J. 4 N. R. 1 E.

and find it 33° 44' N. I find my instrument in perfect adjustment.

From the Cor. to Secs. 32 & 33 on S. Bdy, which I find in place, and is a post 4^{ins} square marked

J. 4 N. S. 33 on N. E.

R. 1 E. S. 4 on S. E.

J. 3 N. S. 5 on S. W. and

S. 32 on N. W. face, with 2 notches on W. and 4 notches on E. edges, and pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft dist. and mound of earth 2 ft high 4 1/2 ft base around post, I run

Arrounded Survey of Subⁿ lines

N. $0^{\circ} 2'$ or. bet. Secs. 32 & 33

Va. $13^{\circ} 19' E.$

40.00 Set a post 3 ft long 3 ins. sq,
with mkd. Stone 12 ins in the
ground for $\frac{1}{4}$ Sec. cor. mkd.
 $\frac{1}{4}$ S. on N. face, dug pits $18 \times$
 18×12 ins. N. & S. of post $5\frac{1}{2}$
ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post

53.30 Road, bears, N. W. & S. E.

80.00 Set a post 4 ft long 4 ins. sq,
with mkd. Stone 12 ins. in the
ground for Cor. to Secs. 28 & 29

32.30 Marked

T. 1 N. S. 28 on N. E.

R. 1 E. S. 33 on S. E.

S. 32 on S. W. and

S. 29 on N. W. face, with

BOOK 60
14
of T. 4 N. R. 1 E.

1 notch on S. and 4 notches
on E. edges, dug pits 18 x 18 x
12 ins. in each Sec. 3 1/2 ft.
dist, and raised a mound
of earth 2 ft high 4 1/2 ft
base ground post

Land level

Soil 1st rate

No timber. Dense brush

N. 89° 45' E. on a random line
bet. Secs. 28 & 33

N. 13° 19' E.

50.20 Set temp. 1/4 Sec. Cor.

80.08 Intersect N. & S. line at the
Cor. to Secs. 27, 28, 33, 34

Thence I run

S. 89° 45' W. on a true line

Cet. Dec. 28 and 33

Va. 13° 19' E.

40.04 Set a post 4 ft long 3 ins.
sq. with nkd. stone 12 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. nkd.
 $\frac{1}{4}$ S on N. face. Dig pits 18 x
18 x 12 ins. E. & W. of post
 $5\frac{1}{2}$ ft dist. and raised a
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post

80.08 The Cor. to Dec. 28, 29, 32, 33

Land level

Soil 1st rate

No timber

Dense brush

Sept. 4, 1894

Concluded, Book 15.

BOOK 14

170
R
2