

alter
spiced

Was made

Understands

No. 1071

BOOK 1071

Field Notes

OF THE SURVEY OF THE

Subdivision lines

BOOK 1071

-OF-

No. 1071

Township *20 N.* Range *3 W.*

Gila and Salt River Base and Meridian

ARIZONA.

No. 1071

By *J. T. Smith* D.S.

Under contract dated *July 24th* 18*83*

Survey commenced *Oct. 8th* 18*83*

Survey completed *Oct. 25th* 18*83*

1071

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Township 20 N, Range 3 W

Gila and Salt River Meridian.

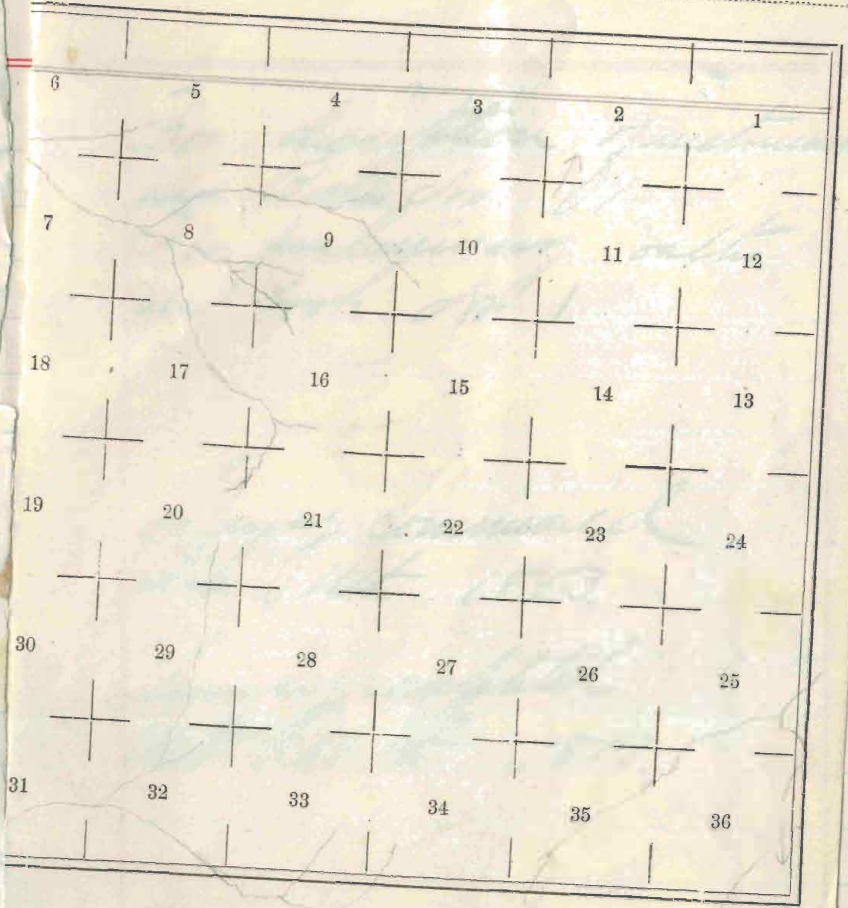
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Referring the lines to the pages of the field notes.

Township 20N

Range 3 West M.

S₂



Subdivisions T2S. N. R. 3. W.

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For description of instruments
see Book No. 11
For preliminary notes
see book No. 1

Survey commenced
Oct 11th 1853

Survey completed
Oct 13th 1853.

10

T. 20. N. R. 3. W.

Chains

From the Cor to Secs 1, 2, 35
and 36 on the S By of the $\frac{1}{4}$
recently established by me
I run

North bet Secs 35th and 36
On $14^{\circ} 15' E$

over rolling surface

40.00 Set a Sandstone $14 \times 10 \times 10$ ins
9 ins in the ground for $\frac{1}{4}$ sec
Cor. Marked $\frac{1}{4}$ on W face.
From which

A Juniper 14 ins diam brs $N. 27^{\circ} E$
63 lbs dist. Marked $\frac{1}{4}$ S. B. T.

A Pinon 9 ins diam brs $S. 20^{\circ} W$
27 lbs dist. Marked $\frac{1}{4}$ S. B. T.

73.50 Cross dry wash 15 lbs side cor. N. E.

80.00 Set a Sandstone $16 \times 12 \times 8$ ins
11 ins in the ground for Cor to
Secs 35, 36, 35 and 36. Marked
with 1 notch on S and E edges

No. 1071

T. 20 N. R. 3 W.

chains

From which

A juniper 6 ins diam brs N 50° E
 12 lbs dist. Marked T. 20 N. R. 3 W.
 Sec 25, B. T.

A juniper 8 ins diam brs S. 84° E
 82 lbs dist. Marked T. 20 N. R. 3 W.
 S 36, B. T.

A juniper 6 ins diam brs S. 28° W
 70 lbs dist. Marked, T. 20 N. R. 3 W.
 Sec 35, B. T.

A juniper 8 ins diam brs N. 70° W.
 23 lbs dist. Marked T. 20 N. R. 3 W.
 S 26 B. T.

Surface rolling & hilly
 Soil 3d rate

Dense juniper timber
 and oak brush

good grass

T. 20 N. R. 3 W.

Chains

East on a random line
bet Secs 25 and 36

Va $14^{\circ} 15' E$

Descend gradually

8.75 Dry wash 15th side Co NE

Ascend gradually

4000 Set temporary $\frac{1}{4}$ Sec Cor

79.96 Intersect E By of Tp 11th S
of Cor to Secs 25, 30, 31 and 36
Thence down

S $89^{\circ} 35' W.$ on a true line
bet Secs 25 and 36, with same va

39.98 Set a sandstone $13 \times 13 \times 3$ ins
9 ins in the ground for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}$ on N face.
and raised a mound of stone
alongside. pits unpracticable

79.96 The Cor to Secs 25, 26, 35 and 36.

Surface rolling

Soil 3^d rate

7.20 A. R. 3 W.

Chains

Dense scrubby juniper
and oak brush

North bet Secs 25nd and 26
On $14^{\circ} 15' E$

Over rolling surface

4,000

Set a Sandstone $11 \times 8 \times 8$ ins, 7 ins
in the ground for $1/4$ Sec Cen. Marked
 $1/4$ on W. face, and raised a mound
of stone alongside, pit impracticable
from which

A juniper 14 ins diam brs $N 46^{\circ} E$
29 lbs dist. Marked $1/4$ S. B. T.

A juniper 8 ins diam brs $S 45^{\circ} E$
17 lbs dist. Marked $1/4$ S. B. T.

8,000

Set a Sandstone, $12 \times 10 \times 8$ ins
9 ins in the ground for bear to Secs
23, 24, 25 and 26, Marked with
2 Notches on S, and 1 Notch on

51

T. 20 N. R. 3 W.

Charms

Edges. from which
A Juniper 6 ins diam brs N. 35° E
32 lbs dist. Marked T. 20 N. R. 3 W
S 24 B.T.

A Juniper 12 ins diam brs S. 36° E
71 lbs dist. Marked T. 20 N. R. 3 W.
S 23. B.T.

A Juniper 14 ins diam brs S 76° W.
27 lbs dist. Marked T. 20 N. R. 3 W
S 24. B.T.

A Juniper 10 ins diam brs N 42° W.
84 lbs dist. Marked T. 20 N. R. 3 W.
S 23. B.T.

Surface rolling
Sut 3^d rate
Dense Juniper
good grass

T. 20 N. R. 3 W.

chains

East bet Secs 24 and 25;
 Va $14^{\circ}15'$ E

Over rolling surface

4000 Set temporary $\frac{1}{4}$ Sec cor -

80.16 Intersect E By of $\frac{1}{4}$ Sec 25 thro S of
 the cor to Secs 19, 24, 25 and 30
 recently established by me;

Hence down

S. $89^{\circ}49'$ W. on a true line
 bet Secs 24th and 25, with same va

40.08 Set a Sandstone $17 \times 12 \times 6$ ins

11 ins in the ground for $\frac{1}{4}$ Sec

Cor. Marked $\frac{1}{4}$ on N face
 from which

A juniper 8 ins diam brs N 12° E
 57 ths dist. Marked $\frac{1}{4}$ S. B. T.

A juniper 15 ins diam. brs S 38° W
 47 ths dist. Marked $\frac{1}{4}$ S. B. T.

80.16 The cor to Secs 23, 24, 25 and 26.

Surface rolling

7.20 N. R. 3 W.

Charns

Soil 3^d rate
Dense Juniper
Good grass

North bet Secs 23 and 24
Cr. 14° 15' E

Over rolling surface

40.00 Set a Sandstone 14 x 12 x 8 ins
11 ins in the ground for 1/4 Sec cor
Marked 1/4 on W face.

From which

A Juniper 10 ins diam, br S. 24° E.
67 lbs dist, Marked 1/4 S. B. T.

A Juniper 12 ins diam br S. 22° W
38 lbs dist; Marked 1/4 S. B. T.

8.000 Set a Sandstone 14 x 8 x 6 ins
11 ins in the ground for cor to
Secs 13, 14, 23, and 24. Marked
with 3 notches on S. and 1 notch

720 N. R. 3 W.

Chains

on E edges, and raised a
Mound of Stone alongside
Tunn which

A Juniper 8 ins diam br N78°E
44 lbs dist. Marked 720 N. R. 3 W.
S 13. B. 7.

A Juniper 10 ins diam br S 69°E
44 lbs dist. Marked 720 N. R. 3 W.
S 24. B. 7.

A Juniper 8 ins diam br N45°W
26 lbs dist. Marked 720 N. R. 3 W.

S 14. B. 7. no other trees within limits

Surface rolling

Soil 3⁵ rate

House Juniper timber
and oak brush

good grass

T. 20 N. R. 3 W.

Chains

Cast on a sandstone line
bet Secs 13 and 24

Va $14^{\circ} 15'$ E

Over rolling Surface

4000 Set temporary $\frac{1}{4}$ Sec Cor

79.82 Intersect E by of Tp 27 N
S of Cor to Secs, 13, 18, 19 and 24
recently established by me
Thence down

S $89^{\circ} 48'$ W on a true line
bet Secs 13 and 24, with same
Va.

39.91 Set a Sandstone $12 \times 8 \times 6$ ins
9 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on N face
From which

A Juniper 14 ins diam br S 81° E
74 Nks dist. Marked $\frac{1}{4}$ S. B. T.

A Pinon 9 ins diam br S 15° W.
11 Nks dist. Marked. $\frac{1}{4}$ S. B. T.

7.20 N. R. 3 W.

Chains

79.82

The Cor to Secs 13, 14, 23 and 24.
 Surface rolling & hilly
 Soil 3^d rate
 Dense Juniper & Pinon timber
 Scattering Oak brush
 Some grass

North bet Secs 13 and 14
 Va $14^{\circ} 15' E$

Over rolling Surface

4000

Set a Sandstone, $12 \times 12 \times 7$ ins.

9 ins in the ground for $\frac{1}{4}$ Sec Cor
 Marked $\frac{1}{4}$ on W face.
 From which

A Juniper 12 ins diam brs E
 67 lks dist, marked $\frac{1}{4}$ S. B. T.

A Pinon 6 ins diam
 brs $N 7^{\circ} W$. 54 lks dist,
 marked $\frac{1}{4}$ S. B. T.

T. 20 N. R. 3 W.

Chains

8000

Set a post 4 ft. long 4 ins. square, with marked ends, 12 ins. in the ground for Cor. to Secs, 11, 12, 13 and 14 marked T. 20 N. S. 12 on N. E. H. 3 W. S. 13 on S. E. S. 14 on S. W. S. 11 on N. W. face, with 4 notches on S. end 1 notch on E. edge, and 1 pits 18 x 78 x 12 ins. in each Sec., 54 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base. around post.

Surface rolling & hilly

Soil 3^d rate

Dense Oak brush

and scattering Juniper

and pine brush

East on a random line
bet Secs 12 and 13

Ca 14° 15' E

Over rolling surface

4000

Set temporary 1/4 Sec. Cor.

T. 20 N. R. 3 W.

chains

80.18

Intersect East-By of Tp
3th N of the Cor to Secs
7, 12, 13 and 18, recently est-
ablished by me.

thence I run

N. 89° 59' W. on a true line

bet Secs 12 and 13, with same

40.09

Set Sandstone 10 x 10 x 6 ins.

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

Marked 1/4 on N face

from which

A Juniper, 5 ins diam bro N 7° E

45 lbs dist. Marked 1/4 S. B. T.

A Juniper 7 ins diam. bro S 41° E.

85 lbs dist. Marked 1/4 S. B. T.

80.18

The Cor to Secs 11, 12, 13 and 14

Surface rolling hills

Soil 3^d rate

Dense Juniper

Good Grass

7.20 N. R. 3 W.

Chains

North bet Secs 11^{and} 12
 Va 14° 15' E

Over rolling surface.

4000

Set a sandstone 17x7x7 ins
 11 ins in the ground for 1/4 Sec
 Cor. Marked 1/4 on W face
 From which

A Juniper 11 ins diam brs N. 17° E
 57 lbs dist, Marked 1/4 S. B. T.

A Juniper 6 ins diam brs N 45° W
 67 lbs dist, Marked 1/4 S B. T.

8000

Set a post 4 ft long 4 ins square
 24 ins in the ground for bet to
 Secs 1, 2, 11 and 12 Marked
 720 N, S. 1 on NE

R. 3 W. S 12 on SE

S 11, on S W. and ?

S. 2, on N. W. faces

From which

A Juniper 18 ins diam br N

T. 20 N. R. 3 W.

Chains

21° E. 27 lbs dist. Marked T. 20 N.
R. 3 W. S. 1. B. T.

A Juniper 4 ins diam brs S 43° E
152 lbs dist. Marked T. 20 N.
R. 3 W. S. 12. B. T.

A Juniper 14 ins diam brs S 89° W
74 lbs dist. Marked T. 20 N.
R. 3 W. S. 11. B. T.

A Juniper 14 ins diam brs N. 14° W
60 lbs dist. Marked T. 20 N.
R. 3 W. Sec 2. B. T.

Surface rolling

Soil 3^d rate

Dense Juniper and Pinon
good grass

East on a random line
bet Secs 1 and 12

Va 14° 15' E

T. 20 N. R. 3 W.

chains

Over rolling Surface

4000 Set Temporary $\frac{1}{4}$ Sec Cor

80.02 Intersect E By of T₁₄ W₁₄
S of cor to Secs 1, 6, 7 and 12
recently established by me.
Thence I run

S $89^{\circ} 34'$ W. on a true line
bet Secs 1 and 12, with same cor.

4000 Set a Sandstone $14 \times 10 \times 4$ ins
9 ins in the ground for $\frac{1}{4}$ Sec cor
Marked $\frac{1}{4}$ on N face.
From which a

Juniper 10 ins diam brs N 45° E
112 lbs dist. Marked $\frac{1}{4}$ S. B. T.

A Juniper 14 ins diam brs S 56° W
109 lbs dist. Marked $\frac{1}{4}$ S. B. F.

80.02 The cor to Secs 1, 2, 11 and 12.

Surface rolling

Soil 2. etc

Hence Juniper + Pinon

7.20 A. R. 3 W.

Chains

North on a true line bet.
Ses. 1 and 2

va 140 15° E.

Over hilly surface

+0.00

Set a limestone rock 11x11x6
ins. 7 ins. in the ground for.

"4 in. cor. marked "4 on

N. face and raised a mound

of stone alongside. *Pits impracticable*

53.84

Inward: 5th Standard 3682 Ch.N. of the ^{5th} cor. to Ses. 31 and 32

at point of intersection. Set

a limestone 20x5x5 ins 15 ins.

ins in the ground for. Along

cor. to Ses. 1 and 2 marked

L.C. with 1 notch on E. and

5 notches on N. edge, and raised

a mound of stone alongside.

Pits impracticable

Surface rolling & hilly

7.20 N. R. 3 W.

Chains

Soil 2nd. rate
 Dense juniper brush
 I carefully examined the
 adjustments of my solar
 instrument to fix particularly
 the latitude and meridian apparatus
 and found them correct!

From the cor to Secs. 2, 3, 34
 and 35, on the South By of the
 Tp., recently established by me
 I run

North bet Secs 34 and 35

On $14^{\circ} 15' E$

over rolling surface

4000

Set a sandstone $12 \times 11 \times 11$ ins
 9 ins in the ground for $\frac{1}{4}$ Sec Cor
 Marked $\frac{1}{4}$ on W face
 From which

A juniper 16 ins diam brs $N 48^{\circ}$
 E. 52 lbs dist, Marked $\frac{1}{4}$, S. B. T.

T. 20 N. R. 3 W.

Chains

A Pinon 10 ins diam brs S 37° W. 38 lbs
dist. Marked 1/4 S. B. T.

8000

Set a sandstone 18 x 10 x 5 ins.
12 ins in the ground for Co. to Secs
26, 27, 34 and 35. Marked with
1 notch on S. and 2 notches on E
edges. from which

a Pinon 6 ins diam brs N 42° E. 60 lbs
dist. Marked T. 20 N. R. 3 W. S. 26. B. T.

A Juniper 12 ins diam brs S 55° E. 58 lbs dist
Marked T. 20 N. R. 3 W. S. 35. B. T.

A Juniper 16 ins diam brs S 26° W. 45 lbs
dist. Marked T. 20 N. R. 3 W. S. 34. B. T.

A Pinon 8 ins diam brs N. 30° W. 50 lbs
dist. Marked T. 20 N. R. 3 W. S. 27. B. T.

Surface rolling and hilly
Soil 3d set

Dense Juniper
and Pinon timber

T. 20 N. R. 3 W.

chains

Coast on a random line
bet Secs 26 and 35

On $14^{\circ} 15' E$

Over hilly country

4000 Set temporary $\frac{1}{4}$ Sec Cor

80.12 Intersect N and S line 21^{1/2} M S
of Cor to Secs 23, 26, 35 and 36.

Thence four

S $89^{\circ} 51'$ true line
bet. Secs 26 and 35, with same var.

4006 Set a Sandstone $12 \times 10 \times 5$ ins
9 ins in the ground for $\frac{1}{4}$ Sec Cor.
Marked $\frac{1}{4}$ on N face, and
raised a Mound of Stone
slingside, pits impracticable

80.12 The Cor to Secs 22, 23, 26 and 27.

Surface hilly

Soil 3^d rate

Dense oak brush
and juniper

T. 20 N. R. 3 W.

Chains

North bet Secs 26 and 27
 Va 14° 15' East

Over rolling surface

4000

Set a Sandstone 12 x 10 x 10 ins
 9 ins in the ground for 1/4 Sec
 Cor. Marked 1/4 on W face.
 From which

A Juniper 14 ins diam brs S 28°
 E, 56 lbs dist, Marked 1/4 S. B.T.

A Juniper 15 ins diam brs S 21°
 N, 71 lbs dist, Marked 1/4 S B.T.

8000

Set A Sandstone 18 x 8 x 8 ins
 12 ins in the ground, for Cor to
 Secs 22, 23, 26 and 27. Marked
 with 2 Notches on S and E edges
 and raised a mound of stone
 alongside. A Juniper 14 ins diam
 brs S. 89° W, 125 lbs dist Marked
 T. 20 N. R. 3 W. S 27 B.T.
 no other trees within limits,

7.20 N. R. 3. W.

Chains

Surface hilly ^{3rd} rollingSoil 3rd rate

Dense Oak brush & Juniper

good grass

East on a random line

bet Secs 253 and 26

C_a 14° 15' E

Over rolling surface

4000 Set temporary 1/4 Sec Cor

80.12 Intersect N + S line 8 then N

of Sec to Secs 23, 24, 25 and 26

Thence down

N 89° 57' W. on a true line
bet Secs 253 and 26with same C_a -

40.06 Set a sandstone 16 + 6 + 6 ins

11 ins in the ground for 1/4 Sec

Cor. Marked 1/4. on N face.

7.20 N. R. 3 W.

Chains

from which.

A Juniper 12 ins diam brs
N71°E, 56 lks dist, Marked '4 S, B.T.

A Pinon 9 ins diam brs S,
57° W, 18 lks dist, Marked '4 S, B.T.

So. 12 The Cor to Secs, 22, 23, 26^{and} 27

Surface rolling

Soil 3^d rate

Dense Juniper and Pinon
scattering Oak brush

North bet Secs 22^{and} 23

On 14° 15' E

Over rolling surface

4000

Set a Sand Stone 14 x 12 x 5 ins
9 ins in the ground for '4 Sec Cor,
Marked '4 on N. face, and raised
a mound of Stone alongside
fit impracticable

T. 20 N. R. 3 W.

Chairs

8,000

Sera Sandstone $14 \times 14 \times 8$ ins
 9 ins in the ground for locs Secs
 14, 15, 22, and 23. Marked with
 3 notches on S and 2 notches on
 E. edges and raised a mound
 of stone alongside

Surface rolling

Soil 3^d rate

Dense Oak + cedar brush
 and scrubby Juniper

T. 20 N. R. 3 W.

Chains

East on a random line
bet Secs 14 and 23,
On $14^{\circ} 15' E$

Over rolling country

4000 Set temporary $\frac{1}{4}$ Sec Cor,
80.16, Intersect N and S line 10 Wks N
of Cor. to Secs 13, 14, 23 and 24
Thence I run

N. $89^{\circ} 56' W.$ on a true line
bet Secs 14 and 23, with same cor.

44.08. Set a Sandstone, $13 \times 10 \times 3$ ins
10 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on N face, from which
A Juniper 12 ins diam brs N
 $14^{\circ} E$. 66 Wks dist, Marked $\frac{1}{4}$ S.B.T.

A Pinen 8 ins diam brs $S 65^{\circ}$
W. 80 Wks dist Marked $\frac{1}{4}$ S.B.T.

80.16 The Cor to Secs, 14, 13, 22 and 23
Surface rolling
Soil 3^d rate

T. 20 N. R. 3 W.

chains

Dense juniper
Good grassNorth bet Secs 14 and 15
on $14^{\circ} 15' E$

Overrolling Country

40.00 Set a Sandstone $12 \times 10 \times 5$ ins,
9 ins in the ground, for '14 Sec Cor.
Marked '14 on W face, from whichA Juniper 6 ins diam br N
 $43^{\circ} E$, 17 lbs dist, Marked '14 S. B. T.A Juniper 8 ins diam, br S. $40^{\circ} W$
34 lbs dist, Marked '14 S. B. T.80.00 Set a Quartz stone $12 \times 10 \times 6$ ins, 9 ins. in
the ground for Cor. to Secs. 10, 11, 14 & 15 marked
with 4 notch on S. and 2 notch on E. edges.
dig pits $18 \times 18 \times 18$ ins. in each sec. 5 ft.
dist. and run a mound of earth 7 ft. high,
4 ft. base. alongside.

Surface rolling

1.20 N. R. 3 W.

Chains

Soil 3^d rate

Good grass

Dense Oak & Cedar brush

East on a random line
bet Secs 11 and 14

On $111^{\circ} 15' E$

Over rolling Surface

28.00 Ascend ridge bet N+S.

33.50 Top of " " " "
descend

40.00 Set Temporary $1/4$ Sec Cor

45.00 Foot of ridge bet N+S.

79.90 Intersect N+S line 10 kts N of
Cor to Secs 11, 12, 13, and 14 -
Thence down

$N 89^{\circ} 55'$ West on a true
line bet Secs 11 and 14 with same on

39.90 Set a Sandstone $16 \times 12 \times 10$ ins

T. 20 N. R. 3 W.

Chains

11 ins in the ground for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}$ on N face
and raised a mound of stone
alongside, fits impracticable

79.90. The Cor to Secs 10. 11. 14^{and} 15.

Surface rolling & hilly

Soil 3^d rateDense Juniper rock brush
good grass

North bet Secs 10^{and} 11
On 14° 15' E

3, 15' Ascend ridge br N.E. + S.W.

15, 00 Top of same

21, 00 Set a Sandstone 14 x 10 x 5 ins
11 ins in the ground for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}$ on N face
from which a Juniper 6 ins diam
br E. 58 lbs diam; Marked $\frac{1}{4}$ S. 03 J.

720 N. R. 3 W.

Chains

A Juniper 15 ins diam brs S. 85°
W. 213 lks dist, Marked 1/4 S. B. T.

Foot of hill brs E + W.

8000 Set a Quartz rock 14 x 10 x 8 ins
9 ins in the ground for Cor to Sec
2. 3, 10 and 11. Marked with
3 notches on S. and 2 notches on
E edges, and raised a Mound
of Stone alongside.

A Juniper 18 ins diam brs S 41° E
143 lks dist, Marked 720 N. R 3 W
Sec 11 B. T.

A Juniper 18 ins diam brs S
41° W. 52 lks dist, Marked 720 N.
R. 3 W. S 10 B. T.

A Juniper 12 ins diam brs N 62°
W 96 lks dist, Marked 720 76.
R. 2 W. ~~S~~ B. T.

No other trees within limits
Surface rolling

7.20 A. R.3 W.

Chains

Soil 3^d rate
 Good grass
 Dense timber of Juniper
 Oak brush

East on a random line
 bet Secs 2 and 11
 Va $14^{\circ} 15'$ to

Descend

- 5.00 Middle of Small Cañon Co A.
 7.85 Leave Same Co A
 40.00 Set temporary $\frac{1}{4}$ Sec bar
 80.06 Intersect N and line 19 lbs
 N of bar to Secs 1, 3, 11 and 12
 Thence I run
 N $89^{\circ} 32'$ W. on a true line
 bet Secs. 2 and 11, with same va
 40.03 Set a Sandstone $14 \times 6 \times 6$ ins
 10 ins in the ground for $\frac{1}{4}$ Sec

7,20 N. R. 3 W.

Chains

Cor. Marked 14 on N face.
 from which, A juniper 12 ins diam
 less N. $1^{\circ} E$, 29 lbs dist, Marked 14 S. B. T.
 A juniper 10 ins diam br S, 43°
 N. 19, lbs dist, marked 14 S. B. T.
 80,06 The Cor to Secs 2, 3, 10 and 11.

Surface rolling

Soil 3^d rate

good grass

Dense Juniper timber

North bet Secs 2 and 3

N $14^{\circ} 15' E$

Over rolling surface

4000
 Set a windstone $12 \times 8 \times 7$ ins, 8 ins in
 the ground for 44 br. Cor. marked
 44 on N. face. from which a
 juniper 9 ins. in diam. br S, $22^{\circ} E$,
 71 lbs dist; marked
 44 S. B. T.

T. 20 N. R. 3 W.

Chains

A Juniper tree in diam.
 40. S. 420 W. 18 inches dia.
 marked 44 S.B.T.

5-2-51

Intersect 5th Standard ^{North}
 36.65 Ch. N. of the Cor.
 to S. 420 W. R. 2 and 3 W.
 which was recently established
 by me. At a point of
 intersection set a
 limestone 18 X 10 X 3 ins.
 12 ins. in the ground
 for clearing Cor. to Secs.
 2 and 3 marked S. W.
 with 4 rocks on N. and
 2 rocks on E. edges, and
 raised a mound of
 stone alongside.
 Pits; unfrackable
 surface rolling
 Soil ^{3rd} rate
 Dense Juniper timber and brush

T. 20 N. R. 3. W.

Chains

From the Cor to Secs 3, 4, 33 and 34
on the S By of the T_p. recently est-
ablished by me.

I run

North bet Secs 33 and 34

(Va $14^{\circ} 15' \text{ E}$)

ascend

40.00

Set a Sandstone $10 \times 10 \times 10$ ins. 7 ins
in the ground for '14 Sec Cor, Marked
'14 S. on W face, from which

I run a 12 ins diam br N
 75° W. 16 kts dist, Marked '14 S. B. T.

A Pinon 20 ins diam br S 30° E
25 kts dist, Marked '14 S. B. T.

56.00

Top of ridge br N. W. & S. E.

Descend

80.00

Set a Limestone $18 \times 12 \times 8$ ins, 12 ins
in the ground for Cor to Secs 27, 28
33 and 34, Marked with 1 notch on
S, and 3 notches on E edges,
from which

1.20 N. R.3 W.

Chains

A Pinon 8 ins diam brs N 85° E.
5 lbs dist marked 1.20 N. R.3 W.
§27 B.I.

A Juniper 12 ins diam, brs S 62°
E, 72 lbs dist, marked 1.20 N. R.3 W.
§34 B.I.

A Juniper 12 ins diam brs N
6° W. 70 lbs dist, marked 1.20 N. R.3 W.
§28. B.I.

No other trees within limits

Surface mountainous

Soil 4th rate. Stony

Dense Pinon & Juniper

East on a random line
bet Secs 27 and 34

On 14° 15' E

ascend

6.00 Top of Mountain brs N. 80° & S.E.

7.20 N. R. 3 W.

Chains

descend

35.00 Foot of same bro N W and S. E.

ascend Mesa bro N S

40.00 Set temporary $\frac{1}{4}$ Sec Cor

68.00 Descend from mesa bro N S.

80.24 Intersect N S line, 34ths N of Cor
to Secs 24, 27, 34 and 35

Thence down

N $89^{\circ}45'$ W, on a true line
bet Secs 27 and 34, with same or40.13 Set a sandstone $16 \times 14 \times 10$ ins
11 ins in the ground for $\frac{1}{4}$ Sec CorMarked $\frac{1}{4}$ on N face, from which
A Pinon 7 ins diam bro N 49° E
38 ths dist, marked $\frac{1}{4}$ S. B. T.A Pinon 12 ins diam bro S 45° W
22 ths dist, marked $\frac{1}{4}$ S. B. T.

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

Surface Mountainous
Soil 3rd rate

T. 20. N. R. 3 W.

Chains

Dense Pinon and dead
and fallen juniper

North bet Secs 27th and 28th
on $14^{\circ} 15' E$

Ascend

10.70 Top of ridge bet N.W. & S.E.
descend

21.00 Foot of ridge bet N.W. & S.E.
Ascend Mountain

40.00 Top of Mountain and
Set a Sandstone $17 \times 11 \times 8$ ins
12 ins in the ground for 1/4 Sec Cor
marked 1/4 on W face, and raised
a mound of stone alongside
pit impracticable

57.68 Foot of Mountain bet N.W. & S.E.
ascend another

68.00 Top of same bet N.W. & S.E. and

7.20 N. R. 3 W.

chains

descend.

80.00

Set a sandstone $22 \times 12 \times 7$ ins
14 ins in the ground. Marked with
2 notches on S. and 3 notches on E
edges, and raised a mound of stone
alongside

A Pinon 10 ins diam brs $S. 45^{\circ} E$
10 lbs dist. Marked 7.20 N. R. 3 W.
S 27. B. J.

A Pinon 10 ins diam brs $S. 36^{\circ} W$
12 lbs dist. Marked 7.20 N. R. 3 W.
S 28. B. J. no other trees within limits

Surface Mountainous

Soil 4th rate

Dense pinon timber

East on a random line
bet Secs 22 and 27
Va $14^{\circ} 15'$ E

T. 20 N. R. 3 W.

chains

Descend

2.30 Foot of ridge hrs N.W. & S.E.

Ascend

6.00 Top of ridge ^{hrs} N. & S.

descend. gradually through dense timber

2000 Set Temporary $\frac{1}{4}$ Sec Cor80.08 Intersect N and S line 15th S.

of Cor to Secs 22, 23, 26 and 27

Thence down

S $89^{\circ} 34'$ W. on a true line

bet Secs 22 and 27. with same va

40.04 Set a sandstone $12 \times 10 \times 8$ ins.9 ins in the ground for $\frac{1}{4}$ Sec CorMarked $\frac{1}{4}$ on N face, from which

A juniper 18 ins diam hrs S

 79° E. 6 lks dist. Marked $\frac{1}{4}$ S.B.T.

A juniper 12 ins diam hrs N.

 71° E. 43 lks dist. Marked $\frac{1}{4}$ S.B.T.80.08 The Cor to Secs 21, 22, 27th and 28.

Surface hilly

T. 20 N. R. 3 W.

Chains

Soil 3^d rate

Dense Pinon + Juniper

North bet Secs 21 and 22
 Va 14° 15' E

Descend

- 7.50 Foot of Ridge bet N.W. + S.E. Thence over
 broken country
- 40.00 Set a Sand Stone 14 x 8 x 6 ins.
 9 ins in the ground for 1/4 Sec bet
 Marked 1/4 on W face, and raised
 a mound of Stone alongside
 Pts impracticable
- 80.00 Set a Sandstone 12 x 8 x 8 ins, 9 ins
 in the ground for bet Secs 15, 16
 21 and 22, Marked with 3 notches
 on S and E edges, from which
 A Pinon 8 ins diam bet N 12° E
 72 ths dist, Marked T. 20 N. R. 3 W

T. 20 N. R. 3 W.

Chains

S 15° E. 21 B.T. A Juniper 10 ins diam
 lrs S 35° W. 138 lks dist. Marked T. 20 N
 R. 3 W. S 21 B.T. A Juniper 6 ins diam
 lrs N 16° W. 45 lks dist. Marked T. 20 N.
 R. 3 W. S 16 B.T. A Pinen 16 ins diam
 lrs S. 87° W. 92 lks dist. Marked T. 20 N.
 R. 3 W. S 21 B.T.

Surface rough

Soil 3^d rate

Dense Juniper timber
 and Oak brush

East on a random line
 bet Secs 15 and 22.

On 14° 05' E

Ascend

15.00 Top of high ridge lrs N & S. and descend
 40.00 Set temporary 1/4 Sec Cor
 79.98 Intersect N & S line 18 lks S of Cor

Y. 20 N. R. 3 W.

chains

To Secs 14, 15, 22 and 23.

Thence Iron, S $89^{\circ} 53'$ W, on a true line bet Secs 15 and 22, with same va

39.98

Set a Sandstone $16 \times 8 \times 8$ ins, 11 ins in the ground for 14 Sec Cor, Marked 14 on N, ^{back} from which

A Primm 16 ins diam brs N 13° E, 39 lbs dist, Marked 14 S, B.T.

A Juniper 6 ins diam brs N 31° W, 42

lbs dist, Marked 14 S B.T.

79.95

The cor. to Secs 15, 16, 21 and 22

Surface Mountainous

Soil 3rd rate

Dense Juniper and Primm

North bet Secs 15 and 16

On $14^{\circ} 05'$ E

along West Slope of mountain

40.00

Set a Limestone $16 \times 14 \times 3$ ins

T. 20 N. R. 3 W.

Chains

11 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on W face,

from which, A Cedar 8 ins diam
brs S 40° W, 19 lbs dist, Marked
 $\frac{1}{4}$ S. B.T. A Cedar 10 ins diam
brs S 48° E, 40 lbs dist, Marked $\frac{1}{4}$ S. B.T.

47.00 Ascend along S. W. slope

69.00 Top of West Side of Mountain

73.00 Descend, off N end of mountain

80.00 Set a Sandstone $14 \times 12 \times 5$ ins

11 ins in the ground for Cor to Secs
9, 10, 15 and 16. Marked with
4 notches on S, and 3 notches on E
edges. From which

A Cedar ^{5 ins in diam} brs N 40° W, 49 lbs
dist, Marked T. 20 N. R. 3 W. S. 9. B.T.

A Pinon 4 ins diam brs N 38°
E, 42 lbs dist, Marked T. 20 N. R. 3 W.
S 10. B.T.

A Pinon 4 ins diam brs S.

T. 20 N. R. 3 W.

Chains

30 E. 91 lbs dist - Marked T. 20 N. R. 3 W.
S. 15° B. T.

A Pinon 8 ins diam brs S 41° W.
65 lbs dist, Marked T. 20 N. R. 3 W.
S. 16° B. T.

Surface Mountainous

Soil 3^d or 4th

Dense cedar brush

Grass fair

East on a random line
bet Secs 10 and 15

On 14° 05' E

8.00 Descend E slope

40.00 Set temporary 14 Sec Cor

80.00 Intersect N and S line 17 lbs

N of cor to Secs 10, 11, 14 and 15

Thence down

N 89° 53' W on a true line

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BOOK 1071

T. 20. N. R. 3 W.

chains

bet Secs 10 and 15,

with same va

40.00 Lava Sandstone 14x10x8 ins
 11 ins in the ground for $\frac{1}{4}$ Sec
 Cor. Marked $\frac{1}{4}$ on N face
 from which

A Cedar 14 ins diam brs
 S 71° W. 87 lks dist, Marked $\frac{1}{4}$ S.B.T

A Pinon 8 ins diam brs
 East 40 lks dist, Marked $\frac{1}{4}$ S.B.T

80.00 The Cor to Secs 9, 10, 15 and 16

Surface Mountainous

Soil 3^d rate

Cedar brush

Grass fair

North bet Secs 9th and 10

va 14° 05' E

Descend

T. 20 N. R. 3 W.

Chains

38.00 Dry Wash Co NW

40.00 Set a Malpais Stone $14 \times 11 \times 8$ ins
 9 ins in the ground for $\frac{1}{4}$ Sec
 Cor Marked $\frac{1}{4}$ on W. face
 and raised a mound of stone
 alongside, pit impracticable
 from which. A cedar 8 ins
 diam brs S. 14° E. 38 lks dist.
 Marked $\frac{1}{4}$ S. B.T.

80.00 Set a Limestone $16 \times 10 \times 8$ ins
 11 ins in the ground for Cor to Secs
 3, 4, 9 and 10. Marked with
 3 notches on S. and 3 notches
 on E edges. from which
 A cedar 7 ins diam brs N
 41° W. 82 lks dist. Marked T. 20 N.
 R. 3 W. S. 4. B.T.

A cedar 12 ins diam brs N 84° E
 84 lks dist. Marked T. 20 N. R. 3 W.
 S 3 B.T.

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7.20 N. R. 3 W.

Chains

A cedar 8 ins diam brs S
43° W. 65 lbs dist Marked, 7.20 N.
R. 3 W. S 9. B. T.

A cedar 8 ins diam brs S, 48° E
67 lbs dist, Marked 7.20 N. R. 3 W.
S 10 B. T.

Surface mountainous
Soil 3d rate

Dense Cedar brush
Grass Fair

East on a random line
bet Secs 3 and 10

On 14° 15' E

Over rolling & hilly surface

40.00 Set Temporary 1/4 Sec Cor

80.06 Intersect N & S line 28 lbs S
of Cor To Secs 2, 3, 10 and 11.

Thence Down

7.20 N. R. 3. W.

Chains

S 89° 48' W. on a True line

bet Secs 3 and 10, with same va

40.00

Set a Limestone 10 x 10 x 8 ins

7 ins in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ on N face.

from which

A Juniper 6 ins diam brs N 51° E

72 lbs dist, Marked $\frac{1}{4}$ S. B. T.

A Juniper 12 ins diam brs S 83° W

32 lbs dist, Marked $\frac{1}{4}$ S. B. T.

80.06 The Cor to Secs 3, 4, 9 and 10

Surface hilly

Soil 3^d rate

Dense Juniper

North bet Secs 3 and 14

va 14° 15' E

40.00

Set a limestone 12 x 7 x 7 ins.
7 ins. in the ground

3. 20 N. R. 3 W.

Chains

For 1/4 Sec. Cor. marked
114 on N. face, from which
a Juniper 16 ins. in diam.
hrs. S. 100 E., 12 links dist.
marked 114 S. B. T.

A Juniper 2 ins. in diam.
hrs. N. 20 W., 10 links dist. marked
114 S. B. T.

F. 2. 92

Intersect. 5th Standard St.
36.80 ch. N. of the Standard
Cor. to Sec. 35 & 36 which was recently
established by me, at point of
intersection. Set a corner
12x12x10 ins. 8 ins. in the ground
for closing Cor. to Sec. 35 & 36
marked H. C. with 3 nails
on E. and W. edges and
ran a mow of stone
alongside.
Pit impracticable

7.20 A. R.3 W.

Chains

Surfer rough & rolling
 Soil 3rd. Grt
 Dense Juniper Timber
 Fair grass.

I carefully examined the
 adjustments of my
 Polar instrument. To-day
 particularly the latitude
 and reversing
 apparatus and I found
them correct.

From the bar to Secs 4 and 5
 32 and 33, on the S. By of the 7th
 recently established by me
 Town

North bet Secs 32 and 33

va $14^{\circ} 15' E$

Over rough hills

T. 20 N. R. 3 W.

Chains

40.00

Set a Limestone $12 \times 8 \times 7$ ins, 9 ins in the ground for $\frac{1}{4}$ Sec Cor, Marked $\frac{1}{4}$ on W face, from which

A Pinon 12 ins diam brs N 70° E. 75 lbs dist Marked $\frac{1}{4}$ S B.T. A Juniper 18 ins diam brs S 87° W. 34 lbs dist, Marked $\frac{1}{4}$ S B.T.

80.00

Set a Limestone $12 \times 10 \times 10$ ins, 9 ins in the ground for Cor to Secs 38 29, 32 and 33 Marked with 1 notch on S, and 4 notches on E edges, from which. A Juniper 14 ins diam brs N 22° E. 57 lbs dist, Marked T. 20 N. R. 3 W. S. 28. B.T. A Juniper 13 ins diam brs S. 41 E. 31 lbs dist, Marked T. 20 N. R. 3 W. S. 33. B.T.

A Pinon 8 ins diam brs S 50° W. 11 lbs dist, Marked T. 20 N. R. 3 W. S. 32. B.T.

A Pinon 6 ins diam brs N 33° W. 6 lbs dist, Marked T. 20 N. R. 3 W. S. 29. B.T.

Surface rough

Soil 3^d rate

Dense Juniper, Grass fair

7.20 N. R. 3 W.

Chains

East bet Secs 28 and 33
Va $14^{\circ} 15'$ E

Over small broken hills

4000 Set temporary $\frac{1}{4}$ Sec cor.79.80 Intersect N and S line 34 Ws S of cor
to Secs 27, 28, 33 and 34Thence down S. $89^{\circ} 45'$ W. on - True line
bet Secs 28 and 33, with same Va39.90 Set a Limestone $12 \times 10 \times 6$ ins, 9 ins in
The ground for $\frac{1}{4}$ Sec cor. Marked $\frac{1}{4}$ on
N face. from which a Juniper 16 ins diam
br N. 10° E. 56 W. dist Marked $\frac{1}{4}$ S. B. T.A Juniper 12 ins diam br S. 83° W, 12
W. dist Marked $\frac{1}{4}$ S. B. T.

79.80 The cor to Secs 28, 29, 32 and 33

Surface rough

Soil 3^d rate

Dense Juniper

Scattering Pinon

T. 20 N. R. 3 W.

chains

North bet Secs 28 and 29

On $14^{\circ} 15' E$

Ascend over rough surface

40.00 Set a Limestone $14 \times 8 \times 5$ ins, 9 ins in
the ground for $\frac{1}{4}$ Sec loc. Marked
 $\frac{1}{4}$ on W face. from which

A Juniper 6 ins diam brs $N 17^{\circ} W$
57 lbs dist. Marked $\frac{1}{4}$ S. B. T.

A Juniper 12 ins diam brs $S. 12^{\circ} E$
35 lbs dist. Marked $\frac{1}{4}$ S. B. T.

then over high rolling surface

80.00 Set a Limestone $14 \times 8 \times 8$ ins, 9 ins
in the ground for loc to Secs 20, 21, 28
and 29. Marked with 2 notches on S,
and 4 notches on E edges. from which

A Juniper 8 ins diam brs $N 30^{\circ} E$, 66
lbs dist. Marked T. 20 N. R. 3 W. S. 21. B. T.

A Juniper 8 ins diam brs $S 8^{\circ} E$
38 lbs dist. Marked T. 20 N. R. 3 W. S. 21. B. T.

A Juniper 9 ins diam brs $S. 42^{\circ} W$

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T. 20 N. R. 3 W.

Chains

93 lbs dist. Marked T. 20 N. R. 3 W. S. 29. B. T.

A juniper 12 ins diam brs N. 88° W. 120
lbs dist. Marked. T. 20 N. R. 3 W. S. 20. B. T.

Surface rough and rolling

Soil 3rd rate

Dense juniper

Grass fair

East on a random line
bet Secs 21 and 28

Va 14° 15' E

over high rolling surface

49.00 Set Temporary 1/4 Sec lot

80.24 Intersect N and S line 26 lbs N

78.00 of line to Secs 21, 22, 27 and 28

73.00 Thence I run, N. 89° 49' W. on

a true line bet Secs 21 and 28

with same Va

3.20 N. R. 3 W.

Chains

40, 12 Set a Limestone 15 x 10 x 7 ins.
10 ins in the ground for $\frac{1}{4}$ Sec Cor, Marked
 $\frac{1}{4}$ on N. face, from which.

A Juniper 10 ins diam brs N 13° E, 54
lbs dist, Marked $\frac{1}{4}$ S, B.T.

A Juniper 18 ins diam brs S 16° W,
120 lbs dist, Marked $\frac{1}{4}$ S, B.T.

80, 24 The Cor to Secs 20, 21, 28 and 29

Surface rough and rolling

Soil 3d rate

Scarc Juniper and Pines

North bet Secs 20 and 21
Va 14° ϕ 5° E

over high rolling surface

13, 00 over rough country

40, 00 Set a Limestone 12 x 12 x 8 ins
9 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on W. face, and

7.20 N. R. 3 W.

chains

raised a mound of stone alongside
firs impracticable.

point of ridge bet E + W.

78.00 Wash 25. lbs wide bet N.E.

80.00 Set a Limestone 18 x 12 x 10 ins

12 ins in the ground for bet to Secs
16. 17. 20 and 21. Marked with 3notches on S. and 4 notches on E.
and raised a mound of stone along side
edges, firs impracticable

Surface rough

Soil 3^d rate

Juniper Timber

T. 20 N. R. 3 W.

Chains

East on a random line
bet Secs 16 and 21Va $14^{\circ} 05' E$

- 05' Wash 25 lbs side Co N^o. Ascend
 11.50 Top of high mountain 250 ft high bet N^os. descend
 22.00 Foot of same bet N^os. ascend
 33.00 Top of Ridge bet N + S. descend into Valley
 40.00 Set Temporary 1/4 Sec Cor.
 80.30 Intersect N and S line 14 lbs N of
 Cor to Secs 15, 16, 21 and 22
 Thence form, N $89^{\circ} 54' W$. on a true
 line bet Secs 16 and 21, with same az
 40.15 Set a Sandstone $17 \times 7 \times 6$ ins. 11 ins in
 the ground for 1/4 Sec Cor. Marked
 1/4 on N face. from which
 A Jamies 11 ins diam bet N. $45^{\circ} E$
 52 lbs dist. marked 1/4 S. B. T.
 A Pinon 10 ins diam bet S. $30^{\circ} W$

720 N. R. 3. W.

chains

North bet Secs 16th and 17th
 Va 14° 05' E

Ascend Mountain

34.00 Top of Mountain bet E and W.
 Descend

40.00 Set a Sandstone 16 x 10 x 3 ins,
 11 ins in the ground for 1/4 Sec Cor
 marked 1/4 on W face, from which

A Cedar 8 ins diam bet S,
 74° W. 38 fms dist, Marked 1/4 S. B. T.

A Cedar 7 ins diam bet N 60° E,
 140 fms dist, Marked 1/4 S. B. T.

43.00 Dry wash 20 fms wide Co. A. E
 Ascend over Mountain Ridge

73.00 Enter Small Valley

80.00 Set a Limestone 18 x 10 x 5 ins, 13 ins
 in the ground for Cor to Secs 8, 9, 16
 and 17. Marked with 4 notches on
 S and E. edges, from which

A Cedar 30 ins diam bet N.

T. 20 N. R. 3 W.

chains

40° E, 292 lbs dist, Marked

T. 20 N. R. 3 W. S 9, B.T.

A cedar 16 ins diam br S

24° E, 172 lbs dist, Marked T. 20 N.

R. 3 W. S 16, B.T.

A cedar 10 ins diam br S, 87°

W. 208 lbs dist, Marked T. 20 N. R. 3 W.

S 17, B.T.

A cedar 22 ins diam br N

30° W, 332 lbs dist, Marked

T. 20 N. R. 3 W. S, 8, B.T.

Surface Mountainous

Soil 3^d rite

Dense cedar brush

Grass fair.

East on a random line
bet Secs 9 and 16

Ca 14° 05' E

T. 20 N. R. 3 W.

chains

- 8.60 Arroyo 120 yds wide Cor N. W.
- 10.00 Ascend Mountain
- 20.00 Set Temporary $\frac{1}{4}$ Sec Cor
- 80.12 Intersect N. and S line 10 yds
S. of Cor to Secs 9, 10, 15 and 16
Thence run
S $89^{\circ} 56'$ W. on a True line
bet Secs 9 and 16, with same or
- 40.06 Set a Limestone $11 + 7 + 7$ ins
7 ins in the ground for $\frac{1}{4}$ Sec Cor.
Marked $\frac{1}{4}$ on N face.
From which:
- A Pine 5 ins diam brs N 48° E
40 yds dist. Marked $\frac{1}{4}$ S. B. T.
- A cedar 18 ins diam brs S 5° W
26 yds dist. Marked $\frac{1}{4}$ S. B. T.
- 80.12 The Cor to Secs 8, 9, 16 and 17.
Surface Mountains
Soil 3^d rate
Dwarf cedar + Pinon Bush
Grass fair

T. 20 N. R. 3 W.

chains

North bet Secs 8 and 9

Va $14^{\circ} 05' E$

Leave Valley, enter rolling hills

- 4.00 Dry wash 30 fms wide Co N.W.
- 21.00 Descend into Cañon
- 24.30 Dry wash 15 fms wide Co N.West
- 38.50 Ascend
- 40.00 Set a Quartz rock $16 \times 6 \times 3$ ins
11 ins in the ground for '4 Sec Cor
Marked '4 on W. face.
From which
- A Pinon 10 ins diam brs East
40 fms dist. Marked '4 S. B. T.
- A cedar 6 ins diam brs N $48^{\circ} W$
33 fms dist. Marked '4 S. B. T.
- 57.00 Dry wash 15 fms wide Co West
- 79.00 Ravine, Co S.W.
- 80.00 Set a Limestone $18 \times 9 \times 5$ ins
12 ins in the ground for Cor
to Secs 4, 5, 8 and 9. Marked

T. 20 N. R. 3 W.

Chains

with 5 notches on S. and 4 notches
on E edges, and raised a mound
of Stone alongside

A Cedar 10 ins diam brs S 51° 40'
18 lbs dist. Marked T. 20 N. R. 3 W.
S. 8 B. T.

A Cedar 12 ins diam brs N 48° E
84 lbs dist. Marked T. 20 N. R. 3 W.
S. 4. B. T.

Surface rolling
Soil 3^d rate

Dense Scrubby cedar
Grass fair

East on a random line
bet Secs 4 and 9

Pa 14° 05' E

40.00 Set Temporary 1/4 Sec Cor

80.08 Intersect N and S line 17 lbs

720 N. R. 3 W.

Chains

S of Cor to Secs 3, 4, 9 and 10
Thence Iron

S 89° 53' W on a true line
bet Secs 4 and 9, with same va

40.04 Set a Limestone 17 x 10 x 5 ins
11 ins in the ground for '4 Sec Cor.

Marked '4 on N face. from which

A cedar 16 ins diam brs S. 4° W

34 lbs dist; Marked '4 S. B. T.

A cedar 12 ins diam brs N 10° W. 68
lbs dist; Marked '4 S. B. T.

80.08 The Cor to Secs 4, 5, 8 and 9.

Surface rolling

Soil 3^d vete

Dense cedar brush

Grass fair



7.20 N. R. 3 W.

chains

North bet Secs 4 and 5

On $14^{\circ} 05' E$

4000 Set a limestone $17 \times 8 \times 7$ ins,
 11 ins in the ground for
 14 in. Cor. marked N on N. face,
 and raised a mound of stone alongside.

^{Path impracticable}
 Intercept 5th Standard Parallel,
 N. 36.84 chs. N. of the 5th Cor. to
 Sec. 34 and 35 recently set. by me.

At point of intersection Set a
 limestone $14 \times 11 \times 5$ ins, 9 ins in
 the ground for. Closing Cor. to Secs.
 4 and 5 marked E.E. with
 2 notches on N. and 4 notches on
 E. edge. and raised a
 mound of stone alongside
 Path impracticable

Surface rolling

Silt End, note

Dense juniper brush

Grass fair

T. 20 N. R. 3 W.

Chains

From the Cor to Secs 31, 32 and 32, on the South boundary of the Township, recently established by me. Iron

North bet Secs 31 and 32

On $14^{\circ} 15'$ E

35.00
40.00

Over rolling surface
Wash

Set a Sandstone $14 \times 12 \times 10$ ins

11 ins in the ground for $1/4$ Sec Cor
Marked 14 on W. face and raised
a mound of stone alongside
fits "impracticable"

Ascend over small hills

80.00

Set a Limestone $18 \times 10 \times 10$ ins

12 ins in the ground for Cor to

Secs 29, 30, 31 and 32
with 1 note on ground $1/4$ sec on E. side and raised a mound
of stone alongside $1/4$ sec on opposite
surface rough and hilly

Set 4th rock

Dense small scrubby Juniper
and oak brush

T. 20 N. R. 3 W.

Chains

East on a random line
bet Secs 29 and 32

va $14^{\circ} 15'$ E

over rough country

40.00 Set temporary $\frac{1}{4}$ Sec Cor. with 20 links
56.50 ^{dry} _{with} ^{20 links} _{with} 20 links
80.18 Intersect N and S line 20 Ws N of Cor
to Secs 28, 29, 30 and 33.

Thence Town N. $89^{\circ} 57'$ N. on a true
line bet Secs 29 and 32, with same va

40.09 Set a Limestone $14 \times 12 \times 10$ ins. 9 ins
in the ground for $\frac{1}{4}$ Sec Cor. Marked
80.18 $\frac{1}{4}$ on N face, and raised a mound
of stone slingside, pits impracticable
The Cor to Secs 29, 30, 31 and 32.

Surface rough

Soil 4th grade

Dense Oak thicket
undergrowth

T. 20 N. R. 3 W.

chains

on a random line
West bet 30 and 31
Va $14^{\circ} 15' E$

Over prairie Country

40.00 Set temporary '14 Sec Cor

81.17. Intersect West By of Sp 21 ths N of
Cor to Secs 29, 30, 31 and 32, recently
~~re~~ established by me.

Thence I am N $89^{\circ} 31' E$, on a true
line bet Secs 30 and 31, with same Va

44.17. Set a Limestone $12 \times 11 \times 10$ ins,
9 ins in the ground for 14 Sec Cor.
Marked '14 on N face, and raised a
mound of stone clingside, pits imprac-
ticable

81.17. The Cor to Secs 29, 30, 31 and 32.

Surface level
Soil 2nd rate
Good Grass

T. 20 N. R. 3 W.

Chains

North bet Secs 29 and 30

On $14^{\circ} 15' E$

Ascend

35.50 Top of high mountain bet E & W.

40.00 Set a Limestone $18 \times 15 \times 5$ ins, 12 ins
in the ground bet $1/4$ Sec Cor. Marked
 $1/4$ on W face, and raised a mound
of Stone alongside, pits impracticable

43.00 Descend from Mountain bet E & W.

Ascend

8000 Limestone rock in place. $3 \times 3 \times 3$ ftat corner point. Mark rock X. from
Cor to Secs 19, 20, 29 and 30, Marked
with 3 notches on S. and 5 notches
on E edges, and raised a mound of stone
alongside, from whichA Pinon 10 ins diam bet $N 45^{\circ} E$
67 lbs dist. Marked T. 20 N. R. 3 W. S20. B. T., A Pinon 10 ins diam bet $S. 45^{\circ} W.$
38 lbs dist. Marked T. 20 N. R. 3 W.

67.

BOOK 1071

T. 20 N. R. 3 W.

Chains

S 30 B.T. A Pioneer's run chain lvs
 N 40° W, 68 kts dist, Marked T. 20 N.
 R. 3 W. S 19, B.T. no other trees within limits
 Surface Mountainous
 Soil 4th rate + stony
 Dense Pioneer Timber

East on a random line

bet Secs 20 and 29

(Va 14° 15' E)

Descend over very rough surface

40.00 Set temporary 1/4 Sec Cor

65.00 Descend into canon, Co S.

73.40 Bottom of same, Co S. and ascend

80.00 Leave canon Co S.

80.34 Intersect N and S. line 17 kts S of Cor

to Secs 20, 21, 28, and 29

Thence from S 89° 52' W, on a true
 line bet Secs 20 and 29, with same va

7.20 A. R. 3 W.

Chains

210.18 Set a Limestone 17. x 12 x 12 ins, 11 ins in the ground for $\frac{1}{4}$ Sec Cor. Marked '4 on N face, from which.

A Juniper 12 ins diam brs N. 36° E. 4 lbs dist. marked '4 S. B. T.

A Juniper 15 ins diam brs S. 45° W. 49 lbs dist. marked '4 S. B. T.

8036. The Cor to Secs 19, 20, 29 and 30.

Surface rough

Soil 3^d rate

Dense Juniper and Pinon

West on a random line bet

Secs 19 and 30

On $14^{\circ} 15'$ E

Descend from round hill

233.65 Foot of same, thence over rough surface

21000 Set temporary $\frac{1}{4}$ Sec Cor

7.20 N. R.3 W.

Chains

- 8/26 Intersect West By of Township
15th S. of Cor to Secs 19, 24, 25th and 30
recently established by one
Thence Iron, S $89^{\circ} 54'$ East, on
a true line bet Secs 19 and 30,
with same Va.
- 4/26 Set a Limestone 12 x 12 x 8 ins
9 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on N face, and raised
a Mound of Stone alongside,
fits impracticable
- 8/26 The Cor to Secs 19, 20, 29 and 30
Surface Mountainous
Soil 4th rate
Dense brush

T. 20 N. R. 3 W.

Chains

North bet Sees 19 and 20

Va $14^{\circ} 13' E$

Descend from hills, and ascend ridge

10.00 Foot of round hill, and ascend ridge

28.00 Top of Ridge bet N W and S E in

30.00 Descend from same bet N W and S E in

40.00 Set a Limestone $16 \times 7 \times 5$ ins, 11 ins in the ground for

"4 sec cor. Marked "4 on W face, from which

A Juniper 17 ins diam bet $N 10^{\circ} E$

15 kts dist, Marked "4 S. B. J.

A Juniper 12 ins diam bet $S 87^{\circ} E$.

50 kts dist, Marked "4 S. B. J.

80.00 Set a Limestone $15 \times 10 \times 10$ ins, 10 ins

in the ground for cor to Sees 17, 18, 19

and 20, Marked with 3 notches on S, and

5 notches on E edges, from which

A Juniper 14 ins diam bet $N 86^{\circ} E$, 53 kts

dist, Marked T. 20 N. R. 3 W. S 17. B. J.

A Juniper 12 ins diam bet $S 45^{\circ} E$.

42 kts dist, Marked T. 20 N. R. 3 W. S 20 B. J.

A Juniper 8 ins diam bet $S 78^{\circ} W$.

7.20 N. R. 3 W.

Chains

23 lbs dist. Marked 7.20 N. R. 3 W. S. 19. B. J.

A Juniper 10 ins diam br N 17°
N. 20 lbs dist. Marked 7.20 N. R. 3 W.
S 18. B. J.Surface Mountainous
Soil 4th rate
Dense JuniperEast on a random line
bet Secs 17 and 20

N. 14° 15' E

Ascend through dense pinon

2,000 Set temporary 1/4 Sec Cor

67.00 Top of ridge br N. W + S. E. descend

78.00 Foot of ridge br N. W + S. E.

80.00 Intersect N + S line, 14 lbs S of the
Cor to Secs 16. 17. 20 and 21

T. 20 N. R. 3 W.

Chains

Thence I run, ^{S. 89.5° W.} W. on a true line
bet Secs 17 and 20, with same va
4000 Set a Limestone 18x12+10 ins, 9 ins
in the ground for 1/4 Sec Cor. Marked
1/4 on N face, from which

A Juniper 14 ins diam brs N 15° E
70 lbs dist, Marked 1/4 S. B. I.

A Juniper 12 ins diam brs S. 55° W.
52 lbs dist, Marked, 1/4 S. B. I.

80.00 The Cor to Secs 17, 18, 19 and 20

Surface rough & mountainous

Soil 4th rate

Dense Pines & Juniper

West on a random line
bet Secs 18 and 19.

Va 14° 15' E

Through dense pine timber
4000 Set Temporary 1/4 Sec Cor

T. 20 N. R. 3 W.

chains

8160 Intersect-W By of the Sp. 24 lks
S of the Cor to Secs 13, 18, 19 and 24
recently established by me.

Thence I run

S $89^{\circ}50'$ East; on a true line
bet Secs 18 and 19, with same or a

46640 Set a Limestone $16 \times 10 \times 6$ ins, 11 ins in
the ground for $\frac{1}{4}$ Sec Cor, Marked $\frac{1}{4}$ on
N face, from which

A Pinon 9 ins diam brs N 20° E, 36
lks dist, Marked $\frac{1}{4}$ S. B. T.

A Pinon 11 ins diam brs S. 43° W,
34 lks dist, Marked $\frac{1}{4}$ S. B. T.

8160 The Cor to Secs 17, 18, 19 and 20

Surface rough + hilly

Soil 3^d rate

Dense Pinon timber

7.20 N. R. 3 W.

Cohains

North bet Secs 17 and 18

On 14° p 5° E

Ascend

40.00 Sera Malpais Stone $18 \times 12 \times 5$ ins. 12 ins
in the ground for $1/4$ Sec Cor. Marked $1/4$ on W.
face, and raised a mound of stone alongside
job impracticable.

53.00 Top of mountain bet E & W.

80.00 Sera Malpais Stone $14 \times 10 \times 7$ ins. 9 ins in
the ground for Cor to Secs 7, 8, 17 and 18
Marked with 4 notches on S. and 5 notches
on E edges, and raised a mound of
stone alongside. From which

A cedar 8 ins diam bet $N 40^{\circ}$
E 40 W, dist. marked 7.20 N.
R. 3 W. S 8 B.T.

A cedar 7 ins diam bet $S 61^{\circ}$
W. 80 Ws dist. marked 7.20 N.
R. 3 W. S 18 B.T.

No other trees within limits

7.20 N. R. 3 W.

Chains

Surface rolling
Soil 3^d rate
Dense cedar brush
Grass fair



East on a random line
bet Sec 8 and 17
on 1405th E
over Level surface

33.00

Descend

40.00

Set temporary 1/4 Sec Cor

40.03

Wash 15' ^{to} ^{the} ^{South} ^{of} ^{the} ^{line}

7.20 N. R. 3 W.

Chains

89.17

Int. to line. 15 links
 N. of the cor. to Sec.
 8, 9, 16 and 17 ~~where~~ I
 run at $89^{\circ}54'$ N. on
 a true line bet. Secs. 8
 and 17 with same ca.

49.09

Set a limestone $16 \times 10 \times 10$
 ins. 11 ins. in the ground
 for the cor. marked
 114 on N. face. and raised
 a mound of stone alongside
 Pit impracticable

80.17

The cor. to Secs. 7, 8, 17 and 18
 Surface rough
 Soil 3rd. rot
Dune juniper bush

7.20 N. R. 3 W.

Chains

West on a random line
bet Secs 7 and 18Or $14^{\circ} 05' E$

17.00 Ascend

20.00 Set temporary $\frac{1}{4}$ Sec Cor57.00 Top of Mountain by S.E. & N.W.
Descend81.02 Intersection S By of Sp 18 the S of the
Cor to Secs 7, 12, 13 and 18.recently ¹⁷⁹ established by meThence I run S. $89^{\circ} 52'$ East on
a true line, bet Secs 7 and 18, with ~~same~~ ^{same} ~~wa~~41.02 Set a sandstone $16 \times 12 \times 8$ ins.11 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on N face, and raised
a mound of stone alongside
fit intractible. From whichA cedar 4 ins diam by North 40'
lbs dist. Marked $\frac{1}{4}$ S B.T.

81.02 The Cor to Secs 7, 8, 17 and 18

7.20 N. R. 3 W.

Chapter

Surface Mountainous

Soil 3^d rate

Dense cedar brush

grass poor

North bet Secs 7 and 8

N 14° 5' E

Ascend Mountain

34.50 Top of Mountain bet NW & S E.

38.00 Descend N. E. Slope of same

40.00 Set a Malpais stone 16 x 12 x 8 ins

11 ins in the ground for 1/4 Sec Cor

Marked 1/4 on W face, from which

A cedar 8 ins diam bet S. 14° W. 34 W. 1/2
dist. Marked 1/4 S O. T.

A cedar 4 ins diam bet East 68 W. 1/2

dist. marked 1/4 S O. T.

58.00 ~~Observe~~ 20 pines inside 1/4 N. 1/2

78.00 Center Small Valley bet E & W.

80.00 Set a Limestone 14 x 8 x 6 ins

10 ins in the ground for Cor to

T. 20 N. R. 3 W.

Chains

Secs 5, 6, 7 and 8, marked with
 5 notches on S and E edges,
 dug pits 18x18x12 ins in each sec
^{5 1/2 ft} dirt,
 and raised a mound of earth
 2 ft high 4 1/2 ft base along side.
 Surface Mountainous
 Soil 3^d rate
 Dense Cedar brush
 Grass fair

East on a random line
 bet Secs 5 and 8

On 14° 05' E

- 3.00 Leave Valley, enter dense Cedar
 and rolling hills
 4.00 Set temporary 1/4 Sec Cor
 77.98 Interior N and S line 22 tks
 S of Cor to Secs 4, 5, 8 and 9
 Thence Town

7.20 N. R. 3 W.

Chains

S $89^{\circ} 50'$ W on a true line
bet Secs 5 and 8, with same va

39.99 Set 2 Limestone $14 \times 10 \times 7$ ins,
11 ins in the ground for $\frac{1}{4}$ Sec Cor.
Marked $\frac{1}{4}$ on N face, from which
A Cedar 14 ins diam brs N 8° W,
21 lbs dist, Marked $\frac{1}{4}$ S B.T.

A Cedar 12 ins diam brs S. 46° E
18 lbs dist, Marked $\frac{1}{4}$ S. B.T.

79.98 The Cor to Secs 5, 6, 7 and 8.

Surface rolling

Soil 3^d rate

Dense cedar brush

Grass fair

Met on a random line
bet Secs 6 and 7

Va $14^{\circ} 05'$ E

4.00 Leave valley and ascend N.E. Slope of Mt

T. 20 N. R. 3 W.

Chains

- 40.00 Set temporary $\frac{1}{4}$ Sec Cor
 68.00 Descend into Cañon
 72.00 Dig Wash 80 lbs wide, Cor N. 34
 73.00 Ascend to cliff of rock
 80.95 Intersect W. By of $\frac{1}{4}$ Sec 10 lbs S of Cor to
 Secs 1, 6, 7 and 12, ~~country~~ ~~marked~~ ~~by~~ ~~me~~.
 Thence down S. $89^{\circ} 56'$ East on a true
 line bet Secs 6 and 7, with same va
 40.95 Set a Limestone $16 \times 12 \times 4$ ins, 11 ins
 in the ground for $\frac{1}{4}$ Sec Cor, marked
 $\frac{1}{4}$ on N face, from which
 A cedar 8 ins diam br S, 130 lbs.
 Marked $\frac{1}{4}$ S. B. T.
 A cedar 7 ins diam br N 43° E
 18 lbs dist, Marked $\frac{1}{4}$ S. B. T.
 80.95 The Cor to Secs 5, 6, 7 and 8
 Surface Mountainous
 Soil 3^d rate
 Dense Cedar brush
 Grass fair

T. 20 N. R. 3 W.

Chains

North bet Secs 5 and 6
 Va 14° 05' E

8.00 Leave Valley. Enter dense cedar brush

18.00 Range Co S.W.

40.00 Set a limestone 12x11x11/2
 ins. 8 ins. in the ground
 for... 11/2 in. low. marked

"4 on N. face and raised
 a mound of stone alongside.
 Pits unproductive

72.00 Set. 15th Standard North.
 86.58 Chs. West of the cor.
 to Secs 33 and 34 at
 point of intersection
 Set a limestone

16x12x5 ins, 11 ins. in. shy
 ground for 4/8 in. clear.
 to Secs 5 and 6 marked
 E. L. with 1/2 in. on
 N. and 5 inches on E.

78
83

BOOK 1071

7.20 N. R 3 W

chains

edges, and raised
a mound of stone
alongside. This impractical
method of rolling
Soil 2nd. rate
Dense juniper brush
grass paper

I carefully examined the
adjustments of my
Solar instrument
to-day particularly
the latitude and
reversing apparatus
and I found
them correct.

720 N. R. 3 W.

General Description

The surface of this township is mostly very mountainous, and is of a limestone and sandstone formation.

The soil is 3rd. and 4th. rate.

It is nearly all covered with a dense growth of scrubby timber with some scattering Pinon trees.

The grazing is fair with some good in the valleys.

For final notes see Book 28

U. S. Surveyor General's Office,

Tucson, Arizona, July 13, 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of
 Township 20 North
 Range 3 West,

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by J. F. Smith

Deputy Surveyor, under his contract of the 24th

day of July, 1883 having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe

are hereby approved

Royall Johnson
 Surveyor General.