1.

No. 416

4–671

FIELD NOTES

GENERAL LAND OFFICE.

Subdivision

Townships 22 N. R. 1 E.

BOOK 416

Index

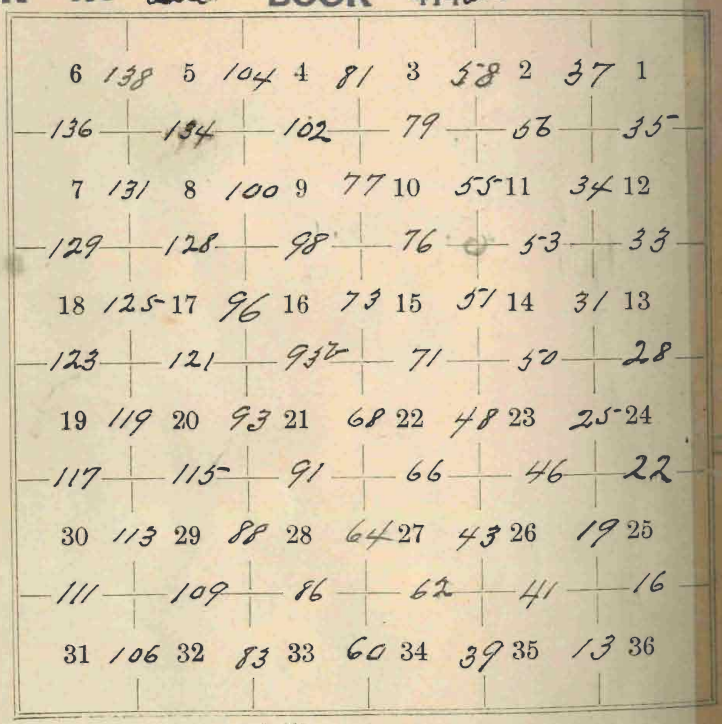
(4—674.)

Township 22 N. R. 4 E.

BOOK 415

Index

BOOK 416 and BOOK 414 and



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BOOK 416

No. 416.

Field Notes
of the survey of the
Sub-division Lines
of
Township No 22 North Range No 4 E
of the
Gila and Salt River Base & Meridian
in the
Territory of Arizona
as surveyed by
Francis W. Dorr
U.S. Deputy Surveyor
Charles E. Perkins
Compassman & U.S. Deputy Surveyor
Under his contract No 31
Dated June 21. 1894.

Survey commenced May 21. 1894
Survey completed May 28. 1894.

BOOK 416

4 pages 2 and 3 are blank.

Subdivisions

Chains. Survey commenced may 24 1894. with a 11" Ed L.E. Gurley Solar transit.

At the cor. to townships 21 & 22 N. Rs 4 & 5 E. at which I found I find a post with mons. partially obliterated lying on the ground, by the NW side of a mound of earth and stone partially buried and pits. nearly filled with trash, the witness trees described in the field note. furnished by the Surveyor General. correct in naming and distance, from this point.

Run the mons. partially obliterated by the action of time

T. 22 N. R 4 E.

Chains. Having set my transit over the position for the township cor. I verify the adjustments of the instrument and find them correct. I set off for 19° 54' N on the declination arc, and at 11h 56m a. m. L. M. T. observe the sun on the meridian; the resulting latitude is 35° 13' N. the true latitude nearly

At 2 h. p. m. L. M. T. I set off for 35° 13' N. on the latitude arc 20° 20' on the declination arc, and determine a true meridian with the solar; the resulting meridian Va of the needle is. N. 16° 28' E

From this township cor I run

Subdivisions

chains N. 0° 46' E. along the E. boundary
of Sec. 36.
Thence 16° 28' E.
And at 9.45 chs. intersect
the South boundary of Tp.
22 N. R. 5 E. at a point
N. 76° 06' E. 3.50 chs. from a cor
established by U. S. Deputy
Surveyor Francis B Jacobs
under his contract No 17.
dated May 25. 1891.
It is a
post 4 ft. above ground mark
T. 22 N. S. 31 on N. E.
R 5 E S. 6 on S. E.
T. 21 N. S. 1 on S. W and
R 4 E. S. 36 on N. W faces with
6 notches on each edge
from which

T. 22 N. R. 4 & 6 E (Contd)

chains

A pine 36 ins diam bs N 35° 16' E 162 lks dist marked T 22 N. R 5 E S 31 B.T.
A pine 20 ins. diam. bs. S 41° E 15 lks dist. marked T 21 N R 5 E. S. 6 B. T.
A pine 18 ins. diam. bs S. 76° W 68 lks. dist. marked. T. 21 N. R. 4 E 8 1 B. T.
A pine 20 ins. diam. bs. N 46° 15' W 51 lks. dist marked T. 22 N. R 4 E S 36 B.T.
At 48.94 chs. a 1/4 sec. cor bs W. 3.41 chs. dist. It is a post firmly set and properly marked and witnessed as described in the field notes furnished by the Surveyor General.

~~At 80 chs. I find a stone firmly set and marked with 5 notches on N and 1 notch on S. edges. and~~

BOOK 416

Subdivisions

Chains. ~~mound of stone along side~~
~~mound partially destroyed.~~
~~From which~~
~~A pine. 16 ins. diam. brs. N. 77°11' E 27~~
~~lks. dist. with marks. obliterated~~
~~by action of time.~~
~~A pine 20 ins. diam. brs. S. 43°16' E. 16~~
~~lks. dist. with marks. obliterated~~
~~by action of time.~~
At. 90.03 chs, the cor to secs.
25. 30. 31 + 36. brs. W. 3.39 chs dist.
It is a post firmly set and
properly marked and witnessed
as described in the field
notes furnished by the
Surveyor General. The
bearing of the range line is
therefore N 0°46' E agreeing
with the notes supplied

T. 22 N. R 4 E. (Contd)

Chains by the Surveyor General.
The chaining is in error
The subdivision lines of
T. 22 N. R. 5 E. from true closed
upon the corners of this township
Thereon I cannot correct the
error in measurement and
it will probably necessitate
closing corners for the
Eastern tier of sections in
T. 22 N. R 4 E.
I now return to the S. E cor
of the township, as established
by U. S. Deputy F. B. Jacobs
under his contract No 17 dated
May 25, 1891.
Thence down N. 89° 51' W and
after diligent search at
each half mile, mile, 1½

Sub-divisions.

Chains. miles. and two miles, I find no trace of corners. I now return to the S.E. cor of the township. to the cor. as described in the field notes. furnished by the Surveyor-General, set by U.S. Deputy J.L. Harris, under his contract No 41 dated July 29 1878

Thence I run N. 89° 51' W along the S. boundary of sec 36 and at 40.02 chs. I find the 1/4 sec. cor. and at 80.01 The cor to secs. 1. 2. 35 & 36 N. 89° 51' W. along the S. boundary of sec. 35. and at 40.04 chs. I find the 1/4 sec. cor. and at ~~79.98~~ 80.08 chs. the cor to secs 2. 3. 34 & 35

T. 22 S. R 4 E (cont'd)

Chains. I now return to the S. E cor of the township which I conclude is without doubt the corner township cor for this township and obliterate all traces of it I reestablish it as follows Set a malpais Stone 16 x 16 x 14 ins 11 ins in the ground for S. E. cor to township 22 S R 4 E marked with 6 notches on S. S. & W edges and raised a mound of Stone 2 ft high 3 ft base alongside from which a pine 23 ins diam bears S 64° 42' W 69 lks dist marked T. 21 S R 4 E. S 1 B. T. a pine 20 ins diam bears N 13° 50' W 72 lks dist marked T. 22 S. R. 4 E. S 36 43 B. T. From this cor the S W cor of T 22 S. R. 5 E. established by U. S.

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Subdivisions—

Chains— Deputy Jacobs W. N. 21°36' W. 9.22 chs. Last from which I obliterate all marks which refer to Surveys on the W.

I commence at the cor to secs. 1. 2 35 and 36. on the S. Boundary of the Tp. I find a post partially decayed, with pits and mound of earth nearly leveled, the bearing trees in good condition as described in the field notes furnished by the Surveyor General. I destroy all trace of the original cor and reestablish it in the original position as follows.

Set a red cinder stone

T. 22 N. R 4 E (cont'd)

Mtains. 14 x 14 x 10 ins. 9 ins. in the ground. For cor to secs. 1. 2. 35 & 36., marked with 1 notch on E and 5 notches on W. edges & raised a mound of stone 1½ ft. high. 3 ft. base alongside from which.

A pine 32 ins. diam. bears N. 16° E 38 links dist. marked T. 22 N. R. 4 E S 2 B.T.

A pine 24 ins. diam. bears S 79° E 49 links dist. marked T. 21 N. R 4 E S 1 B.T.

A pine 36 ins. diam. bears N. 29° W 39 links dist. marked T. 22 N. R 4 E S 35 B.T.

No other trees within limits

Thence N

N. 0° 45' E bet secs. 35 & 36.

Va 16° 28' E.

Over mountainous heavily timbered land

Ascend 200 ft.

Chains. Sub-divisions.

40.00 Set a malpais. Stm. 17X6X14 ins. 12 ins. in the ground for 1/4 Sec Cor marked 1/4 on W. face and raised a mound of stm 1½ ft high 3 ft. base along side from which
A pine 10 ins. diam. Bs. N. 65° 11' E 113 lks. dist. marked 1/4 S. T3.S.
A pine 9 ins diam Brs S. 37° W 103 lks. dist. marked 1/4 S. T3.S.

43.00 Top of ascent, thence along W. slope of mountain

52.00 Descend 200 ft. to

66.45 Foot of descent, thence along W. slope of mountain.

80.00 Set a malpais. Stm 16X12X10 ins. 11 ins. in the ground for cor to Secs. 25. & 30 & 36

Mains. T. 22 N. R 4 E. (cont'd)

marked with 1 notch on L & E edges. and raised a mound of Stone 1½ Ft. high 3 Ft. base along side, from which

a pine 6 ins. diam. bears N. 39° 47' E 72 lks. dist. marked T. 22 N R 4 E S 25 T3.3

a pine 9 ins. diam. bears N. 75° 04' E 56 lks. dist. marked T. 22 N. R 4 E S 36 T3.3

A pine 16 ins. diam. bears N. 13° 18' W 43 lks. dist. marked T. 22 N. R 4 E S. 35 T3.3.

A pine 8 ins. diam bears N 35° 06' W 46 lks. dist marked T. 22 N R 4 E S. 26 T3.3.

Land, mountainous.

Soil, Stony 2nd & 3rd rate.

Timber, pine

Mountainous. or heavily timbered land. 80 chs.

Chains. Sub-divisions

S. 89° 51' E on a true line
bet. secs 25 & 36.
Va 16° 28' E.
Over mountainous & heavily
timbered land
Ascend. 300 ft.
15.00 Top of ridge Ws. N. W. & S. E.
Descend. 200 ft.
27.00 Ravine 30 ft. deep, course
N., thence over wooded
land.
30.00 Ravine 80 ft. deep, course N.
40.00 Set a mal pais stone 14 x 12 x 8
ins. 10 ins. in the ground
for 1/4 Sec. cor. marked 1/4 on
N. face and raised a mound
of stone 1½ ft. high 3 ft.
East alongside from which
A pine 6 ins. diam. Ws. S 51° 12' E

Mains. T. 22 S. R 4 E. (Cont'd)

22 Lks. dist. marked 1/4 S. 73. T.
A pine 19 ins. diam. Bs. S. 41° 16' E 61
Lks. dist. marked 1/4 S. 73. T.
Descend 250 ft.
76.96 Intersect the E. Bdy of the
township. 10.46 Chs. S. of cor
to secs. 25. 30. 31 & 36, which is
a post firmly set and properly
marked and witnessed as described
in the field notes furnished
by the Surveyor General, from
which I obliterate all marks
which refer to Surveys on
the W. ~~I destroy all~~
~~traces of the old cor. as~~
~~herein before described. 3.46~~
~~chs. E of point of intersec~~
~~tion and at point of~~
intersection. See a Malpais.

Chains Sub-divisions

Stone 14x14x8 ins. 10 ins. in the ground for closing Cor. to Secs. 25 & 36. Marked C.C. on W. face. with 6 notches on E. and 1 notch on S. faces. and raised a mound of stone 1½ ft. high 3 ft. base alongside from which

A pine 20 ins. diam. bears N. 71° 05' W. 100 lks. dist. Marked T. 22 S. R. 4 E. S 25 73. T.

A pine 14 ins. diam. bears S. 48° 54' W. 41 lks. dist. Marked T. 22 S. R. 4 E. S 36 73. T.

A pine 14 ins. diam. bears N. 73° 03' E. 60 lks. dist. marked T. 22 S. R. 4 E. C.C. S. 25 & 36. 73. T.

Land, mountainous
Soil, stony 3rd rate
Timber, pine and scrub oak

chains. T. 22 N. R 4 E. (Cont'd)

Mountainous & heavily timbered land. 76.96 chs.

N. 0° 45' E. bet. secs 25 & 26
Va 16° 28' E.

Over mountainous, heavily timbered land.

Ascend. 30 ft.

6.00 Top of ridge. Brs. E & W. and descend 50 ft.

8.45 Dry wash 4 ft. deep, course S. W.

10.00 Road from Williams to Flagstaff. Brs. N. 75° E. and S. 75° W.

Ascend 60 ft.

18.00 Top of ascent, thence over rolling timbered land.

Chains. Sub-divisions.

24.21	Center of Atlantic & Pacific Rail road. Wks. E & W.
26.10	Telegraph line. Wks. E & W.
40.00	Set a malpais stone 14 x 10 x 10 ins. 10 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on W. Found and raised a mound of stone 1 1/2 ft. high 3 ft. East alongside of which a pine 20 ins. diam. Wks. S 41 3/4 W 47 lks. dist. marked 1/4 S. T3. J. A pine 24 ins. diam. Wks. S 89 1/2 W 50 lks. dist. marked 1/4 S. T3. J.
51.00	Old road. Wks. E & W. Ascend. 30 ft.
80.00	Set a malpais stone 19 x 16 x 6 ins. 15 ins. in the ground for cor & secs. 23, 24, 25 & 26 marked with 2 notches on E

Trains. T. 22 N. R 4 E. (Contd.)

and 1 notch on E edges and raised a mound of stone 1½ ft. high. 3 ft. base alongside from which

An Oak 28 ins. diam. bears N. 17° 25 E 38 lks. dist. marked T. 22 N. R. 4 E. S 2 4 B. T.

An Oak 16 ins. diam. bears S. 20° 10' E 12 lks. dist. marked T. 22 N. R 4 E. S. 25 T.B.T.

An Oak 6 ins. diam. bears N. 51° 30' W. 90 lks. dist. marked T. 22 N. R 4 E S 23 T.B.T.

An Oak 8 ins. diam. bears N 6° 50' W. 60 lks. dist. marked T. 22 N. R 4 E. S. 23 T.B.T.

Land, mountainous & broken

Soil, Stony 3rd rate

Timber, Pine ins. and scrub Oak.

Mountainous or heavily timbered land. 80 chs.

Chains Subdivisions

S. 89° 07' E on a true line for
secs. 24 & 25
Ta 16° 28' E.
Own mountains heavily
timbered land.
Ascend 200 ft.
7.00 Top of mountain No. S & S.
and descend 300 ft. to
34.00 Ravine 6 ft. dep. course S.
and ascend 50 ft. &
40.00 Set a malpais stone 14 x 14 x 8
ins. 10 ins. in the ground
for 1/4 Sec. cor. marked 1/4 cor
S. Face and raised a mound
of stone 1½ ft. high 3 ft.
Face along side from which
A pine 18 ins. diam. bears S 5° W.
dist. marked 1/4 S. B. S.
A pine 16 ins. diam. bears N 73

Chains. T. 22 N. R 4 E (Cont)

Brs. dist. marked 1/4 S. 73. T.
Ascend. 40 Pt.
43.00 Top of ridge Brs. N + S. and
descend 50 Pt. to.
56.00 Ravine 6 Ft. deep. cross S.
and ascend 400 Pt. to.
66.00 Top of ridge. Brs. N + S. and
descend 200 Pt. to.
72.00 Ravine 6 Ft. deep. cross S.
and ascend 100 Pt. to.
77.34 Intersect the E. Boundary
of the Tp. 10.95 chs. S. of
the cor. to secs. 19. 24. 25 + 30
which is a post firmly set
and properly marked and
witnessed as described in
the field notes furnished
by the Surveyor General
Obliterate all marks which

Chains. Sub-divisions.

Meander & Survey on the W.
at the point of intersection
Set an Oak post 4 Ft. long
4 ins. square with mound
Stone 12 ins. in the ground.
For closing Cor. to secs.
24 & 25. marked
C. C. T. 22 N. R. 4 E on W.
S. 24 on N. and
S. 25 on S. faces with 4
notches on N. and 2 notches
on S. faces. and raised
a mound of Stone 1½ Ft.
high. 2 Ft. Diameter at base
from which
Alpine 28 ins. diam. bears N. 77° 46' W 48
Ins. dist. marked T. 22 N. R. 4 E. S. 24
B. T.
Alpine 20 ins. diam. bears S. 67° 45' W

Trains. T. 22 N. R 4 E. (Cont.)

65 Lks. dist. marked T. 22 N. R 4 E S 25 B. T.

Apine 10 ins. diam. N. S. 68° 16' E

39 Lks. dist. marked T. 22 N. R 4 E C. C. S. 24 & 25 B. T.

Land, mountainous
Soil, stony 3rd rate.
Timber, pine & scrub oak.
Mountainous or heavily timbered land. 77.34 chs.

N. 0° 45' E. Vt. secs. 23 & 24
Va 16° 28' E.

Our- mountainous heavily timbered land.

Ascend. 15° Ft.

30.00 Top of ascent on N. slope of mountain about 10 chs from

Chains. Subdivisions—

Top.
Descend 200 Ft.
40.00 Set a malpais Stone 16x14x10
ins. 10 ins. in the ground.
for 1/4 Sec. Cor. marked 1/4 on
W. face and raised a mound
of stone 1½ ft. high 3 ft.
base alongside. From which
A pine 26 ins. diam. bears S. 76° 49' W 33
lks. dist. marked 1/4 S. B. T.
A pine 26 ins. diam. bears S. 13° 04' E
21 lks. dist. marked 1/4 S. B. T.
43.00 Foot of descent—
Ascend 200 ft.
75.00 Top of ascent on N.E. Slope Mt
about ¼ mile from top
Descend 250 ft. to
80.00 Set a malpais Stone 14x4x10
ins. 10 ins. in the ground
for cor to secs. 13. 14. 23 & 24.

Chains T. 22 N. R 4 E (Cont)

marked with 3 notches on S and 1 notch on E edges and raised a mound of stone 1½ ft high 3 ft base alongside from which

A pine 28 ins. diam bs. N. 78° 17' E. 160 lks. dist. marked T. 22 N. R 4 E. S. 13. B. T.

A pine 6 ins. diam bs. S. 73° 19' E 160 lks. dist. marked T. 22 N. R 4 E. S. 24. B. T.

A pine 8 ins. diam bs. S 33° 50' E 160 lks. dist. marked T. 22 N. R 4 E. S. 24. B. T.

A pine 28 ins. diam bs. S. 31° 22' W. 196. lks. dist. marked T. 22 N. R 4 E. S. 28. B. T.

Land, mountainous

Soil, stony 3rd rate.

Chains. Subdivisions.

Timber pine and scrub Oak
Mountainous or heavily timbered
land. 80 chs.

S. 89° 51' E. on a true line thro
secs. 13 & 24
Va 16° 28' E.
Over rolling heavily timbered
land.
Descend. 5. pt.
7.00 Foot of descent and near
heavily timbered land.
Thence over level land.
32.15 Road. from Spring Valley
& Flagstaff Trs. N. 21° W.
and S. 21° E.
38.00 Enter heavily timbered land.
40.00 Set a malpais stone 14 x 10 x 8

Chains. T. 22 N. R. 4 E (Cont.)

ins. 10 ins. in the ground. Cor. 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 1½ ft. high 3 pt. base alongside. Pine 17 ins. diam. Brs. N. 46° 06' E 2 lks. dist. marked 1/4 S. 73. J. A pine 10 ins. diam. Brs. N. 28° 49' W 21 lks. dist. marked 1/4 S. 73. J.

77.70 Intersect the E. boundary of the township. 11.40 chs. S. of cor. to secs. 13. 18. 19 E/4 which is a post 4 ins. square and properly marked and witnessed as described in the field notes furnished by the Surveyor-General. Obliterate all marks of lines refer to Surveyor in the W.

Chains. Sub-divisions

At the point of intersection I set a post 4 ft long 4 ins square with mound of stone 12 ins in the ground for closing cor. to secs 13 & 24. marked.
C. C. T. 22 N R 4 E on W.
S. 13 on S. and
S. 24 on S. faces with
3 notches on S. & S. faces and raised a mound of stone 1½ ft high 3 ft. base around post. from which
A pine 30 ins. diam. bears N. 44° W. 16 lks. dist. marked T. 22 N. R 4 E. S. 13. B. T.
A pine 14 ins. diam. bears N. 54° 11' W. 110 lks. dist. marked. T. 22 N R. 4 E. S. 13. B. T.

Trains. T. 22 N. R 4 E (cont-)

A pine 10 ins. diam. S. 36° 16' E 32
lks. dist. marks T. 22 N. R 4 E
C. C. S. 13 + 24. B. T.
Land, level + rolling
Soil, stony 3rd rate.
Timber - pine
Heavily timbered land 40.70 cha.

N. 0° 45' E. Ct - secs. 13 + 14
Va 16° 28' E.
Over broken rolling land
through scattering timber -
Descend to ft - lo
3.00 Foot of descent, leave
timber, thence over rolling
and rocky foreground prairie
40.00 Set a malpais stone 16 x 14 x 8
ins - 10 ins. in the ground

Chains. Sub-divisions

For 1/4 sec. cor. marked 1/4 on W. face. and raised a mound of Ston 1½ ft. high 2 ft. face alongside
Pits impracticable
45.55. Road Brs. N. 22° W. & S 22° E.
80.00 Set a malpais ston 18 x 14 x 12 ins. 12 ins. in the ground
For cor. to secs. 11. 12. 13 & 14. marked with 4 notches on S. and 1 notch on E. edges and raised a mound of ston. 1½ ft. high 3 ft. face alongside.
Pits impracticable
Land, rolling
Soil, Stony 3rd rate.
Timber, pine.

Trains. T. 22 N. R 4 E. (Cont-)

S. 89° 57' E. on a true line N. secs. 12 & 13. Va 16° 28' E.
Surv. rolling lands.

40.00 Set a malpais Stone 16 x 14 x 14 ins. 11 ins. in the ground for 1/4 Sec. ^ Marked 1/4 on E. face and raised a mound of stone 1½ ft. high 3 ft. base alongside Pits impracticable

78.04 Intersect the E. boundary of the Tp. 11.64 chs. S. of cor. to secs. 7. 12. 13 & 18. which is a stone firmly set and properly marked and witnessed as described in the field notes furnished by the Surveyor General. At the point of intersection I set a malpais. Stone 18 x 16 x 12 ins.

Chains Subdivisions

12 ins in the ground for closing Cor. to secs. 12 & 13. marked C.C. on W. face with 2 notches on N. and 4 notches on S. faces and raised a mound of stone 1½ ft. high 2 ft. base alongside,
Obs. unpracticable
Land, rolling
Soil, stony 3rd rate
Tr. timber

N 0° 45' E. for secs 11 & 12
Va 16° 25' E.
Obs. rolling prairie.
40.00 Set a malpais stone 16 x 14 x 10 ins. 11 ins. in the ground for ¼ sec. cor mound ¾ on W. face and raised a mound 2 stones 1½ ft. high 3 ft.

Chains. T. 22 N. R 4 E (cont'd)

Pass alongside
Pits impracticable.
S. 0.00 Set a malpais stone 16 x 14 x 4 ins. 11 ins. in the ground
for cor to secs. 1. 2. 11 & 12
marked with 5 notches on S.
and 1 notch on E edges. and
raised a mound of stone 2 ft.
high 3 ft. Pass alongside
Pits impracticable
Land rolling
Soil, Stony 3rd rate.
No trees

May 20, 1894

S. 89° 57' E on a true line for
secs. 1 & 12
Va 16° 28' E.
Over rolling land.

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Chains. Subdivisions

40.00 Set a malpais stone 14 x 12 x 10 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 1½ ft. high 8 ft. base alongside
Pits impracticable
62.30 Road. Bs. N. 31° W. & S. 31° E.
78.50 Intersect the E. boundary of the Tp. 11.86 chs. S. of cor. to secs. 1. 6. 7 & 12 which is a stone 7 ins. by 6 ins. set and properly marked. and witnesses as described in the field notes furnished by the Surveyor General.
At the point of intersection I set a malpais stone 16 x 16 x 16 ins. 11 ins. in the ground for closing cor. to secs. 1 & 12

Chains. T. 22 S. R 4 E. (Cont'd)

marked C.C. on W. face with
1 notch on N. and 5 notches
on S. faces and raised
a mound of stone 1½ ft.
high 3 ft. base alongside
Pits impracticable
Land rolling
Soil, stony 3rd rate
Timber

S. 0°45' E. on a random line
W. secs. 1 & 2
Va 16°28' E

+0.00 Set temporary ¼ Sec. Cor.
54.55 Intersect the S. boundary
S. 89°45' E.
of the Sp. 4 lks. W. of
Cor. to secs. 1. 2. 35 & 36. which
is a stone 7 inches square

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Chains. Subdivisions

properly marked and witnessed
as described in the field
notes furnished by the
Surveyor General.
Thence N.
N. 1° 03' W on a true line
for secs. 1 and 12.
Va 16° 28' E.
Over broken rolling land.
44.55 Set a mal pais stone 19x14x
12 ins. 13 ins. in the ground
for 1/4 sec cor marked 1/4 on
W. face and raised a mound
of stone 2 ft. high 4 ft.
base alongside
Pits impracticable
84.66 Thence E. secs 1. 2. 11 & 12.
Land, broken & rolling
Soil, stony 3rd rate

Chains T. 22 N. R. 4 E. (Cont)

Returned

From the cor to secs 2. 3. 34 & 35. on the S. Bdy of the Sp. which is a post firmly set and properly marked and witnessed as described in the Field notes furnished by the Surveyor General. I run N. 0° 45' E. 1st sec. 34 & 35

Thence 16° 28' E

Over rolling Brown lands.

Descend 40 ft.

+.50 Foot of descent

Road Williams & Flagstaff

Course E & W.

Ascend 150 ft.

Chains. Sub-divisions

15.10 Top of ascent cutter scattering timber, timbered rolling land.

40.00 Set a mal pais stone 18x17x12 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2½ ft. high 4 ft. base alongside. From which A pine 6 ins. diam. bears N. 56° W. 104 lks. dist. marked 1/4 S. T3 J. A pine 24 ins. diam. bears S. 82° W. 306 lks. dist. Marked 1/4 B.T.

53.61 A pine 40 ins. diam. on line which I mark with 2 notches on N. E. & S. sides

80.00 The S. rail of the Atlantic and Pacific rail. road track course N. 80° E. and S. 80° W.

Chains. T. 22 N. R 4 E. (cont.)

As it is impossible to set a cor. at this point I measure N. 0° 45' E 1.00 ch and set a limestone 24 x 16 x 16 ins 18 ins in the ground. For witness cor. to sec. 26. 27. 34 & 35. marked W. C. with 1 notch on N. and 2 notches on E edges and raised a mound of stone 2½ ft high 4½ ft base alongside.
Pits impracticable
Land rolling & mountainous.
Soil, stony 3rd rate.
Timber scattering pine

From each point for cor-

Chains. Subdivisions

Bet secs. 26. 27. 34 & 35 I run
S. 89° 51' E on a random line
Wt. secs. 26 & 35
Va 16° 28' E.

4.00 Set temporary 1/4 sec. cor.
80.12 Intersect P.E. & S. line 14
lks. S. of cor. to secs. 26. 26. 35 &
36.

Thence I run
S. 89° 57' W. on a true line
Wt. secs. 26 & 35. Va 16° 28' E
Over rolling, timbered land
through scattering timber
19.50 Road from Williams to Flagstaff Wt. N 50° W
4.00 Set a limestone 16 x 18 x 18 2 1/2
ins. 15 ins in the ground.
For 1/4 Sec. Cor. marked 1/4.
on S. face and raised
mound of stone 1 1/2 ft. high
3 1/2 ft. base. alongside

Chains. T. 22 N. R. 4 E. (cont)

From which
A pine 8 ins. diam. Bs. N 22° 48' E
85 lks. dist. marked 1/4 S. B. T.
A pine 14 ins. diam. Bs. S. 37° 11' W.
116 lks. dist. marked 1/4 S. B. T.
+2.00 Ascend 100 ft.
59.00 Top of ascent. Thence
over rolling land.
Lean scattering timber
80.12 The point for cor to secs.
26. 27. 34 & 35.
Land, rolling
Soil, rocky 3rd rate
Timber scattering pine.

From the exact cor point
for cor to secs. 26. 27. 34 & 35
I run.

Chains. Sub-divisions

N. 0° 45' E. Ist sec. 26 & 27.
Va 16° 38' E.
Over rolling land. Timber
scattering pine. timber
.65 Western Union Telegraph
line, Course N. 80° E. & S. 80° W
35.00 Enter heavily timbered land.
40.00 Set a mal pais Stone 20 x 20 x 10
ins. 15 ins. in the ground.
For 1/4 Sec. cor. Mound 1/4 on
W. face. and raised a
mound of stone 2 ft. high
4 ft. base alongside
from which
Cedar 36 ins. diam. bears N.
73° 08' E. 71 lks. dist. Marked 1/4 S.B.S.
Cedar 20 ins. diam. bears N. 65° 12'
W. 43 lks. dist. Marked 1/4 S.B.S.
41.00 A pine 40 ins. diam. on line

Trans. T. 22 N. R 4 E (cont)

which I mark with 2 notches
on N + S. sides.

for. Set a malpais stone 19 x 18 x 6
ins. 13 ins in the ground.
for cor to secs. 22. 23, 26 &
27. marked with 2 notches
on S. and E. edges and
raised a mound of stone
1½ ft high 2 ft base
alongside, from which
A pine 20 ins. diam bs. N. 69° 46
E. 72 lks. dist. marked T. 22 N.
R 4 E S. 23. B. T.
A pine 26 ins. diam bs. S. 25° 14 E
68 lks. dist. marked T. 22 N. R 4
E S. 26 B. T.
A pine 16 ins. diam bs. S. 66° 46 W
98 lks. dist. marked T. 22. N. R 4
E. S. 27. B. T.

Chains Subdivisions.

Spike 6 ins. diam. Bs. N. 25° W.
W. 72. lks. dist. marked T. 22
T. R. 4 E. S. 22. B. T.
Land, rolling
Soil, loamy. 2nd & 3rd rate.
Timber, pine
Heavily timbered land. 45. chs.

S. 89° 57' E. ma random line
bet. secs. 23 & 26.
Va 16° 28' E
40.00 Set temporary 1/4 sec. cor.
80.20 Intersect the S. & S. line
16 lks. N. of cor to secs.
23. 24. 25 & 26.
Thence S. mar.
S. 89° 56' W. ma true line bet
secs. 23 & 26.

Chains. T. 22 N. R 4 E. (Cont-)

Va 16° 78' E
Arr. mountains. Heavily timbered land
Descend. 150 ft.
5.00 Foot of descent — Thence arr. rolling land.
+0.10 Set a malpais stone 19x16x8 ins. 13 ins. in the ground for 1/4 sec. cor. Mamed 1/4 on N. face and raised a mound of stone 2 ft. high 4 ft. base alongside from which
Apine 30 ins. diam. bs. N. 21° W. 266 lks. dist. Mamed 1/4 S. 73 E.
Apine 36 ins. diam. bs. S. 73° E. 241 lks. dist. Mamed 1/4 S. 73 E.
+7.00 Road, course N. W. & S. E.
+0.20 Thence to sec. 22. 23. 26 & 27

Chains. Sub-divisions

Land, rolling & Mountainous
Soil, Stony 3rd rate.
Timber, pine
Mountainous or heavily timbered
land. 80.20 chs.

N. 0° 45' E. Tot. decs. 22+23
Va 16° 28' E
Over rolling heavily timbered
land.
Ascend gradually 200 ft.
40.00 Cut a malpais. Stm. 20x18x8
ins. 15 ins in the ground
For 1/4 sec. cor. Mound 1/4 on
W. face and raised a mound
of Stone 2 ft. high 4 ft.
base alongside from which
A pine 36 ins. diam. bears N. 23° W.

Trans. T. 22 N. R 4 E. (Cont)

W. 33 lks. dist. marked 1/4 S. B. T.
R pine 6 ins diam. bs. S. 47 1/2 E
44 lks. dist. marked 1/4 S. B. T.
49.90 Road. course N. E. Ed. S. W.
53.00 Top of ascent. Lean heavily timbered land. enter open flat.
7.7.00 Road. course N. E. Ed. S. W.
0.00 Set a malpais. Stone 16x16x 8 ins. 11 ins. in the ground. For. cor. to secs. 14. 15. 22 Ed. 23. marked with 3 notches on S. and 2 notches on E. edges and raised a mound of Stone 2 ft. high 4 ft. base along side
Pits. impracticable
Soil. Stony 3rd rate
Timber. Pine

50

BOOK 416

Chains. Subdivisions

Heavily timbered land 53. chs.

S. 89° 50' E on a random line
bet secs 14 Ed. 23
Va 16° 28' E

40.00 Set temporary ¼ sec. cor
80.14 Intersect The S and E line
21 lks. S of cor to secs
13. 14. 28 Ed. 24.
Thence S. 89°
S. 89° 41' W. on a true line
bet. secs. 14 Ed. 23
Va 16° 28' E.
Over rolling heavily timbered
lands.
Descend. 50 ft.
19.00 Foot of descent clear
heavily timbered lands

Chains. T. 22 S. R 4 E. (Cont)

enter open pasture

40.07 Set a malpais stone 18x16x8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 M. pasture and raised a mound of stone 1½ ft. high 4 ft. base alongside Pits impracticable

60.20 Road course N. & S.

74.10 Road course N.E. & S.W.

80.14 Stn cor to secs. 14. 15. 22 & 23

Land, rolling

Soil, rocky 3rd rate.

Timber, pine

Heavily timbered mountainous land 19 chs.

May 21, 1894

N. 0° 45' E. 7 chs. secs. 14 & 15

52

Chains. Sub-divisions

Va 16° 78' E.

Over mountainous land.

Ascend 400 ft.

~~Enter heavy timber~~

29.40 Top of ridge, course E and S. Y.

Descend 400 ft.

38.90 Road, Course E. & Y.

39.00 Foot of descent, Enter heavy timber enter large open pass, Thence over rolling land.

40.00 Set a malpais stone 18x16 x7. ins. 12 ins. in the ground. for ¼ Sec. cor. mound ¼ cor. W. face and raised a mound of stone 2 ft. high. 4½ ft. East. alongside Pits. impracticable

chains. T. 22 N. R 4 E (Cont-)

60.00 Set a malpais stone 24 x 12 x 8 ins. 15 ins. in the ground. For cor to secs 10. 11. 14 & 15. marked. with 4 notches on N. and. 2 notches on E edges. and. raised a mound of stone 2½ ft high 4 ft base. along side Pits. impracticable Land, rolling and Mountainous. Soil, Stony 2nd rate Timber pine Mountainous or heavily timbered land. 39 chs-

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N. 89° 41' E on a random line Wt- secs- 11 and 14

Va 16° 28' E

Chains. Subdivisions

40.00 Set temporary 1/4 Sec. Cor.
80.06 Intersect The 2nd S line
11 chs. S. of Cor to secs. 11.
12. 13. Ed 14
Thence S.
S. 89° 46' W. on a true line
Mt. secs 11 Ed 14
Ta 16° 28' E.
Over rolling land.
16.85 Road Course S. W. & S. E.
40.03 Set a malpais stone 19x8x10
ins. 15 ins in the ground
for 1/4 Sec. Cor. marked
1/4 on S. face. and raised
a mound of stone 1½ ft.
high 3 ft. base along side
Pits in prosticate
70.40 Road Course S. W. & S. E.
80.06 The Cor to secs. 10. 11. 14 & 15

Chains T. 22 N. R 4 E. (cont)

Land, rolling
Soil, stony 3rd rate
Timber

N. 0° 45' E Mt Olive sec. 10 & 11
Va 16° 28' E
Over rolling land.
Descend gradually 50 ft.
16.10 Road, course E & W.
40.00 Set a malpais stone 30 x 12 x 12 ins. 21 ins. in the ground for 1/4 Sec. cor. Mamed 1/4 on W. face and raised a mound of stone 1½ ft. high 2 ft. base alongside.
Pits impracticable
56.00 Ascend 40 ft.
58.50 Top of ridge, Course N E

Chains. Sub-divisions

and S. W.

Descend. 30 ft.

61.00 Foot of descent. Thence over rolling land.

80.00 Set a mal pais Stone 18x18x16 ins. 12 ins. in the ground. For cor. & secs. 2. 3. 10 & 11. Marked with 5 notches on S. and 2 notches on E edges and raised a mound of stone 2 ft. high 4 ft. East alongside. Pits impracticable Land, rolling Soil, stony. 3 ft. oak. Pasturage.

S. 89° 46' E on a random

Chains T. 22 N. R. 4 E. (cont.)

line W. secs. 2 and 11
Va 16° 28' E

40.00 Set temporary 1/4 sec. cor.
20.12 Intersect the N. & S. line
12 lks. E. of cor. to secs. 1. 2.
11 and 12.
Thence I run
N. 89° 51' W. on a true line
W. secs. 2 and 11.
Va 16° 28' E
Over rolling land.
40.06 Set a malpais stone 17 x 17
x 12 ins. 11 ins. in the ground
for 1/4 sec. cor. marked 1/4 on
N. face and raised a
mound of stone 1 1/2 ft.
high 4 ft. base alongside
Pits impracticable
59.50 Road course N. W. & S. E.
67.50 Road Course N. & S.
80.12 The cor. to secs. 2. 3. 10 and 11

BOOK 416

Chains. Sub-divisions

Land, rolling
Soil, stony 3rd rate.
No timber

N. 0° 45' E on a random line
for secs. 2 & 3.
Va 16° 28' E

40.00 Set temporary 1/4 Sec. Cor
84.03 Intersect the N. boundary
of the Tp. 30 dist. S 89° 45" W
of Cor
to secs. 2. 3. 34 & 35. which
is a post - firmly set and
properly marked and witnessed
as directed in the field
notes. Furnished by the
Surveyor-General
Thence N.
N. 0° 58' W on a true line

chains. T. 22 N. R. 4 E. (Cont.)

Mt. secs. 2 & 3.

Ta 16° 28' E

Over rolling land, through
scattering pine timber.

8.00 Lean timber, enter Sycamore
Prairie.

44.03 Set a limestone 18 x 16 x 6 ins.
12 ins. in the ground. for
1/4 Sec. Cor. marked 1/4 on W face
and raised a mound of stone
1 1/2 ft. high 4 ft. base
alongside. Pits impracticable.
From this cor. a pine
brs. and. corad. N. N. 15°
W. 15 lks. dist.

62.00 Dry wash, 6 feet deep, course
N. E.

84.03 Thr cor. to secs. 2. 3. 10 & 11.
Land, rolling.

Chains. Subdivisions

Soil, stony 3rd rate
Timber-Pine

From the Cor to secs.
3. 4. 33 & 34 on the S. Bdy
of the Tp. which is a
post. Firmly set and properly
marked and witnessed as
described in the field
notes furnished by the
Surveyor-General. I run
N 0° 44' E. Nt-secs. 33 & 34
Va 16° 38' E.
Over rolling land,
40.00 Set a mal pais stone 16x16
x10 ins. 11 ins. in the ground
for 1/4 Sec. Cor. marked 1/4 on

Chains T. 22 N. R. 4 E. (Cont.)

W. face and raised a mound of stone 1½ ft. high 2 ft. base alongside
Pits impracticable
+9.00 Ascend. 200 ft.
63.00 Wire fence across line. Course N. E. & S. W.
64.20 Center of Atlantic & Pacific Rail Road. course N. E. & S. W.
65.40 Western Union Telegraph line. Course N. E. & S. W.
66.00 Wire fence across line course N. E. & S. W.
67.00 Top of ascent.
Set a malpais stone 18 x 12 x 10 ins. 12 ins. in the ground for cor. to secs 27, 28, 33 & 34. marked with 1 notch on S. and 3 notches on E. edges and

BOOK 416

Chains. Subdivisions

raised a mound of stone
1½ ft. high 3 ft. base
alongside
Pits impracticable
Land, rolling
Soil, Stony 3rd & 4th rate.
4 trees.

S. 89° 51' E on a random line
Pt. secs. 27 & 34.
T a 16° 28' E
4.00 Set temporary ¼ sec. cor
80.30 Intersect The A & S. line 24
lks. S. of point for cor
N. secs. 26. 27. 34 & 35.
Thence I mm.
S. 89° 59' W. on a true line
Pt. secs. 27 & 34.

Mains. T. 22 N. R 4 E (cont.)

Va 16° 28' E.

Over rolling broken land. Through scattering timber

.16 Center of Atlantic & Pacific rail. road. cours N. 80° E and S. 80° W.

1.80 Western Union telegraph line. Cours N 80° E & S. 80° W.

40.15 Set a mal pais stone 16x16x14 ins - 11 ins. in the ground for 1/4 sec cor. mound 1/4 inch face and raised a mound of stone 1½ ft. high 2 ft. East alongside. From which A pine 36 ins. diam. bears S. 31° 11' W - 65 lks. dist - marked 1/4 S. 73. T. A pine 18 ins. diam. bears S. 27° 16' W - 71 lks. dist. marked 1/4 S. 73. T.

6th. BOOK 416

Chs. Surs. T 22 S R 4 E Cont'd

44.00 Ravine 4 ft. dep. course S.
55.00 Ascend. 100 ft.
62.00 Top of ascent, clear timber
77.10 Wire fence across line, course S. W. & S. E.
80.30 Cor to Secs 27, 28, 33 & 34
Land, rolling & broken
Soil, stony 3rd rate.
Timber - pine

May 22, 1894.

S. 0° 44' E 74 lks. Secs 27 & 28
Va 16° 25' E
Over rolling land.
11.30 Wire fence across line Course S. W. & S. E
40.00 Set a malpais stone 18 x 8 ins. 12 ins. in the ground. For 1/4 sec cor