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No. 1073 BOOK 1073

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Book No. 18 Indexed

1073

Field Notes

OF THE SURVEY OF THE

BOOK 1073

SUBDIVISION LINES

— OF — No. 1073

Township 22 N. Range 1 W.

Gila and Salt River Base and Meridian

ARIZONA.

No. 1073

By J. J. Smith D. S.

under contract dated July 24th, 1872.

Survey commenced Oct. 24th, 1872.

Survey completed Oct 30th, 1872

1 A

Township 22. N. Range 1. W. M.
 G. + S. R. Base & Meridian

BOOK 1073

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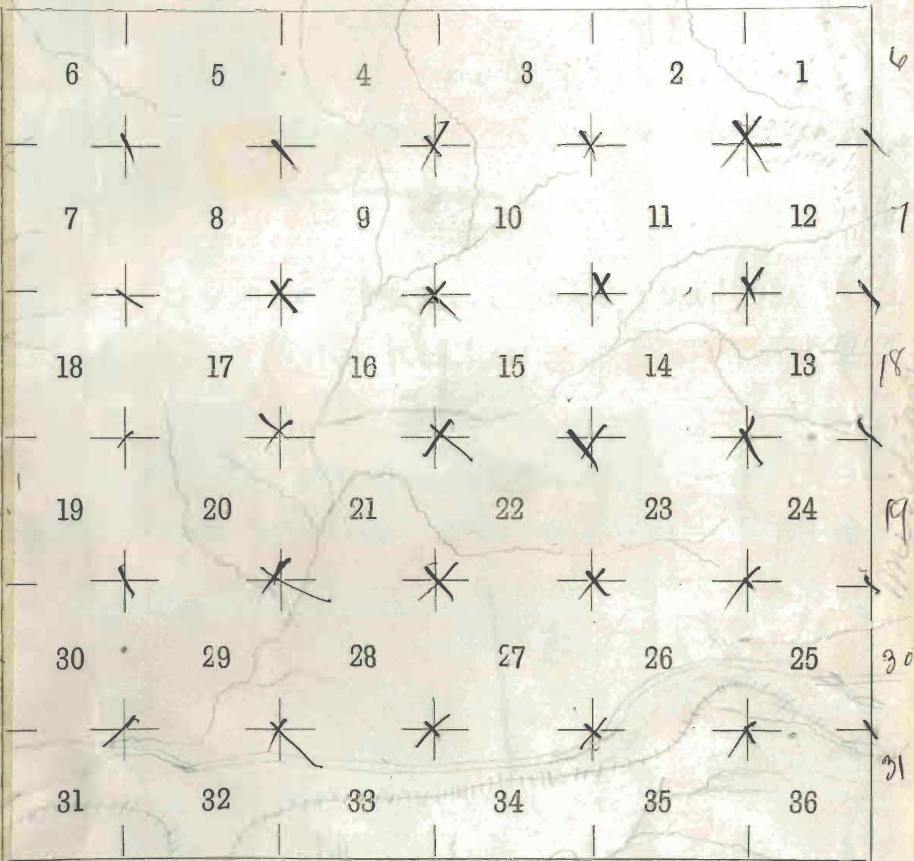
1.B

BOOK 1073

INDEX DIAGRAM.

Township 22 North

Range 1 West



Gila and Salt River, Arizona.

ARIZONA.

For Preliminary notes
see first book (No. 1)
of survey, - also description
of instrument

Survey begun Oct, 24th, 1883
" completed " 30, 1883

S. 22, N. R. 1, W.

chain.

Beginning at cor. to
secs. 1, 2, 35 & 36, N. by
S. 21, N. R. 1, W. previously
established by me, I
run,

N. 1/4 sec. 35 & 36,

Var. $14^{\circ} 05' E$,

- 1.40 Descend into cañon
- 5.40 Bottom of cañon
course W. - Ascend
S. W. slope of mountain
- 34.00 Top, W. end of mountain
descend.
- 40.00 Set a mapais stone
18 x 18 x 4 ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face, &
raised a mound of
stone alongside.

S. 22, N. R. 1, W.

chains

Pits impracticable
 Town of Fairview bears
 N. 84° 45' W, about 40
 chains dist.

- 48.00 Dry wash, course W.
 57.00 Dry wash, course W.
 76.20 Dry wash, course W.
 80.00 Pit a sandstone 20 x 12
 x 7 ins. 15 ins. in the
 ground for ev. to sec's
 25, 26, 35 + 36, marked
 with 1 molts on S. + E.
 edges, & raised a mound
 of stone alongside,
 from which a
 Juniper tree 18 ins. dia,
 brs. N. 93 lks, marked
 S. 22, N. R. 1, W. B. T,
 no other trees within limits,

S. 22, N. R. 1, W.

chains,

Surface mountainous

Trail 3rd rate

Scattering Juniper

blouse oak & buck brush

Grass fair

E. on a random line
bet. sec's 25 & 36,

var. $14^{\circ} 05' E$,

Ascend mountain

4000 At temporary $\frac{1}{4}$ sec. cor.

41.00 Descend into cañon

59.60 Bottom of cañon, course
N. 78° W. & ascend

42.10 A. & P. R. R. curve to
N. W. & S. E.

79.98 Intersect Principal Meri-
dian 38 lks. S. of cor. to
sec's 25, 30, 31, & 36, previ-

T. 22, W. R. 1, W.

chain,

ously described by me,
 Hence I run
 S. 89° 44' W, on true line
 bet. rec's, 25 & 36,

Var, 14° 05' E,

39,99

set a nail at
 14 x 12 x 9 ins, 9 ins, in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,
 & raised a mound
 of stone alongside
 its impracticable.

79,98

cor, to rec's 25, 26, 35 & 36,
 Surface mountainous
 Soil 3rd rate
 Heavy oak brush
 Grass fair,

U, bet, rec's 25 & 26,

T, 22 U, R, 1, W,

chains

var, $14^{\circ} 05' E$,

3,00 descend into cañon

9,89 Bottom of cañon, course
S.W. - ascend.

22,89 A. & P. R. R. trs. S.W. & S. E.

39,00 Road, trs. E. & W.

40,00 at a malpais stone
 $13 \times 11 \times 5$ ins, 9 ins. in the
ground for $\frac{1}{4}$ ac. cor,
marked $\frac{1}{4}$ on W. face,
dug pits $18 \times 18 \times 12$ ins,
N. & S. of stone $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside64,00 top of mountain,
trs. E. & W. - descend80,00 at a malpais stone
 $16 \times 12 \times 8$ ins, 10 ins. in

S. 22, W. R. 1, W.

chains.

the ground for. cor. to
 sec's 23, 24, 25 & 26,
 marked with 2 nolets
 on S, & 1 nolet on E,
 edges, & raised a mound
 of stone alongside
 Pits impracticable,
 Surface mountainous
 Soil 3rd rate
 Dense oak brush
 Grass fair

E. on random line
 bet. sec's 24 & 25,
 Var. $14^{\circ} 05' E$,

40.06
 80.04

at temporary $\frac{1}{4}$ sec. cor.
 Insect-Principal
 Meridian 14 lks. N. of
 cor. to sec's 19, 24, 25 & 30.

S. 22, N. R. 1, W.

chains

previously described
by me.

thence I run
N. $89^{\circ} 54' W$, on true
line bet. see's 24 & 25
var. $14^{\circ} 05' E$,

40.02 set a malpais stone
 $14 \times 9 \times 7$ ins, 9 ins. in
the ground for $\frac{1}{4}$ see, cor,
marked $\frac{1}{4}$ on N. face,
& raised a mound of
stone alongside,
Pits impracticable

80.04 Cor. to sees, 23, 24, 25 & 26,
Surface mountainous
Soil 3rd rate
scattering juniper
& bluse brush
Grass fair

S. 22, W. R. 1, W.

chains,

U. bet. sec's 23 & 24

Dir. $14^{\circ} 05' E$,

Descending over mountain ridges

4,000

Set a sandstone $18 \times 12 \times 4$ ins., 12 ins., in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, & raised a mound of stone alongside.

Pits impracticable

8,000

Set a marble stone $24 \times 10 \times 6$ ins., 18 ins., in the ground for cor. to sec's, 13, 14, 23, & 24, marked with 3 notches on S. & 1 notch on E. edges, & raised a mound of stone alongside - Pits impracticable

T, 22, N, R, 1, W,

chains

Surface mountainous

Soil 3rd rate

Kleye undugrowth

Grass fair

E, on random line

bet. sec's 13, & 24,

Var, $14^{\circ} 05' E$,40,000 at temporary $\frac{1}{4}$ sec. cor,

80,100 Intersect Principal

Meridian 21 lks. S. of

cor. to sec's 13, 18, 19 & 24

previously described

by me,

thence I run

 $S 89^{\circ} 51' W$, on true line

bet. sec's 13 & 24,

Var, $14^{\circ} 05' E$,

40,050 at a sandstone

S. 22, N. R. 1, W.

chains.

14 x 11 x 8 ins, Pins, in the ground for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ on N. face, & raised a mound of stone alongside. It's impracticable

80.10

Cor. to sec's 13, 14, 23, & 24, Surface mountainous
Dial 2nd rate

Scattering cedar & Juniper
Some Grass

N. bet. sec's 13 & 14

var, $14^{\circ} 05' E.$

14.74

Dry wash, 20 lks, wide course N. W.

4000

Set a sandstone 22 x 12 x 10 ins, 16 ins, in the ground for $\frac{1}{4}$ sec. cor,

T. 22, N. R. 1, W.

chains.

marked $\frac{1}{4}$ on W. face,
and raised a mound
of stones alongside,
from which

a cedar 30 ins. dia. brs,
N. 78° W, 124. links,
Marked $\frac{1}{4}$ S, B, T,

A cedar 16 ins. dia,
brs, S, 46° E, 164 links
marked $\frac{1}{4}$ S, B, T,

40,55 Runy wash 24 lks, wide
course N, W,

80,00 Set a limestone 13×11
 $\times 9$ ins, 8 ins, in the
ground for cor. to
sec's 11, 12, 13, & 14,
marked with 4 nolets
on S, and 1 nolet on
E, edges, & raised a

S, 22, N, R, 1, W.

chains.

mound of stone along
side, from which
A Piñon 6 ins, dia, hrs,
N, 43, E, 53 lks. marked
S, 22, N, R, 1, W, S, 12, B, T,
A Cedar 8 ins, dia, hrs,
S, 38° E, 21 lks, marked
S, 22, N, R, 1, W, S, 13, B, T,
A Cedar 6 ins, dia, hrs
S, 46° W 123 lks, marked
S, 22, N, R, 1, W, S, 14, B, T,
No other trees within limits

Surface rolling

Soil 2nd rate

Heavy cedar & Piñon
Grass fair

E. on random line
but, see's 12, & 13,

S, 22, N, R, 1, W

chain,

Var, $14^{\circ} 05' E$,

40, 00 feet temporary $\frac{1}{4}$ sec. cor,
 80, 10 Intersect Principal
 meridian 16 lks S,
 of cor. to sec's 7, 12, 13, & 18
 previously described by
 me.

Thence I run
 S, $89^{\circ} 53' W$, on true line
 bet. sec's 12, & 13,

Var, $14^{\circ} 05' E$,

40, 05 feet a sandstone $18 \times$
 11×4 ins, 12 ins, in
 the ground for $\frac{1}{4}$ sec,
 cor, marked $\frac{1}{4}$ on N,
 face, from which
 A Cedar 24 ins, dia, br
 N, $4^{\circ} E$, 34 links,
 marked $\frac{1}{4}$ S, B, T,

S. 22, N. R. 1, W.

chains.

A Cedar 4 ins. dia, brs S, 70°

E, 42 lks, marked $\frac{1}{4}$ S, B, G,

80, 10 cor. to sec's, 11, 12, 13 x 14,

Surface rolling

Soil 2nd rate

Heavy Cedar & Juniper

Poor Grasses

N. bet. sec's 11 x 12

Var. 14° 05' E

32, 14 Dry wash 30 lks. wide

course S, 73° W,

40, 00 Set a marker stone
16 x 10 x 8 ins, 10 ins. in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face,
& raised a mound of
stone alongside,
from which, a

S, 22 N, R, 1, W,

chains.

Cedar 8 ins, dia, hrs S, 10°
E, 120 lks, marked $\frac{1}{4}$ S, B, T.A Cedar 16 ins, dia, hrs S, 84°
W, 83 lks, marked $\frac{1}{4}$ S, B, T.

So, 000 Put a melpais stone

16 x 14 x 10 ins, 10 ins, in
the ground for cor to
acc's 1, 2, 11, & 12, marked
with 5 notches on S, &
1 notch on E. edges, &
raised a mound of
stone along side,
from which,A Cedar, 8 ins, dia, hrs,
N, 43° E, 87 lks, marked
S, 22, N, R, 1, W, S, 1, B, T.A Cedar 5 ins, dia, hrs,
S, 38° E, 46 lks, marked
S, 22, N, R, 1, W, S, 12, B, T.

S. 22, W. R. 1, W.

chains

A Cedar 14 ins, dia, 6 in,
 S, 63° W, 85 lks, marked
 S, 22, W, R, 1, W, S, 11, B, T,
 no other trees within limits,
 Surface broken
 Soil. 2nd & 3rd rate
 dense scrubby cedar
 grass fair.

Go on random line
 bet. sec's 1 & 12,
 Val. 14° 05' E,

4000
 7994
 get temporary $\frac{1}{4}$ sec. cor.
 Intersect-Principal
 Meridian 12 lks. S. of
 cor. to sec's. 1, 6, 7, & 12, pre-
 viously described by me,
 thence I run,
 S 89° 55' W, on true line

T, 22, U, R, 1, W.

chain,

bet. sees 1 & 12,
Var, $14^{\circ} 05' E$,

- 39,97 Cut a mahais stone
12 x 10 x 9 ins, 8 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
& raised a mound of
stone alongside,
from which,
A Cedar, 10 ins, dia, 67,
N. $61^{\circ} E$ 39 lks, marked
 $\frac{1}{4} S, B, T$,
A Cedar 8 ins, dia,
65, S, $10^{\circ} W$, 65 lks,
marked $\frac{1}{4} S, B, T$,
- 79,94 Cor. to sees 1, 2, 11, & 12,
Surface rolling
Nail 3rd rate
Kuse Cedar & Juniper

S. 22, R. 1, W.

chains.

Grass Good

N. on random line
bet. sec's 1 & 2,Dir. $14^{\circ} 05' E$,38.00 Dry wash 18 lks. wide
course N.W.4000 Set temporary $\frac{1}{4}$ sec. cor.
80,14 Intersect N. by of Sp. 23
lks. E. of cor. to sec's,
1, 2, 35, & 36, previously
established by me,
thence I runS. $0^{\circ} 10' E$, on true line
bet. sec's. 1 & 2,40,14 Set a maphis stone
12 x 10 x 10 ins, 8 ins. in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,

S. 22, N. R. L. W.

chains,

Raised a mound
of stone alongside
from which

A Cedar 8 ins. dia, br's S. 83° E,
84 lks, marked $\frac{1}{4}$ S, B, T,

A Cedar 5 ins. dia, br's N. 86°
W, 94 lks, marked $\frac{1}{4}$ S, B, T,

80, 14

cor. to ties 1, 2, 11, 8, 12,

Surface rolling

Dial 2nd rail

Use Cedar & Juniper
Grass fair.

Carefully examined &
tested instrument &
solar apparatus today
& found them correct.

J. 22, N, R, 1, W,

chains

Then returning to the cor.
to acs 1, 2, 34 & 35, on S.
by of 5h. previously esta-
blished by me, I run
N. br, acs 34 & 35

Var. $14^{\circ} 05' E$,

40,00 set a malpais stone
18x10x5 ins, 12 ins. in the
ground for $\frac{1}{4}$ ac, cor.
marked $\frac{1}{4}$ on W. face,
& raised a mound of
stone alongside,
from which a Cedar
8 ins. dia, br, S, $10^{\circ} E$,
74 lbs. marked $\frac{1}{4}$ S, B, P,
no other trees within limits

69,27 A. & P, R, R, br, E & W,

73,69 Road br's N, E, & S, W,

80,00 set a malpais stone

S, 22, N, R, 1, W,

chains

12 x 10 x 8 ins, 8 ins, in
the ground for cor 15
acres 26, 27, 34 & 35,
marked with 1 nolets
on S, & 2 nolets on E,
edges, & raised a
mound of stone alongside,
from which

A cedar 4 ins, dia, brs, N,
43° E, 18 lks, marked

S, 22, N, R, 1, W, S, 26, B, T,

A Cedar 11 ins, dia, brs,
S, 8° E, 78 lks, marked

S, 22, N, R, 1, W, S, 35, B, T,

Surface mountainous

Soil 3rd rate

Use Cedar & Pinon
Grass fair

J. 22. N. R. 1. W.

Chains

- E, on random line bet.
 Rees 26 & 35,
 Var. $14^{\circ} 05' E$,
- 4,87 Road, bet N, E, & S, W,
 40,00 dit temporary $\frac{1}{4}$ sec. cor.
 51,67 A. & P. R. R. bet S. W. & S. E. corners,
 53,56 Dry wash 30 lks, wide.
 course south.
- 60,00 Descend into cañon
 66,40 Bottom of cañon, course
 SW - ascend
- 79,96 Intersect N. & S. line
 8 lks. S. of cor. to Rees
 25, 26, 35 & 36,
 thence I run
 $S. 89^{\circ} 52' W$. on true line
 bet. Rees, 26 & 35,
 Var. $14^{\circ} 05' E$,
- 39,98 at a malpais stone

T. 22, N. R. 1, W.

chains

20x12x7 ins, 15 ins, in
the ground for $\frac{1}{4}$ sec, cor.
marked $\frac{1}{4}$ on N. face,
& raised a mound of
stone alongside, from
which a cedar 12 ins dia,
bears S. 34 links
marked $\frac{1}{4}$ S, B, T,
No other trees within limits

7996

Cor. to sec's 26, 27, 34 & 35,
Surface mountainous
Soil 3rd tal-

plense undergrowth
of scrub cedar
Grass poor

N. bet. sec's 26 & 27,
Dir. $14^{\circ} 05' E$,
over mountain ridges

T. 22, N. R. 1, W.

drains,

4000 Set a malpais stone
 18x9x8 ins, 12 ins. in the
 ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on W. face,
 & raised a mound of
 stone alongside,
 from which

A Cedar 8 ins. dia, brs, N,
 85° E, 110 lks, marked $\frac{1}{4}$ S, B, T.

A Cedar 6 ins. dia, brs, S, 61° W,
 82 lks marked $\frac{1}{4}$ S, B, T.

8000 Set a malpais stone
 17x10x6 ins, 11 ins. in the
 ground for cor. to sec's,
 22, 23, 26 & 27, marked
 with 2 nolets on S. & E,
 edges, & raised a
 mound of stone along-
 side, from which

S, 22, W, R, 1, W,

limits,

A Cedar 12 ins, dia, trs, N, 42° E,
78 links, marked

S, 22, W, R, 1, W, S, 23, B, P,

A Cedar 5 ins, dia, trs,
S, 31° E, 46 link marked

S, 22, W, R, 1, W, S, 26, B, P.

A Cedar 7 ins, dia, trs,
S, 40° W, 84 lks, marked

S, 22, W, R, 1, W, S 27 B, P,

No other trees within limits

Surface mountainous

Soil 3rd rate

Veget scrubby cedar
Grass poor

E. on random line

bet. res. 23 x 26,

Var, 14° 05' E,

40,000 lit temporary 1/4 res. cor

T. 22; N. R. 1, W.

ains

0.06

Intersect - N. & S line 14 lks
S. of cor. to sees, 23, 24, 25 & 26.

Thence I run

$88^{\circ} 54' W$, on true line
but sees, 23 & 26,

Var. $14^{\circ} 05' E$,

+0.03

Set a malpais stone
 $14 \times 10 \times 8$ ins, 9 ins, in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face,
& raised mound of
stone alongside, from
which a Cedar 8 ins, dia
tr's, N, $47^{\circ} E$, 38 lks,
marked $\frac{1}{4}$ S, B, T.

A Cedar 5 ins, dia, tr's,
S, $41^{\circ} W$, 67 links, marked
 $\frac{1}{4}$ S, B, T.

80.06

Cor. to sees, 22, 23, 26 & 27

S, 22; U, R, 1, W,

chains

Surface mountainous
Soil 3rd rate
Veget. scrubby cedar
Grass poor

U, bet. seas. 22, & 23,
Var. $14^{\circ} 05' E$,

10,00 Descend into cañon

13,00 Bottoms of cañon

Course W. - Ascend. -

21,00 Top mountain ridge
br. E. & W.

4000 Put a mark along
 $18 \times 10 \times 8$ ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face
& raised mound of
stone alongside,
from which a

S, 22, N, R, 1, W,

trains

Cedar 8 ins, dia, brs,
S, 34° E, 80 lks, marked $\frac{1}{4}$ S, B, T,
A Cedar 4 ins, dia,
brs S, 68° W, 34 lks,
marked $\frac{1}{4}$ S, B, T,

80,00

Set a Malpais stone
14 x 10 x 6 ins, 9 ins, in
the ground for cor. to
seas 14, 15, 22, & 23, marked
with 3 notches on S,
& 2 notches on E. edges,
& raised a mound of
stone along side
from which

A Cedar 20 ins, dia
brs, S, 46° E, 76 lks, marked
S, 22, N, R, 1, W, S 23, B, T,

A Cedar 16 ins, dia, brs, S, 14° W, 84 lks
marked S, 22, N, R, 1, W, S 22, B, T,

T. 22, N. R. 1, W.

chains

Woods trees within limits
 Surface rolling
 Soil 3rd rate
 Dense scrubby cedar
 Grass fair

6, on random line

bet. sec's 14 & 23,

Var, $14^{\circ} 05' E$,

4000 set temporary $\frac{1}{4}$ sec. cor.

89'04 Intersect - N. & S. line

18 lks. N. of cor. to sec's

13, 14, 23 & 24,

thence I run

N. $89^{\circ} 52' W$, on true line

bet sec's 14 & 23,

Var, $14^{\circ} 05' E$,

4002 set a malpais stone

14 x 12 x 10 ins, 9 ins. in

T. 22. N. R. 1. W.

hairs

the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N. face
 & raised a mound of
 stone along side
 from which a Cedar
 10 ins. dia. br. N. 80° E. 85 lks.
 marked $\frac{1}{4}$ S, B, T,

A Cedar 5 ins. dia. br. S,
 43° W. 47 lks. marked $\frac{1}{4}$ S, B, T,

84.04

cor. to sees. 14, 15, 22, & 23,
 surface rolling

Oil 2nd rate

Thuse scrubby Cedar
 Good Grass

N. bat. sees. 14 & 15,
 bar. 14° 15' E

40.00

at a malpais stone
 17 x 10 x 8 ins, 11 ins. in

T, 22; N, R, 1, W,

chains.

the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face &
raised a mound of
stone alongside,
from which,

A Cedar 8 ins. dia. br. S, 10° W.
8 lks, marked $\frac{1}{4}$ S, B, T

A Cedar 5 ins. dia. br. N, 34° W.
62 lks, marked $\frac{1}{4}$ S, B, T

43.00 Descend into cañon

51.50 Bottom of cañon,
course S, W,

52.00 Ascend

61.00 Top mountain ridge
br. N. E. & S, W,

80.00 Put a walrus stone
16 x 10 x 10 ins, 10 ins. in
the ground for cor. to
secs. 10, 11, 14 & 15,

S. 22. N. R. 1. W.

chains.

marked with 4 notches
on S, & 2 notches on E edges
& raised a mound
of stow alongside,
from which

A Cedar 8 ins. dia, brs,
N, 63° E, 71 lks, marked
S, 22, N, R, 1 W, S, 11, B, T,

A Cedar 4 ins. dia, brs,
S, 41° E, 53 lks. marked
S, 22, N, R, 1 W, S, 14, B, T,

A Cedar 7 ins. dia, brs
S, 40° W, 50 lks, marked
S, 22, N, R, 1 W, S, 15, B, T,

No other trees within limits,

Surface mountainous

Soil 3rd rate

Veget scrubby cedar
Grassland

S. 22. N, R, 1, W.

chains,

6, on random line
bet. sees. 11, & 14,
Dip, $14^{\circ} 05' E$,

31, 00 descend into cañon
36, 15 Bottom of cañon
course S, W, - ascend

49, 00 Sit temporary $\frac{1}{4}$ sec. cor.
47, 00 Top mountain ridge
bears N, E, & S, W,

ascend gradually
80, 14 Intersect N, & S, line
14 lks. S. of cor. to sees.
11, 12, 13 & 14,
thence I run
S, $89^{\circ} 54' W$, on true line
bet. sees. 11 & 14,
Dip, $14^{\circ} 05' E$,

40, 07 Set a malpais stone
14 x 10 x 8 ins, 9 ins. in

T. 22, N., R., 1, W.

lands.

the ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,
 & raised a mound of
 stone alongside, from
 which a Cedar 8 ins.
 dia. brs, N, 10° E. 46 lks,
 marked $\frac{1}{4}$ S, B, T,

@ Cedar 10 ins, dia,
 brs, S, 41° W, 84 lks,
 marked $\frac{1}{4}$ S, B, T,

80, 14 cor. to sec, 10, 11, 14 & 15,

Surface mountainous
 Soil 3rd rate

Woods scrubby Cedar
 Grass poor

N. brt. sec. 10 8 11

var. 14° 15' E.

4000. at a malpais stone

G, 22. W, R, 1, W,

chains,

16 x 8 x 7 ins, 10 ins, in the ground for 1/4 sec. cor, marked 1/4 on W. face, & raised a mound of atoms alongside from which

A cedar 8 ins, dia, hrs, N 87° E, 54 lbs, marked 1/4 S, B, G,

A cedar 5 ins, dia, hrs S. 32 W, 31 lbs, marked 1/4 S, B, G,

50,00

Set a malford along 14 x 12 x 8 ins, 9 ins, in the ground for cor, to res 2, 3, 10 x 11, marked with 5 nolets on S, & 1 nolet on E, edges & raised a mound of atoms alongside from which

S. 22, N, R, 1, W.

chains.

A cedar 7 ins, dia, brs,
N, 41° E, 48 lks, marked
S. 22, N, R, 1, W, S. 2, B, G,

A cedar 5 ins, dia, brs,
S, 48° E, 34 lks, marked
S. 22, N, R, 1, W, S, 11, B, G,

A cedar 10 ins, dia, brs,
S, 61° W, 110 lks, marked
S. 22, N, R, 1, W, S, 10, B, G,

A cedar 8 ins, dia, brs,
N, 41° W, 124 lks, marked
S. 22, N, R, 1, W, S. 3, B, G,

Surface rolling

Soil 2nd rate

Woods mostly cedar

Grass fair

S. on random line
bal. res. 2, 8 11,

S. 22, N. R. 1, W.

chains,

4000
79,95

Var, $14^{\circ} 05' E$,
Set temporary $\frac{1}{4}$ sec. cor.
Intersect N. & S. line
18 lks. S. of cor. to sees.
1, 2, 11, & 12,

thence I run
 $S. 89^{\circ} 52' W$, on true line
bet. sees, 2 & 11

39,97

Var, $14^{\circ} 05' E$,
Set a malpais stone
 $16 \times 14 \times 8$ ins. 9 ins. in
the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on
N. face, & raised a
mound of stones
alongside
from which
a cedar 6 ins. dia.
bore N. $10^{\circ} E$, 34 lks, marked

J. 22. N. R. 1. W.

trains.

$\frac{1}{4}$ S, B, T,

Cedar 5 ins. dia, brs, S 30°

W. 123 lks, marked $\frac{1}{4}$ S, B, T,

995 Cor. to seas 2, 3, 10, & 11,

Surface rolling

Dial 2nd rate

Heavy scrubby cedar

Stems fair

N, on random line
but seas, 2 & 3,

Var. 14° 05' E,

+0,00 Set temporary $\frac{1}{4}$ sea. cor.

8021.

Subsect-N. by of

of 10 lks. W. of cor

to seas, 2, 3, 34, & 35,

previously established

by me,

thence I run

S, 22, W, R, 7, W

chains.

S, $0^{\circ} 04' W$, on true line
bet. sees, 2, & 3,
var. $14^{\circ} 05' E$,

40, 21

Set a malpais stone
 $17 \times 10 \times 6$ ins, 11 ins, in
the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on
W. face & raised a
mound of stone
alongside
from whichA cedar 8 ins, dia, frs,
 $S, 74^{\circ} E, 80$ lks, marked $\frac{1}{4}$ S, B, P.
A cedar 5 ins, dia, frs
 $S, 68^{\circ} W, 34$ lks, marked $\frac{1}{4}$ S, B, P.

80, 21

Cor. to sees, 2, 3, 10, & 11,

surface rolling

Dial 3rd val

Hence scrubby cedar

J. 22. W. R. 1. W.

Trains,

Good Graes



J, 22, U, R, 1, W,

ains,

Then returning to cor. to
aces, 3, 4, 33, & 34, on S.
by of township, previously
established by me, I

run
N. bet. aces, 33 & 34

Var, $14^{\circ} 05' E$,

37.00

A. & P. R. R. course $S 45^{\circ} W$.

40.00

Set a mark of stone
 $12 \times 12 \times 12$ ins, 8 ins, in
the ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face &
raised a mound of
stone alongside,
from which

A Cedar 20 ins. dia. brs.

$S 80^{\circ} W$, 33 lks, marked $\frac{1}{4}$ S. B. S.

No other trees within limits

43.10

Road, brs. E. & W,

J. 22. N. R. 1. W.

chain
8000

Set a mahais stone
 14 x 12 x 10 ins, 9 ins,
 in the ground for cor.
 to sees. 27, 28, 33 & 34,
 marked with 1 notch
 on S. & 3 notches on E,
 edges, & raised a mound
 of stone alongside
 it's impracticable,
 Surface rolling
 Dail 3rd rate
 Parubby Cedar
 Grass Good

E, on random line
 bet. sees. 27. & 34,
 Var. 14° 05' E,

4000
50, 10

set temporary $\frac{1}{4}$ sec. cor.
 Intersect - N. & S. line

T, 22, U, R, 1, W,

chains,

12 lts. N. of cor. to sees,
26, 27, 34, & 35,
thence S. run
N. $89^{\circ} 55'$ W. on true line
bet. sees. 27 & 34,
var. $14^{\circ} 05'$ E,

40, 05 - Set a malpais stone
 $18 \times 14 \times 8$ ins., 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,
& raised a mound
of stone along side,
from which

A Cedar 8 ins. dia. br. S,
50 lts. marked $\frac{1}{4}$ S. B. P.
No other trees within limits

80, 10 Cor. to sees. 27, 28, 33 & 34.

Surface rolling
Dial 3rd rate

S, 22, N, R, 1, W.

chains

Dense scrubby cedar
 Grass fair

U. bet. sec. 27 & 28,

Var, $14^{\circ} 05' E$,

through dense underbrush

40,00

Set a malpais stone

30x10x4 ins, 22 ins, in

the ground for $\frac{1}{4}$ sec. cor.marked $\frac{1}{4}$ on W. face,

& raised a mound

of stone alongside

from which

A Cedar 6 ins. dia, brs, S, 80° W, 39 lks, marked $\frac{1}{4}$ S, B, D,A Cedar 10 ins. dia, brs, N, 10° E, 57 lks, marked $\frac{1}{4}$ S, B, D,

46,00 Dry wash, 1 chain wide

Course, $90^{\circ} W$,

S, 22, W, R, 1, W,

chains,

50.00

Set a malpais stone
 14x12x6 ins, 9 ins, in the
 ground for cor. to obs.
 21, 22, 27 + 28, marked
 with 2 nolets on S, &
 3 nolets on E. edges, &
 raised a mound of
 stone alongside, from
 which a Cedar, 6 ins, dia
 brs. N, 50° E, 106 lbs, marked
 S, 22, W, R, 1, W, S, 22, B, P,
 A Cedar 8 ins, dia, brs, S, 45°
 E, 71 lbs, marked
 S, 22, W, R, 1, W, S, 27, B, P,
 A Cedar 9 ins, dia, brs, S,
 60° W, 70 lbs, marked
 S, 22, W, R, 1, W, S, 28, B, P,
 A Cedar, 5 ins, dia, brs, N, 10°
 W, 33 lbs, marked,

T. 22. N. R. 1. W.

chain

T. 22. N. R. 1. W. S. 21, B. 9,

Surface broken

Dial 3rd scale

Grass Good

Klense Cedar

E. on random line

bet. sees. 22, & 27,

Var. $14^{\circ} 05' E$,40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.14 Intersect N. & S. line

8. lks. N. of cor. to sees,

22, 23, 26 & 27,

Thence I run

N. $89^{\circ} 57' W$, on true line

bet. sees. 22, & 27,

Var. $14^{\circ} 05' E$,

40.07 Set a Malpais stone

14 x 12 x 10 ins. Pins, in

S. 22, N. R. 1. W.

chains,

the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
& raised a mound
of stone alongside
from which

A cedar 14 ins. dia. brs,
N. 23° E, 87, links
marked $\frac{1}{4}$ S, B, T,

A cedar 4 ins. dia. brs,
S, 10° E, 34 links,
marked $\frac{1}{4}$ S, B, T,

80.14 Cor. to sees. 21, 22, 27 & 28,

Surface rolling

Sail 3rd row

Myse scrubby cedar

Grass fair

N. bet. sees. 21. & 22

Var. $14^{\circ} 05' E$

S. 22, N. R. 1, W.

- drains.
- 38.00 through dense cedar
dry wash, 12 lks. wide
course N.W.
- 40.00 Set a Malpais stone
18x10x6 ins, 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,
& raised a mound of
stone alongside
from which
A cedar 8 ins. dia, brs.
S. 30° E, 51 lks, marked
 $\frac{1}{4}$ S. B. S.
- A cedar 10 ins. dia,
brs, 59 lks, marked
 $\frac{1}{4}$ S. B. S.
- 75.00 descend over bluff of
rock 20 ft. high.
- 80.00 Set a Malpais stone

T. 22, N. R. 1, W.

chains,

15 x 8 x 6 ins, 10 ins, in
the ground for cor. to
secs. 15, 16, 21 & 22,
marked with 3 nodules
on S. & E. edges. & raised
a mound of plow
alongside. Pits in-
practicable.

Surface broken
Soil 3rd soil
Grass Good
Neuse Cedar

E. on random line
bet. secs. 15 & 22.

Var. 14° 05' E.

40.00
80.06

Set temporary $\frac{1}{4}$ sec. cor.
Subsect - N. & S. line
2 1/2 kts. N. of cor. to sec.

S. 22, N. R. 1. W.

chains.

14, 15, 22, & 23,
thence I run
N. $89^{\circ} 51' W$, on true
line bet. sec. 15 & 22
Var. $14^{\circ} 05' E$,

40,03

Set a malpais stone
 $18 \times 11 \times 7$ ins, 12 ins,
in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on
N. face, & raised a
mound of stones
alongside, from which
A cedar. 4 ins. dia, brs. S. $46^{\circ} E$,
38 lks, marked $\frac{1}{4}$ S, B, T.

A cedar 10 ins. dia, brs. S. $34^{\circ} W$,
57 lks, marked $\frac{1}{4}$ S, B, T. —

80,06

Cor. to sec. 15, 16, 27, & 22,
Surface rolling
Dial 2nd rate

T, 22, N, R, 1, W.

chains,

Use scrubby cedar
Grass fair

U. lat. Secs. 15 x 16

Var. 14° 05' E

21,00

Cañon 2 dis. wide

course N 90° W.

40,00

Set a malpais stone
14 x 12 x 12 ins. 9 ins. in
the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W.
face & raised a mound
of stone along side
from which

A cedar 15 ins. dia. frs. N. 20° E.

25 lks. marked $\frac{1}{4}$ S. B. P.

A cedar 10 ins. dia. frs. N. 30° W.

80 lks. marked $\frac{1}{4}$ S. B. P.

80,00

Set a sandstone 20 x

No. 1073

S. 22, N. R. 1. W.

chairs,

6x6 ins, 15 ins, in the
ground for cor. to Res.
9, 10, 15 & 16, marked
with 4 nolets on S, &
3 nolets on E. edges, &
raised a mound of
stone along side,
Pits impracticable,
Surface rolling
Soil 3rd rate
Grass good

Heavy oak brush

E. on random line, bet.
Res. 10 & 15,

Var. $14^{\circ}05' E$,

40.00 Set temporary $\frac{1}{4}$ Res. cor.
80.06 Intersect N. & S. line 14
lk. S. of cor. to Res. 10, 11, 14 & 15,

S. 22, N. R. 1, W.

chains.

thence I run
 S. 89° 54' W, on true line
 bet. sees. 10 & 15,

Var. 14° 05' E.

40.03

Set a Mahais stone 17 x 11 x
 5 ins, 11 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
 face, & raised a mound of
 stone alongside, from which
 Cedar 7 ins. dia, brs. S. 36° E.
 7 1/2 kts, marked $\frac{1}{4}$ S, B, T,

Cedar 5 ins. dia, brs. S. 48° W,
 6 1/2 kts, marked $\frac{1}{4}$ S, B, T,

80.06

Cor. to sees 9, 10, 15, & 16,

Surface rolling

Soil 3rd rate

Woods scrubby cedar
 Grass fair,

S. 22, N. R. 1, W.

chains

N. bet. sees, 9. & 10, -

var. $14^{\circ} 15' E.$

Through dense underbrush

1000 Dry wash 1 ch. wide
course S. $45^{\circ} W.$

4000 Hit a sandstone $24 \times 18 \times$
 4 ins. 18 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on W. face, & raised a
mound of stone along
side. Pits impracticable

8000 Hit a sandstone $40 \times 16 \times$
 4 ins. 30 ins. in the
ground for cor. to sees,
3, 4, 9 & 10, marked with
5 notches on S. & 3 notches
on E. edges, & raised
a mound of stone
alongside, pits impracticable,

S. 22. N. R. 1. W.

chains

Surface broken
 Soil 3rd rate
 Grass Good
 Hence oak brush

E. on random line
 but, acc. 3 & 10.
 var. 14° 05' E.

23.00 Dry wash 25 lks. wide
 course S.

40.00 Set temporary $\frac{1}{4}$ acc. cor.

79.94 Intersect N. & S. line
 10 lks. S. of cor. to acc.
 2, 3, 10, & 11.

Hence I run
 S. 89° 56' W. on true line
 but, acc. 3 & 10.
 var. 14° 05' E.

39.97 Set a sandstone 16 x

S. 22, N. R. 1, W.

chains

13x5 ins, 11 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face, &
raised a mound of
stone alongside, from
which a cedar 4 ins,
dia, brs, N, 14° E, 60 lks,
marked $\frac{1}{4}$ S, B. $\text{\textcircled{D}}$

A cedar 8 ins, dia, brs, S,
 28° W, 16 lks, marked $\frac{1}{4}$ S, B. $\text{\textcircled{D}}$

79.94

Cor, to sees. 3, 4, 9 & 10,

Surface broken

Soil 3rd rate

Heuge scrubby cedar
Grass fair

x

N. on random line
bet. sees. 3 & 4,

Var, $14^{\circ} 05' E$,

S. 22, N. R. 1, W.

main.	through dense oak brush
36.00	heavy wash 1 ch. wide course S, 45° E,
40.00	set temporary $\frac{1}{4}$ sec. cor.
80.04	Intersect - N. by of $\frac{1}{4}$ sec. 14 lks. W. of sec. 3, 4. 33, & 34, previously es- tablished by me, thence I run S, 0° 06' W. on true line bet. sec. 3 & 4. Same $\frac{1}{2}$
40.04	set a sandstone 20x 6x6 ins, 15 ins. in dia ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face & raised a mound of stone alongside Pits impracticable
80.04	Cor. to sec. 3, 4, 9, & 10,

S. 22, N. R. 1, W.

ains,

Surface mountainous
Dare 3rd rate

Heuse scrubby cedar
Grass Good

~~~~~

Carefully examined  
& tested instrument  
& solar apparatus  
today & found them  
correct.

~~~~~

S. 22. N. R. 1. W.

chain,

Then returning to
cor. to sees, 4, 5, 32, & 33,
on S. by of $\frac{1}{4}$, previously
established by me,
I run N. bet. sees 32 & 33
var, $14^{\circ} 05' E$,

34.77 A. & P. R. R. course
S. $77^{\circ} W$.

40.00 Set a marker about
 $14 \times 10 \times 6$ ins, 9 ins, in
the ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face
& raised a mound of
stone alongside
from which,

Acidar. 12 ins, dia, brs, S. 20°
E. 177 lks, marked $\frac{1}{4}$ S. B. P.
Acidar 6 ins, dia, brs, N. 70°
W. 61 lks, marked $\frac{1}{4}$ S. B. P.

T. 22, N. R. 1, W.

chains

71.00 Road, hrs. E. & W.

80.00 Set a mahair stone
 $36 \times 24 \times 24$ ins, 26 ins, in
 the ground for cor. to
 Secs. 28, 29, 32, & 33,
 marked with one notch
 on S, & 4 notches on E,
 edges & raised a mound
 of stone alongside,
 from which,

A Cedar 6 ins dia, hrs,
 N, 65° E. 23 lks, marked
 T. 22, N. R. 1, W. S. 28 B. 9

A Cedar 6 ins dia, hrs, S,
 50° W. 58 lks, marked
 T. 22, N. R. 1, W. S. 32, B. 9

No other trees within limits.

Surface broken

Soil 3rd rate

S. 22, N, R, 1. W,

chains,

Grass Good

Dense cedar and
oak brush



on random line
bet. aces. 28 & 33,

Var. $14^{\circ} 05' E$,

through dense underbrush

40.00

Set temporary $\frac{1}{4}$ ace. cor.

80.10

Intersect - N. & S. line

14 lks. N. of cor. to aces.
27, 28, 33, & 34,

thence I run

N, $89^{\circ} 54' W$, on true line
bet. aces. 28 & 33,

Var. $14^{\circ} 05' E$,

40.05-

Set a malpais stone

$17 \times 12 \times 6$ ins, 11 ins, in
the ground for $\frac{1}{4}$ ace.

T. 22, N., R., 1, W.,

chains

cor. marked $\frac{1}{4}$ on N.
face, & raised a mound
of stone alongside,
it's impracticable,

80.10

Cor. to sees. 28, 29, 32, & 33,

Surface rolling

Dial 2nd rate

thence scrubby cedar

Grass fall

U. bet. sees. 28 & 29,

Dir. $14^{\circ} 05' E$,

through dense underbrush

36.00

Dry wash, 1 ch. wide

course N. 70° W.

40.00

Set a maphais stone

$15 \times 10 \times 4$ ins, 10 ins, in

the ground for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4}$ on W. face

J. 22 W. R. 1. W.

chains

- 56,00 & raised a mound of stone alongside, pits impracticable, descend over bluff of rock 20 ft. high.
- 58,00 Dry wash 4 chs. wide course S. 60° E.
- 62,00 Ascend over bluff of rocks 40 ft. high.
- 78,00 Dry wash 1 ch. wide, course S. 45° E.
- 80,00 Set a Malpais stone 17x12x6 ins., 11 ins. in the ground for cor. to 22s, 20, 21, 28 & 29, marked with 2 nolets on S, & 4 nolets on E. edges, & raised a mound of stone

S. 22, N. R. 1, W.

hairs,

alongside, Pits unfeas-
ible.

Surface broken

Dial 3rd rate

Grass Good

Hence under brush

E, on random line bit,
Reas, 21 & 28,Var, $14^{\circ} 05' 6''$,

Through dense cedar brush

4,00 Dry wash 1 ch. wide
course S. 60° W,4,000 dit temporary $\frac{1}{4}$ sec. cor.

79,80 Intersect N. & S. line

80 lks. S. of cor. to Reas,

21, 22, 27 & 28,

Thence I run

S. $89^{\circ} 26' W$, on true line

S. 22, N., R. 11W.

chains,

bet. sec. 21 & 28.

var. $14^{\circ} 05' E$,

39.90

Set a malpais stone

12 x 10 x 6 ins, 8 ins. in

the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on

N. face & raised a mound of stone along side, pits impracticable

79.80.

Cor. to sec. 20, 21, 28, & 29.

Surface broken

Soil 3rd oak

Grass Good

Dense Cedar

N. bet. sec. 20 & 21,

var. $14^{\circ} 05' E$,

Through dense oak

& cedar brush

S. 22, N, R, 1, W.

chains,

- 4000 Set a marble stone
 $12 \times 12 \times 4$ ins, 8 ins, in
 the ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on W. face
 & raised a mound of
 stone alongside, from
 which a cedar 8 ins, dia, brs,
 $N, 85^\circ E, 33$ lks, marked $\frac{1}{4}$ S, B, D,
 A cedar 12 ins, dia, brs, S,
 $60^\circ W, 9$ lks, marked $\frac{1}{4}$ S, B, D,
- 4300 Dry wash, 1. ch. wide
 course S $80^\circ E,$
- 8000 Set a sandstone box
 20×4 ins 45 ins, in the
 ground for cor. to res,
 16, 17, 20 & 21, marked
 with 3 notches on S,
 and 4 notches on E,
 edges, & raised a

S. 22, N. R. 1, W.

chains,

mound of algae
 along side, pits
 impracticable,
 Surface broken
 Soil 3rd rate
 Grass Good

thence under brush

E. on random line
 bet. sees, 16 & 21

Var. $14^{\circ} 05' E$

18.00 Dry wash, 1 ch, wide
 bet. S. 5° E,

4000 bet temporary $\frac{1}{4}$ sec. cor.

80.09 Intersect - N. & S. line
 10 lks. N. of cor. to sees
 15, 16, 21, & 22.

thence I run
 $N. 89^{\circ} 56' W.$ on true line

T. 22. W. R. 1. W.

hans,

bet. sees, 16 & 21,
var. 14° 05' E,

40.04

Set a marker about
18x10x6 ins, 12 ins, in
the ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face,
& raised a mound
of stone along side
from which a cedar
8 ins. dia, brs, S. 4° W,
120, lbs, marked $\frac{1}{4}$ S, B, D,
no other trees within limits.

80.09

cor. to sees, 16, 17, 20 & 21
Surface broken
Dial 3rd rate

Thuse scrubby cedar
Grass fair



T. 22, N. R. 1. W

hairs.

N. lat. sec, 16 & 17,
var, 14° 05' E,

through dense oak brush

4000

Set a sandstone 18x
10x8 ins, 12 ins, in
the ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face
& raised a mound
of stone alongside
Pits impracticable

8000

Set a sandstone
30x8x3 ins, 22 ins, in
the ground for cor. to
sec, 8, 9, 16 & 17, marked
with 4 nolets on S,
& E. edges, & raised
a mound of stone
alongside,
Pits impracticable,

T. 22. W. R. 1. W.

chain

Surface broken
Soil 3rd rate
Grass Good

Dense underbrush

E. on random line
but sees. 9, & 16,

Var. $14^{\circ} 05' E$

Through dense underbrush

40,00 let temporary $\frac{1}{4}$ sec. cor,

47,00 Dry wash 80 lks. wide
course S. W.

50,12 Intersect - N. & S. line
22. lks. S. of cor. to sees.
9, 10, 15 & 16,

thence I run

S. $89^{\circ} 51' W$. on true line
but, sees. 9 & 16,

Var. $14^{\circ} 05' E$,

S. 22, N. R. 1. W.

Trains

40,06

Set a sandstone 30
x 18 x 5 ins, 22 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
& raised a mound
of stone along side,
Its impreciseable

80, 12

Cor. to sec 8, 9, 16 & 17

Surface broken

Soil 3rd rate

Grass Good

Dense oak brush

N. bet. sec. 8 & 9

Var. $14^{\circ} 05' E$,

Through dense cedar

40,00

Set a sandstone

12 x 12 x 6 ins, 8 ins, in

the ground for $\frac{1}{4}$ sec,

S. 22, W. R. 1, W.

chains

cor. marked $\frac{1}{4}$ on W.
face, & raised a mound
of stone, alongside
from which a cedar
12 ins. dia, brs. N, 10° W,
15 lks, marked $\frac{1}{4}$ S, B, G.
A cedar 10 ins. dia, brs.
N, 20° E, 65 lks, marked
 $\frac{1}{4}$ S, B, G.

8000

Set a sandstone $15 \times$
 12×6 ins, 10 ins, in the
ground for cor. to Res.
4, 5, 8 & 9, marked
with 5 nolets on S,
and 4 nolets on E,
edges & raised a
mound of stone
alongside, from
Pits impracticable

S. 22. W. R. 1. W.

Chains.

Surface rollings
 Roll 3rd rate
 Grass Good
 dense under brush

on random line

bet. sees. 4 & 9,

var. $14^{\circ} 05' E$,

4000 Get temporary $\frac{1}{4}$ sec. cor.

53.17 Dry wash, 85 lks, wide

80.08 ^{any 2nd} intersect 'N. & S. line

21 lks. S. of cor. to sees.

3, 4, 9 & 10,

thence I run

S. $89^{\circ} 51' W$, on true line

bet. sees. 4 & 9,

var. $14^{\circ} 05' E$,

40.04 Get a marble stone

18 x 10 x 6 ins, 12 ins, in

J. 22. N. R. 1. W.

chain.

the ground for $\frac{1}{4}$ sec,
cor, marked $\frac{1}{4}$ on N.
face, & raised a
mound of stone along-
side, from which
A cedar 7 ins, dia, brs,
S, 40° E, 123 lks, marked
 $\frac{1}{4}$ S, B, G.

A cedar 9 ins, dia, brs,
N, 10° W, 104 lks, marked $\frac{1}{4}$ S, B, G.

80, 08

Cor. to sec, 4, 5, 8, & 9.

Surface rolling
Oil 3rd rate
thuse scrubby cedar
Grass fair

N, on random line
bet. sec, 4 & 5
var, 14° 05² E,

S, 22, N, R, 1. W.

Drains,

4,000
80,14

Set temporary $\frac{1}{4}$ sec. cor.
Intersect W. by of T.P.
10 lks. W. of cor. to sees.
4, 5, 32, & 33, previously
established by me,
thence I run

S, $0^{\circ} 04' W$, on true line
bet. sees, 4 & 5,
var, $14^{\circ} 05' E$,

40,14

Set a sandstone $14 \times 8 \times 6$ ins, 9 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face,
from which a
cedar 4 ins, dia, brs, S, 83°
E, 120 lks, marked $\frac{1}{4}$ S, B, T.
cedar 7 ins, dia, brs, S, $61^{\circ} W$,
43 lks, marked $\frac{1}{4}$ S, B, T.

80,14

Cor. to sees, 4, 5, 8, & 9,

F. 22. W. R. 1. W.

hairs.

Surface rolling
Soil 3rd rate
New scrubby cedar
Grass fair

T. 22. N. R. 1. W.

Chairs.

Thence returning to
 cor. to Secs. 5, 6, 31 & 32,
 S. by of $\frac{1}{4}$ previously
 established by me,
 I run N. bet. Secs. 31 & 32
 $14^{\circ} 05' E$,

40.00

Set a marble stone
 $18 \times 12 \times 6$ ins., 12 ins., in
 the ground for $\frac{1}{4}$ sec. cor.,
 marked $\frac{1}{4}$ on W. face
 & raised a mound of
 stone alongside,
 from which a cedar
 12 ins. dia. brs. N. $40^{\circ} E$,
 50 lks, marked $\frac{1}{4}$ S, B, T.
 No other trees within limits.

49.10

A. & P. R. R., brs. N. $87^{\circ} W$.

71.10

Road brs. E. & W.

93.11

Drng wash, 124 lks, wide

S. 22 N. R. 1. W.

chains

course West,
 8000' Cut a malpais stone
 14 x 12 x 8 ins, 9 ins, in
 the ground for cor. to
 sec. 29, 30, 31 & 32,
 marked with 1 nolet
 on S, & 5 nolets on E
 edges & raised a
 mound of stone
 along side, from which
 a cedar 8 ins, dia, brs,
 N, 45° E, 111 lks, marked
 S, 22, N, R, 1, W, S, 29, B, 9.
 A cedar 6 ins, dia, brs,
 S, 70° E, 26 lks, marked
 S, 22, N, R, 1, W, S, 32, B, 9.
 A cedar 12 ins, dia, brs,
 S, 85° W, 52 lks, marked
 S, 22, N, R, 1, W, S, 31, B, 9,

S. 22, N, R, 1, W.

chains,

A Cedar 8 ins, dia, frs.
 N, 55° W, 21 lks, marked
 S, 22, N, R, 1, W, S, 30. B, 9,
 Surface broken
 Soil 3rd rah -
 Grass fair
 Several cedar and
 under brush

on random line
 bet, Res, 29, & 32,
 var, 14° 05' E,

Through dense cedar brush

40.00

44.38

Set temporary $\frac{1}{4}$ sec. cor,
 dry wash, 160 lks, wide,
 course S, W.

79.84

Intersect = N, & S, line
 32 lks, S, of cor, to Res,
 28, 29, 32, & 33,

S. 22. N. R. 1. W.

chains

Thence I run
S, 89° 46' W. on true line
bet. sees, 29 + 32,
Var, 14° 05' E,

39,92 Aft a malpais stone
16 x 10 x 6 ins, 10 ins, in
the ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
& raised a mound
of stone alongside
It's impracticable.

79,84 Cor. to sees, 29, 30, 31 & 32,
Surface broken
Dail 3rd rate
Grass Good
Dense Cedar

W. on random line
bet. sees, 30 + 31,

T. 22, N. R. 1. W.

Chains,

Var. $14^{\circ} 05' E$,

Through dense cedar
 set temporary $\frac{1}{4}$ sec. cor.
 future W. by of Fr.
 S. lks. N. of cor. to sees.
 25, 30, 31 & 36, previously
 established by me,

Thence I run

N. $89^{\circ} 57' E$, on true line
 bet. sees, 30 & 31

Var. $14^{\circ} 05' E$,

89, 55 - set a malpais stone
 $12 \times 12 \times 6$ ins, 8 ins, in
 the ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,
 & raised a mound
 of stones along side,
 from which,
 a cedar 6 ins, dia, bro

S. 22. N. R. 1. W.

chains

U, 45° E, 20 lks, marked $\frac{1}{4}$ S, B, G,
 A cedar 10 ins, dia, trs, S, 20°
 E, 25 lks, marked $\frac{1}{4}$ S, B, G,

7953 - Cor, to Res, 29, x 30, 31 x 32,

Surface rolling
 Soil 3rd rate

Dense scrubby cedar
 Grass fair

U, bet, Res, 29 x 30

Var, 14° 05' E,

4006 Set a mark on a stump
 10 x 9 x 6 ins, 6 ins, in the
 ground for $\frac{1}{4}$ Res. cor,
 marked $\frac{1}{4}$ on W. face,
 & raised a mound
 of stump alongside
 from which a cedar 9 ins, dia,
 trs, N. 75° W, 42 lks, marked $\frac{1}{4}$ S, B, G,

S. 22, N. R. 1, W.

chains,

Acidar 10 ins, dia, brs S. 80° E,
Hills, marked $\frac{1}{4}$ S, B, P,

45.00

Ascend Sandstone hill

80.00

at a Sandstone 24x

12x3 ins, 18 ins, in the

ground for cor. to res.

19, 20, 29, & 30, marked

with 2 nolets on S, &

5 nolets on E, edges, &

raised a mound of
stone alongside,

Pits impracticable,

Surface broken

Trail 3rd rate

Grass Good

Scrubby cedar

E. on random line
br. res, 20x29,

S. 22. N. R. 1. W.

chains,

- 0 var. $14^{\circ} 05' E$,
 Through dense oak brush
 4,000 Set temporary $\frac{1}{4}$ sec. cor,
 75,50 Dry wash 1 ch. wide
 course S, $45^{\circ} E$,
 80,14 Intersect N. & S. line
 10 lks. S. of cor. to sec,
 20, 21, 28 & 29,
 Thence I run
 S. $89^{\circ} 56' W$, on true line
 bet. sec. 20 & 29,
 0 var. $14^{\circ} 05' E$,
 40,07 Set a sandstone $24 \times$
 15×4 ins, 18 ins. in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face.
 & raised a mound
 of stone along side
 it's infeasible.

T. 22. N. R. 1. W.

chain

80.14

Cor. to Secs 19, 20, 29 & 30,

Surface rolling

Dial 2nd rateVery scrubby cedar
Grass fair

W. on random line

bet. Secs. 19, & 30,

Dial, $14^{\circ} 05' E$,

4000

Cut temporary $\frac{1}{4}$ sec. cor.

79.52

Intersect W. by of the
18 lks. S. of cor. to Secs.19, 24, 25 & 30, previous
by established by me,
thence I runS, $89^{\circ} 52' E$, on true

line bet. Secs. 19 & 30,

Dial, $14^{\circ} 05' E$,

39.52

at a nailhead about

J. 22, N. R. 1. W.

Chains.

17 x 10 x 6 ins, 11 ins, in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, &
raised a mound of
stone alongside,
from which a cedar
8 ins. dia, br, S, 12° E,
67 lks, marked $\frac{1}{4}$ S, B, G,
A cedar 7 ins. dia, br, N, 41° W,
38 lks, marked $\frac{1}{4}$ S, B, G,

79.52 Cor. to reas, 19, 20, 29, & 30

Surface level

Soil 2nd rate

Thyse scrubby Cedar
Grass Soil

N. bet. reas. 19 & 20

Var. 14° 05' E.

40.00

Set a sandstone 30 x 12

S. 22. N. R. 1. W

chains.

x 3 ins, 24 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face,
& raised a mound
of stone alongside,
from which a Piton
8 ins, dia, brs, S. 30° E,
97 lks, marked $\frac{1}{4}$ S. B. P.

A Piton 12 in, dia, brs,
30 $^{\circ}$ E, 77 lks, marked $\frac{1}{4}$ S. B. P.

8000

Set a marker stone
20 x 8 x 5 ins, 15 ins, in the
ground for cor. to sec
17, 18, 19 & 20, marked
with 3 noletus on S,
& 5 noletus on E. edges,
& raised a mound
of stone alongside
but impracticable,

S. 22, N. R. 1, W.

chains.

Surface broken
 Soil 3rd rate
 Grass Good

Dense oak & cedar
 brush

E. on random line
 bet. sees 17 & 20,

Var, $14^{\circ} 05' E$,

Through dense brush

2000' dry wash 200 ft. deep
 1 ch. wide, course $S. 2^{\circ} W$.

4000' set temporary $\frac{1}{4}$ sec. cor.

7992' Intersect - N. & S. line

14 lks. S. of cor. to sees

16, 17, 20 & 21,

thence I run

$S. 89^{\circ} 54' W$. on true line
 bet. sees 17 & 20.

S. 22. N. R. 1. W.

Chain

Bar, $14^{\circ} 05' E$,

39,96 Set a sandstone $72 \times 16 \times 4$ ins., 55 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, & raised a mound of stone alongside from which

a cedar 6 ins. dia, brs S. 10° W, 33 lks, marked $\frac{1}{4}$ S. B. P,

a cedar 8 ins. dia, brs N. 5° E, 59 lks, marked $\frac{1}{4}$ S. B. P,

79,92 cor. to res 17, 18, 19 & 20,
Surface broken
Dial 3^{rd} rail

Thyse scrubby cedar
Grass fair

W. on random line

S. 22. N. R. 1. W.

chains.

bet. sees, 18 x 19,
var, $14^{\circ} 05' E$,

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

48.00 placed abruptly off
high mesa, bet, N.W. & S.E.

68.00 Foot of mesa

79.57 Intersect W. by of v.h.

11 lks. N. of cor. to sees
13, 18, 19, & 24, previously
established by me,

Thence I run

N, $89^{\circ} 55' E$, on true line
bet. sees, 18 x 19,

var, $14^{\circ} 05' E$,

39.57 Set a sandstone 17 x

7 x 5 ins, 11 ins, in the

ground for $\frac{1}{4}$ sec. cor,

marked $\frac{1}{4}$ on N. face

& raised a mound

S. 22, N. R. 1, W.

chain.

of stone alongside
from which a cedar 4 ins.
dia, brs, S. 10° W. 68 lks.
marked $\frac{1}{4}$ S, B, P.

A cedar 5 ins. dia, brs. N.
 20° E, 43 lks. marked $\frac{1}{4}$ S, B, P.

79.57

Cor. to aces. 17, 18, 19 & 20
Surface mountainous
Soil 3rd rate

Dense scrubby cedar

N. bet. aces. 17 & 18,
bar. $14^{\circ} 05' E$,

Through dense underbrush

40.00

hit a mahar about
18x10x10 ins, 12 ins. in
the ground for $\frac{1}{4}$ ace. cor.
marked $\frac{1}{4}$ on W. face
& raised a mound

S, 22, N, R, 1, W.

chains.

8000

of stone alongside
 pits impracticable,
 set a mahair stone
 26 x 12 x 12 ins, 18 ins, in
 the ground for cor. to
 ces, 7, 8, 17 x 18, marked
 with 4 notches on S, x
 5 notches on E, edges
 & raised a mound
 of stone alongside,
 from which a cedar
 10 ins, dia, brs, N, 10° E,
 19 links, marked
 S, 22, N, R, 1, W, S, 8, B, 9,
 A cedar 9 ins, dia, brs, N,
 45° W, 27 links, marked
 S, 22, N, R, 1, W, S, 7, B, 9,
 A cedar 12 ins, dia, brs,
 S, 5° E, 97 lks, marked

S. 22, N. R. 1, W.

chain.

S. 22, N. R. 1, W. S. 17, B. 9,
A cedar 12 ins. dia, brs.
S. 80° W. 77 lks, marked

S. 22, N. R. 1, W. Q. 18, B. 9,

Surface rolling

Soil 3rd rate

Grass Good

Never cedar brush

On random line
bet. rees, 8 x 17,

var. 14° 05' E,

4000 Set temporary $\frac{1}{4}$ ree. cor.

5000 Intersect - N. x S. line

14 lks. S. of cor. to rees,

8, 9, 16 x 17.

Thence I run

S. 89° 54' W. on true line

bet. rees, 8, x 17,

T. 22, N. R. 1, W.

hairs.

Var. $14^{\circ} 05' E$,

4000

Set a malpais stone
 $12 \times 10 \times 6$ ins, 8 ins. in
 the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N.
 face, & raised a mound
 of stone alongside
 from which

A cedar 4 ins, dia, brs, S, $45^{\circ} E$,
 18 lks, marked $\frac{1}{4}$ S, B, G.

A cedar 8 ins, dia, brs, S, $40^{\circ} W$,
 57 lks, marked $\frac{1}{4}$ S, B, G.

8000

cor. to sec, 7, 8, 17 & 18.
 Surface mountainous
 Soil 3rd rate

Heavy undergrowth
 Scattering cedar
 Grass fair

S. 22, N. R. 1, W.

Chains.

W. on a random line
 bet. sec. 7, & 18,
 Var, $14^{\circ} 05' E$.

4000 Set temporary $\frac{1}{4}$ sec. cor.
 47,00 Descend off mesa top,
 N. & S,

79,41 Intersect W. by of sh.
 18 lks. S. of cor. to sec.
 7, 12, 13, & 18, previously established by one
 of these I run
 S, $89^{\circ} 52' E$, on true line
 bet. sec. 7, & 18,
 Var, $14^{\circ} 05' E$.

39,41 Set a sandstone
 18 x 14 x 7 ins, 12 ins, in
 the ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face,
 & raised a mound
 of stone alongside

S. 22, N, R, 1, W.

chains.

from which a cedar
4 ins. dia, brs. S, 14° W, 68
lks, marked $\frac{1}{4}$ S, B, G.

A cedar 4 ins. dia, brs. N,
28 lks, marked $\frac{1}{4}$ S, B, G.

79, 41 cor. to Res. 7, 8, 17, & 18.

Surface mountainous

Dial 3rd val

Dense cedar & oak brush
Espresso floor.

x

U. bet. Res. 7 & 8,

Var. 14° 05' E.

Through dense cedar

40,000 Set a mahair stone

18 x 10 x 6 ins, 12 ins. in

the ground for $\frac{1}{4}$ sec.

cor. marked $\frac{1}{4}$ on W.

face & raised a mound

S, 22, N, R, 1, W,

chains,

of stone along side
 from which a cedar
 10 lks. dia, brs N, 45° W
 10 lks, marked $\frac{1}{4}$ S, B, T.
 Cedar 6 ins, dia, brs N, 40° E,
 37 lks, marked $\frac{1}{4}$ S, B, T.

8000

Set a sandstone 14x10
 x6 ins, 9 ins, in the
 ground for cor. to Res.
 5, 6, 7, & 8, marked with
 5 notches on S, & E. edges,
 & raised a mound of
 stone along side,
 from which a cedar 12 ins.
 dia, brs N, 58° E, 36 lks, marked
 S, 22, N, R, 1, W, S, 5, B, T.
 Cedar 10 ins, dia, brs N, 30° W,
 71 lks, marked
 S, 22, N, R, 1, W, S, 6, B, T.

J, 22, N, R, 1, W,

Chairs.

No other trees within limits

Surface rolling

Dial 3rd rail

Grass & wood

Dense underbrush

6th bet. seas. 5 & 8, on random line

Var. 14° 05' E,

Through dense cedar

36.00 Leave timber,

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

45.00 Enter timber

79.38 Interval - N. & S. line

14 lks. N. of cor. to seas.

4, 5, 8, & 9,

Thence I run

N. 89° 54' W. on true line

bet. seas. 5 & 8,

Var. 14° 05' E,

S, 22, N, R, 1, W

Drains

39,69 Set a sandstone $15 \times 8 \times$
 6 ins, 10 ins, in the
 ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face,
 & raised a mound of
 stone along side,
 its impracticable.

49,38 Cor. to res, 5, 6, 7 & 8,
 Surface mountainous
 Soil 3rd rate
 Grass Good
 Wood underbrush

W, on random line
 bet. res, 6, & 7,

Dip, $14^{\circ} 05' 16''$

over mountain ridges

4000 Set temporary $\frac{1}{4}$ sec. cor,
 58,06 blazed into canon

S. 22, N. R. 1, W.

chains,

69.50 Dry wash, 10 lks. wide
course N. E.79.12 Entered - W. by of Sh.
16 lks. S. of cor. to lines,
1, 6, 7, & 12,Thence I run
S. 89° 53' E, on true line
bet. lines 6, & 7.

Var. 14° 05' E,

39.12 Put a sandstone 17 x 11
x 5 ins, 11 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
& raised a mound
of stone alongside
from which a cedar
7 ins. dia, brs, N, 14° E,
23 lks, marked $\frac{1}{4}$ S, B, T,
A cedar 11 ins, dia, brs,

S. 22, N. R. 1, W.

chains,

S, 10° E, 47 lks. marked
 $\frac{1}{4}$ S. B. S.

79.12 cor. to res. 5, 6, 7 & 8,
 surface mountainous
 Soil 3rd rate

House scrubby cedar
 Grass poor,

N. on random line
 bet res. 5 & 6,
 bearing $14^{\circ} 05' E$,

descend over moun-
 tain ridges,

38.00 Dry wash 15 lks. wide
 course N. W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.08 future - N. by of
 sh. 12 lks. E. of cor.
 to res. 5, 6, 31, & 32

S, 22, N, R, 1, W,

chains

previously established
by me.

thence I run

S, 0° 05' E, on true line
bet sees, 5, & 6,

Var. 14° 05' E,

40, 08

Set a sandstone 17 x
11 x 5 ins, 11 ins, in the
ground for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4}$ on W. face,
& raised a mound

of stone alongside,
from which

a cedar 5 ins, dia, brs,

N, 73° E, 47 lks. marked $\frac{1}{4}$ S, B, C.

A cedar 11 ins, dia, brs S
63° W, 68 lks, marked $\frac{1}{4}$ S, B, C,

80, 08

cor. to sees, 5, 6, 7 & 8,

surface mountainous

J, 22, N, R, 1, W

chain

Soil 3rd row
 dense scrubby cedar
 grass field

Carefully examined
 & tested instrument
 & solar apparatus.
 Today & found them
 correct,

For final notes see
 last book (No 28)
 of survey.

S. 22, N. R. 1, W.

Chairs.

General Description
The surface of this town-
ship is broken & in
many places mountain-
ous. The soil is 2nd and
3rd rate and the grass
fair. The town of Fair-
view is situated in the
northern portion of
Sec. 36. & the A.P.R.R.
crosses the extreme
southern portion of
township from E. to W.
Timber fair, Cedar, Pine
Pine, Juniper etc, with
dense brush in many
places.

For Final Oaths See Book no 28

105

BOOK 1078

S, 22, u, R, 1, Ws

haus,

U. S. Surveyor General's Office,

Tucson, Arizona, *July 13,* 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 22 North
Range 1 West

Of the Gila and Salt River Base and Meridian, Arizona, executed by *J. J. Smith*

Deputy Surveyor, under his contract of the *24th*

day of *July*, 188*3*, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe

are hereby approved

Royall Johnson
 Surveyor General.