

P. 1

Copies

Book No. 13

No. 1060 BOOK 1060

Field Notes

OF THE SURVEY OF THE

Subdivision Lines

-OF- BOOK 1060

Township 20 N Range 2 W

Gila and Salt River Base and Meridian

ARIZONA.

No. 1060

By J. T. Smith D.S.

Under contract dated July 24th 1873

Survey commenced Oct 8th 1873

Survey completed Oct 10th 1873

1060

indexed

J. 2004. R. 2 A.

1A

6	78	5	57	4	42	3	27	2	14	1
76	75		56		41		26		13	
7	74	8	55	9	39	10	24	11	11	12
73		72	53		38		23		10	
18	70	17	52	16	36	15	22	14	8	13
68		67	50		35		21		6	
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For description of instruments.
See books No 1
For preliminary notes
see Book No 1.

Survey commenced
Sept. 8th 1803
Survey completed
Oct 10 1803

Subdivisions T. 20 N. R. 2 W.

chains

From the Cor to Secs
1, 2, 33 and 34,
on the S By of the Township
recently established by the
Town

North bet Secs 33rd and 34
(Va $13^{\circ} 38'$ E)

210.00 Set a Malpais Stone $13 \times 10 \times 11$ ins, 9 ins
in the ground for $\frac{1}{4}$ Sec Cor. Marked
 $\frac{1}{4}$ on N face, from which

A cedar 7 ins diam brs S. 79° N 73 lbs
dist. Marked $\frac{1}{4}$ S. B. T.

A cedar 8 ins diam brs N 62° E. 114
lbs dist. Marked $\frac{1}{4}$ S. B. T.

80.00 Set a Malpais Stone $18 \times 6 \times 6$ ins, 12 ins
in the ground for Cor to Secs 33, 34, 35 and
36. Marked with 1 notch on S and E
edges, from which, A cedar 8 ins diam
brs S. 78° E. 43 lbs dist. Marked T. 20 N. R. 2 W.
334. B. T. A cedar 8 ins diam brs S. 14° W.

7.20 N. R2 W

chains

115 lbs dist. Marked 7.20 N. R2 W. S. 35 B. 7.

A cedar 7 ins diam to N 70° W. 116 lbs dist.
Marked 7.20 N. R2 W. S 24. B. 7.

A cedar 6 ins diam. to N. 40° E. 176 lbs dist

Marked 7.20 N. R2 W. S. 23. B. 7.

Surface rolling
Soil 3 rods

Dense cedar timber

East on a random line

bet Secs 23 and 36

Va 13° 58' E

23.00 Ravine Co S.

40.00 Set Temporary 1/4 Sec Cor

80.06 Intersect E B'y of Tp 4 tks S of
The Cor to Secs, 23, 30, 31 and 36
recently established by me
Thence I run

S 89° 58' W. on a true line

bet Secs 23 and 36, with same va

40.03 Set a Malpais Stone 18 x 12 + 3 ins
12 ins in the ground for 1/4 Sec cor.
Marked 1/4 on N face, from which

T. 20. N. R. 2 W.

Chains

A cedar 6 ins diam, brs S. 80° W. 28 lks
dist, Marked $\frac{1}{4}$ S. B. T.

A cedar 6 ins diam brs N. 67 lks
dist, Marked $\frac{1}{4}$ S. B. T.

80.06 The bet to Secs 25, 26, 35 and 36

Surface rolling
Soil 2, rate
Dense cedar, timber
Grass fair

North bet Secs 25 and 26
Va $130^{\circ} 56^{\circ}$ E

Over rolling surface

40.00. Set a walrus rock $12 \times 10 \times 6$
ins, 8 ins. in the ground for "4

Sec. Co. marked. "4 on N. face, and
raised a mound of stones alongside.

City impracticable

80.00 Set a walrus rock
 $14 \times 8 \times 5$ ins. 9 ins. in the
ground for bet. to Secs. 23, 24,
25 and 26 marked with 2 notches

720 N. R. & W.

chains

n. s. and 1 north n. e. s. d. dry pits
 18x18x12 in. in each sec. 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft. high 4 1/2 ft.
 base about 1 in.

Surface rolling Soil 2nd rate
 Dense Juniper & brush

East on a random line

bet Secs 24 and 25
 va. 13° 56' E

30.00 Over rolling Surface
 Rough h. p. & s.

4000 Set temporary 74 Sec Cor

79.80 Interest - E By of H 12 lbs

N of Cor to Secs 19, 24, 25 and 30
 recently established by me.

Thence I run

N 89° 55' W. on a true line
 bet Secs 24 and 25, with paneva

3990 Set a Malpais Stone 13x8x6 ins
 9 ins in the ground for 74 Sec
 Cor. Marked with on N face

7,20 N. R. & W.

chains

and raised a mound of stone
 alongside. pit impracticable
 79.80 The Cor to Secs 23, 24, 25 and 26
 Surface rolling
 Soil 3^d rate
 Good grass

North bet Secs 23 & 24

2000 Rod to N. H. & E. Co 13° 56
 4000 Set a Malpais Stone 12 x 7 x 7 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
 80.00 Set a Malpais Stone 12 x 7 x 6 ins
 9 ins in the ground for Cor to
 Secs 13, 14, 23 and 24
 Marked with 3 notches on S
 and 4 Notch on E edges

720 N R2W

chains

From which

A Juniper 5 ins diam br N 37° E
 39 lbs dist; Marked, 720 N. R2W.
 S 13. B. J.

A Juniper 12 ins diam br S. 64° E
 149 lbs dist; Marked 720 N. R2W.
 S 24. B. J.

A Juniper 31 ins diam br N 72° W.
 270 lbs dist; Marked 720 N. R2W
 S. 14 B. J.

A Juniper 10 ins diam br S. 20° W
 159 lbs dist; Marked 720 N. R2W
 S 23. B. J.

Surface colling

Soil 4th rate

Dense Juniper

East on a random line
 bet Secs 13 and 24

7.20 N. R. & W.

chains

On $13^{\circ} 36' E$

over rolling surface

32.00 Road to N.W. & S.E.

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

40.25 Wash 10 lks wide, course S.W.

80.00 Intersect E. By of $\frac{1}{4}$ Sec 12 lks S
of Cor to Secs 13, 18, 19 and 24
recently established by me
thence four

$S 89^{\circ} 33' W$ on a true line

bet Secs 13 and 24, with same on

40.00 Set a Malpais Stone $14 \times 6 \times 6$ 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. $S 45^{\circ} E$
42 lks dist - marked $\frac{1}{4}$ S. B. T.

A juniper 18 ins diam br. $N 63^{\circ} W$.
58 lks dist. Marked $\frac{1}{4}$ S. B. T.

80.00 The Cor to Secs 13, 14, 23 and 24

7.20 N. R. 2 W.

chains

Surface rolling
Soil 4th rock
Dense Juniper

North bet Secs 13 and 14.

Ca $13^{\circ} 56'$ E

4000 Set a Malpais Stone $12 \times 7 \times 6$ ins
9 ins in the ground for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}$ on W face
From which

A Juniper 6 ins diam br N.
 38° E, 26 fks dist, Marked $\frac{1}{4}$ S.B.T.

A Juniper 7 ins diam br E, 31 fks
dist, Marked $\frac{1}{4}$ S.B.T.

8000 A Malpais Stone $16 \times 8 \times 5$ ins
11 ins in the ground for Cor
to Secs 11-12-13 and 14
Marked with 4 Notches on S
and 1 Notch on E edges

7.20. N. R. 2 W.

chains

From which

A Juniper 7 ins diam brs N. 16° E
155 lbs dist. Marked 7.20 N. R. 2 W.
S 12. B. T.

A Juniper 14 ins diam brs N 45° W
169 lbs dist. Marked 7.20 N. R. 2 W.
S 11 B. T.

A Juniper 16.5 ins diam brs S 50° W
125 lbs dist. Marked 7.20 N. R. 2 W
S. 14 B. T.

A Juniper 10 ins diam brs S 6° E
121 lbs dist Marked 7.20 N. R. 2 W.
S 13. B. T.

Surface rolling, stony
Soil 3^d rate

Dense Juniper

7.20 A. R. L. W

Chains

East on a random line
bet Secs 12 and 13Va $13^{\circ} 56' E$

over rolling surface

39.92 Road brs N + S.

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

42.56 a Juniper 22 ins diam on line

79.98 Intersect E By of $\frac{1}{4}$ 12 $\frac{1}{4}$ S

of Cor to Secs 7, 12, 13 and 18.

recently established by Me.

Thence run

S. $89^{\circ} 5.5' W$. on a true line

bet Secs 12 and 13, with same Va

39.99 Set a Malpais Stone $12 \times 8 \times 6$ ins9 ins in the ground for $\frac{1}{4}$ SecCor. Marked $\frac{1}{4}$ on N face

From which

A Juniper 14 ins diam brs N. $83^{\circ} E$ 146 lbs dist. Marked $\frac{1}{4}$ S. B. L.A Juniper 15 ins diam brs S. $81^{\circ} E$

7.20 N. R. 2 W.

Chains

222 lbs dist. Marked $\frac{1}{4}$ S. B. T.
 79.98. The Cor to Secs 11, 12, 13 and 14
 Surface rolling
 Soil 3^d rate
 Good grass
 Dense juniper

North bet Secs 11 & 12
 Va $13^{\circ} 56' E$

Ascend

4000 Set a Malpais Stone $14 \times 12 \times 8$ ins
 9 ins in the ground for 14 Sec Cor
 Marked $\frac{1}{4}$ on W face
 From which

A Juniper 10 ins diam brs S. $43^{\circ} W$
 200 lbs. Marked $\frac{1}{4}$ S. B. T.

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

4800 Top of hill brs E & W descend

T. 20 N., R. 2 W.

Chains

71.50 Foot of hill and ascend
 79.50 Top of hill and descend, brs E & W.
 80.00 Set a Malpais Stone 16x8x5 ins
 11 ins in the ground for bar to Secs
 1, 2, 11 and 12. Marked with
 5 notches on S, and 1 notch on
 E, edges

From which

A Juniper 8 ins diam brs N, 33° E
 52 lks dist, Marked T. 20 N., R. 2 W.
 S 1. B. T.

A Juniper 8 ins diam brs S, 48° E
 19 lks dist, Marked T. 20 N., R. 2 W.
 S 12. B. T.

A Juniper 12 ins diam brs S, 52° W
 16 lks dist, Marked T. 20 N., R. 2 W.
 S 11. B. T.

A Juniper 12 ins diam brs N, 30° W
 63 lks dist, Marked T. 20 N., R. 2 W.
 S 1. B. T.

T. 20 N. R. 2 W.

Chairs

Surface hilly + rolling

Soil 3 rate

Good grass

Dense Juniper

East on a random line
bet Secs 1 and 12

On $13^{\circ} 36' E$

Descend

3,600 Foot of hill bet Cor W

thence over rolling prairie

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

8012 Intersect E By of T₁ at Cor
to Secs. 1, 6, 7 and 12

recently established by owner

Thence down

West on a true line

bet Secs 1 and 12, with same θ

4006 Set a Malpais Stone $12 \times 8 \times 8$ ins

7.20 N. R. 2 W.

Chains

9 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked 44 on N face, and
raised a mound of stone
along side, fit impracticable
from which

A Jamies 14 ins diam bro N. 15°

N. 38° W. dist. Marked $\frac{1}{4}$ S. B. T.

80th The Cor to Secs. 1, 2, 11 and 12

Surface rolling & stony
Soil 3^d rate

Good grass

Some Jamies

At on a ~~stone~~ line
bet Secs 1 and 2

Enough gradually Ver 13° 56' E

40.00

Set a walrus rock 10x10x6 ins
7 ins. in the ground for. 44
Sec. Cor. marked 44 on N.
face, and raised a

T 20 N. R 2 W

Chains

5693 a mound of stone alongside
 covered well south
 Int. 5th Standard Parallel
 N. 31.10 Chs. N. of the line.
 to Secs. 31 and 32 which
 was recently established by me.
 At point of intersection
 I set a malpais rock
 12x8x6 in 7 ins. in the
 ground for closing line to
 Secs. 1 and 2 marked L.S. with
 1 notch on E. and 5 notches
 on W. edge. and raised a
 mound of stone alongside
 pits impracticable
 Surface rolling
 Soil 2nd. rate
 good grass
 Scattering juniper timber

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

7.20 N. R. & W.

Chains

From the Cor. to Secs 3, 3, 34 and 35
on the S By of the Sp. recently est-
ablished by me. From

North bet Secs 34 and 35

On $13^{\circ} 58'$ East

210.00 Set a Malpais Stone $18 \times 12 \times 6$ ins.

12 ins in the ground for $\frac{1}{4}$ Sec cor.

Marked $\frac{1}{4}$ S on W. face. from which

A leader 28 ins diam brs N. 45 $^{\circ}$ W. dist
marked $\frac{1}{4}$ S. B. T., A leader 8 ins diam

brs E. 33 $^{\circ}$ W. dist, marked $\frac{1}{4}$ S. B. T.

48.10 Any wash 120 $^{\circ}$ W. wide Co. E.

32.00 Top of ridge

42.00 Descend into Cañon

48.50 Any wash 100 $^{\circ}$ W. wide Co. E. and ascend

72.50 Top of Mesa brs E. & W.

80.00 Set a Malpais Stone $17 \times 13 \times 12$ ins

12 ins in the ground for Cor. to Secs

26, 27, 34 and 35. Marked with 1 notch
on S and 2 notches on E edges.

7.20 N. R. 2 W.

Bhains

From which, A cedar 20 ins diam br
80 lks dist
S. 14° E. Marked 7.20 N. R. 2 W. S 33. B. I.

A cedar 16 ins diam br, S 21° W. 57 lks dist
Marked. 7.20 N. R. 2 W. S 34. B. I.

A cedar 8 ins diam br N 45° W. 62
lks dist. Marked 7.20 N. R. 2 W. S 37. B. I.

A cedar 7 ins diam br N. 76° E. 34 lks dist
Marked 7.20 N. R. 2 W. S 36. B. I.

Surface Broken & rocky

Soil 4th rate

Dense cedar timber
some grass

East on a random line

bet Secs 26 and 35

Or 13° 38' East

27.40 Descend into Cañon

34.00 Dry wash 30 lks wide Co South
Ascend

40.00 Set Temporary 1/4 Sec bear

42.00 Top of Mesa

ins diam brs S 21° W. 51 lbs dist
R. 2 W. S 34, B. 7.
ins diam brs N 45° W. 62
T. 20 N. R. 2 W. S 37, B. 7.
ins diam brs N. 76° E. 34 lbs dist
R. 2 W. S 36, B. 7.

Broken & rocky
rate
cedar timber
grass

andem line
le and 35
Va 13° 38' East
Canyon
wide Co South

1/4 Sec Sec

Thence Down

S 89° 51' W. on a true line
bet Secs 26 and 35, with same on
40.03 Set a Malpais Stone 16 x 12 x 4 ins, 11 ins
in the ground for 1/4 Sec Cor. Marked
1/4 on N face, and raised a mound
of stone alongside, pits impracticable
80.06 The Cor to Secs 26, 27, 34 and 35.

Surface rolling

Soil 2^d & 3^d rate

Dense cedar brush

North bet Secs 26 and 27,

Va 13° 38' East

Across Mesa

210.00 Set a Limestone 16 x 8 x 5 ins, 11 ins
in the ground for 1/4 Sec Cor. Marked

1/4 on W. face, and raised a
Mound of Stone alongside
pits impracticable

80.00 Malpais Stone 14 x 12 x 7 ins, 8 ins
in the ground for Cor to Secs 23, 23
26 and 27. Marked with 2 notches
on S and E edges, and raised a
mound of stone alongside from
which Cedar 8 ins diam brs S. 48° W. 31
lbs dist. Marked T. 20 N. R. 2 W
S 27 B. 7.

A Cedar 7 ins diam brs N 88° E
48 lbs dist. Marked T. 20 N. R. 2 W
S 23, B. 7. No other trees within

Surface rolling

Soil 3^d rate

Grass - None

Dense cedar brush & timber

BOOK

1060

720 N. R. 2 W.

Chains

East on a random line
bet Secs 23 and 26
On $13^{\circ} 56' E$

11.00 Descend over ledge of rock
20 feet, then ascend to level
Country

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

79.92 Intersect N & S line 1800 ft N of
Cor to Secs 23, 24, 25 and 26
Thence 8 am

N $89^{\circ} 52' W$. on a true line
bet Secs 23 and 26, with same rx

39.96 Set a Malpais Stone $10 \times 10 \times 8$ ins
7 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

79.92 The Cor to Secs 22, 23, 24 and 27

Surface rolling

Soil 3^d rate

Scattering Juniper

Good Grass

7.20 N. R. 2 W.

chains

North bet Secs 22 and 23,
Var $13^{\circ} 56' E$ 4000 Set a Malpais Stone $12 \times 10 \times 6$
ins, 9 ins in the ground for
 $\frac{1}{4}$ Sec Cor, Marked $\frac{1}{4}$ on W. face
from whichA Juniper 10 ins diam brs $S 60^{\circ} W$,
47 lbs dist, Marked $\frac{1}{4}$ S. B. T.A Juniper 8 ins diam brs N. $45^{\circ} E$
99 lbs dist, Marked $\frac{1}{4}$ S. B. T.

76.00 Road brs N. W. + S E

80.00 Set a Malpais Stone $14 \times 12 \times 8$ ins
9 ins in the ground for Cor to
Secs 14, 15, 22 and 23; Marked
with 3 notches on S, on 2 notches
on E edges, and raised a
Mound of stone alongside
A Juniper 16 ins diam brs $S 82^{\circ} 45' E$
351 lbs dist, Marked 7.20 N. R. 2 W.
S. 23, B. T.

T. 20. N. R. 2 W.

Chains

no other bearing trees within limits

Surface rolling

Soil 3^d rate

good grass

dense juniper 40 chs

Beast on a random line
bet Secs 14 and 23.

On $13^{\circ} 56'$ E

4,30 Tent hrs S of line about 2 chs dist

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

79.90 Intersect N & S line 20 fms S
of Cor to Secs 13, 14, 23 and 24
Thence down

$S 89^{\circ} 01' W.$ on a true line
bet Secs 14 and 23, with same $\frac{1}{4}$

39.95 Set a Melpais Stone $14 \times 10 \times 6$ ins
9 ins, in the ground for $\frac{1}{4}$ Sec
Cor, Marked $\frac{1}{4}$ on N face

T. 20 N. R. 2 W.

chains

From which

A juniper 14 ins diam brs S. 30° W
95 lbs dist, Marked 1/4 S.B.T.A juniper 22 ins diam brs N 30°
W, 105 lbs dist, Marked 1/4 S.B.T.

77.20 The Cor to Secs 14, 15, 22 and 23

Surface rolling

Sut 35 rate

Dense juniper.

North bet Secs 14 and 15
or 13° 56' E4000 Sec 2 Malpais Stone 11 x 8 x 7 ins
8 ins in the ground for 1/4 Sec
Cor. Marked 1/4 on W face, and
raised a mound of stone alongside
pit impracticable8000 Sec 2 Malpais Stone 20 x 8 x 6 ins
13 ins in the ground for Cor to

T. 20 N. R. 2 W.

Chains

Secs 10, 11, 14 and 15, Marked
with 4 notches on S and 2 notches
on E. edges, and raised a mound
of stone alongside.

A Juniper 17 ins diam br N 86° E
193 fms dist, Marked T. 20 N.

R. 2 W. S. 11. B. T.

no other trees within limits,

Surface rolling

Soil 3^d rate

Good grass

Scattering Juniper

East on a random line
bet Secs 11 and 14

On 13° 56' E

over rolling country

4000 Set temporary N. Sec Co
80.04 Intersect N. S. line 17 fms

7.20 N. R, 2 W.

chains

N of Cor to Secs 11, 12, 13 and 14
Thence down

N $87^{\circ} 53'$ W. on a true line
bet Secs 11 and 14. with same var
40.02 Set a Malpais Stone $12 \times 12 \times 8$ 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
fit impracticable

80.04 The Cor to Secs 10, 11, 14 and 18
Surface Rolling & Stony
Soil 3d rate
Scattering Juniper
Good Grass

North bet Secs 10 and 11
Var $13^{\circ} 56'$ E

10.05 A Juniper tree 12 ins diam, on line

210.00 Set a Malpais Stone $12 \times 8 \times 6$ ins

T. 20 N. R. 2 W.

Chains

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

A Juniper 18 ins diam brs N 89° E
140 lbs dist, Marked $\frac{1}{4}$ S. B. T.

A Juniper 11 ins diam brs S 40° W
248 lbs dist, Marked $\frac{1}{4}$ S. B. T.

38,000 ^{Sum} Dense timber brs N. E. & S. W.

8000 Set a Malpais Stone $12 \times 11 \times 10$
ins, 9 ins in the ground for
Cor to Secs 2, 9, 10 and 11.

Marked with 3 notches on S, and
2 notches on E Edges, and
raised a mound of stone
alongside.

From which

A Juniper 13 ins diam brs N
 33° W. 293 lbs dist. Marked
T. 20 N. R. 2 W. S. 3. B. T.

No other trees within limits

T. 20 N. R. 2 W.

chains

Surface rolling
Soil 3 mile
Dense juniper 58. chs.
Good grass.

East on a random line
bet. Secs. 2 and 11

40.00 Set Var $13^{\circ} 56' E$

40.00 Set Temporary $1/4$ Sec cor

76.00 Top of hill bet N.E. & S.W. and
descend

79.98 Intersect N & S line 10 lks N of
Cor to Secs 1, 2, 11 and 12
Thence down

N. $89^{\circ} 34' W$ on a true line
bet Secs 2 and 11, with corner

39.99 Set Malpais Stone $11 \times 10 \times 9$ ins
7 ins in the ground for $1/4$ Sec
Cor, Marked $1/4$ on N face

27

7.20 N. R. 2 W.

Chavis

From which

A Juniper 14 ins diam brs 389° W
133 lks dist Marked 1/4 S. B. T.A Juniper tree 10 ins diam, brs N
 39° W. 200 lks dist, Marked 1/4 S. B. T.

79.98 The Cor to Secs 2, 3, 10 and 11.

Surface rolling & Rocky

Soil 3⁵ ft. to
Heavy Juniper timber
Good grass

on a thin lim. bet. Secs.
North, bet Secs 2 and 3
Va. $130^{\circ} 5' 6''$ E.

A very rolling surface

40.00

Set a Malpais rock.
11 x 10 x 5 ins. 7 ins. in the
ground for "4 Sec. Cor.
marked "4 on the face.
dug pit 18 x 18 x 12 N. & S. of
stone 5 1/2 ft. dist. and aimed

720 N R. 2 W.

chains

5.85

a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side.

Entrance 5th Standard
 Parcel A. 29.90 Chs N. of
 the Standard Cor. to Sp.
 21 N. R. 1 and 2 W. at point
 of intersection I set a
 limestone $14 \times 8 \times 6$ ins. 9 ins.
 in the ground for. blowing
 corner to S.W. 2 and 3 marked
 U.C. with 4 notches on N. and 2
 notches on E. edge. dug pit
 $18 \times 18 \times 12$ ins. S.E. & N. of about
 $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base along side.

Surface pretty rolling
 Soil 2nd rate
 good grass

T. 20 N. R. 2 W.

Chairs

From the cor to Secs
3, 4, 33 and 34 on the S. 1/4
of the T. which was recently
established by me

I run North bet
Secs 33 and 34,
Cra $13^{\circ} 58' E$

210.00 Sera Malpais Stone $16 \times 12 \times 8$ ins
11 ins in the ground for 1/4 Sec Cor
Marked 14 on W. face, and raised
~~a mound of stone alongside~~ from which
A cedar 8 ins diam brs $S. 14^{\circ} W.$ 80 lks dist
Marked 14 S. B. T.

A cedar 10 ins diam brs $N 47^{\circ} E.$ 61 lks dist
Marked 14 S. B. T.

80.00 Sera Malpais Stone, $20 \times 16 \times 5$ ins
15 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
A cedar 5 ins diam brs $N 57^{\circ} E.$ 39 lks dist

7.20 N. R. 2 W.

- Chains Marked 7.20 N. R. 2 W. S 27. B.T.
 A cedar 8 ins diam brs S. 45° E. 12 lbs dist
 Marked 7.20 N. R. 2 W. S 34. B.T.
 A cedar 10 ins diam brs S 48° W. 6.8 lbs dist
 Marked 7.20 N. R. 2 W. S 33. B.T.
 A cedar 9 ins diam brs N 40° W. 38. lbs dist
 Marked 7.20 N. R. 2 W. S 28. B.T.
 Surface rolling and rocky
 Soil 4th rate
 Dense cedar brush & timber
-

East on a random line
 bet Secs 27 and 34
 Va $13^{\circ} 58'$ E

- 8.00 Ravine Co N.E.
 29.00 Dry wash 15 lbs side Co S.E.
 40.00 Set Temporary 14 Sec Cor
 80.12 Intersect N & S Line 16 lbs S of the Cor
 16 Secs 26. 27. 34 and 35
 Thence Iron. S $89^{\circ} 53'$ West on a
 true line bet Secs 27. and 34, with some iron
 40.06 Set a Malfair Stone, $14 \times 13 \times 6$ ins 9 ins
 in the ground

7.20 N. R.2 W.

Chains

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

A cedar 7 ins diam brs S.
25 lbs dist, Marked $\frac{1}{4}$ S. B.T.

A cedar 9 ins diam brs N.
37 lbs. dist, Marked $\frac{1}{4}$ S. B.T.

80.12 The cor to Secs 27, 28, 33 and 34

Surface broken rocky

Soil 3 rate

Dense cedar brush

T. 20 N. R. 2 E.

chains

North bet Secs 27 and 28

Or 13° 58' E

40.00 Set a Malpais Stone 14 x 10 x 4 in 11 in
 in the ground for 1/4 Sec Cor. Marked 1/4 on W. face
 from which. A cedar 5 ins diam br
 E. 32 lbs diar. Marked 1/4 S. B.T.

A cedar 8 ins diam br N 74° W.
 90 lbs diar. Marked 1/4 S. B.T.

73.00 descend

80.00 Set a Malpais Stone 16 x 12 x 6 ins
 11 ins in the ground for Sec to Secs
 21, 22, 27 and 28. Marked with 2
 notches on S. and 3 notches on E edges,
 and raised a mound of stones along side
 from which. A cedar 9 ins diam
 br S 87° E, 154 lbs diar. Marked T. 20 N.

R. 2 W. S 27. B.T. A cedar 10 ins diam
 br S 15° W. 155 lbs diar. Marked T. 20 N.

R. 2 W. S 28 B.T. no other trees within limits

Soil 4 ft gate
 surface rolling
 Dense cedar brush. no grass

7.20 N. R. 2 W.

Chains

East on a random line
Set Secs 22 + 27

1.50 Ravine Co Va 12.08 E

1.30 Ravine Co North

Ascend gradually

41.00 Set temporary 1/4 Sec cor

52.00 Top of ridge brs S, W, ...

61.00 descend gradually

80.14 Intersect N and S line 30 lbs S of cor
to Secs 22, 23, 26 and 27

Thence down

S 89° 57' W on a true line

Set Secs 23 and 27, with same va

40.67 Set a Malpais Stone 14 x 12 x 7 ins

9 ins in the ground for 1/4 Sec cor.

Marked 1/4 on N face. from which

A cedar 8 ins diam brs S. 48° W. 30 lbs
dist Marked 1/4 S. B.T.A cedar 7 ins diam brs N 81° E
68 lbs dist Marked 1/4 S. B.T.

T20 N. R, 2 W.

Chains

80.14 The Cor to Secs 21, 22, 27 and 28.

Surface rolling

Sine 3^d rate

Dense cedar brush

no grass

North bet Secs 21 and 22
 Va 13° 38' E

18.00 Road bet E & W.

22.00 Dry wash 1800 wide bet E.

24.00 Bluff 80 ft high bet E & W.

40.00 Set a Malpais Stone 13 x 12 x 5 ins.
 9 ins in the ground for 1/4 Sec Cor, Marked
 1/4 on N. face. from which

A Cedar 10 ins diam bet S 78° W. 950 lks
 dist, Marked 1/4 S. B. T.

A Cedar 5 ins diam bet N 46° W. 1100 lks
 dist, Marked 1/4 S. B. T.

80.00 Set a Malpais Stone 18 x 12 x 6 ins.

T. 20 N. R. 2 W.

Chains

12 ins in the ground for Cor to Secs 13, 14
21 and 22. Marked with 3 notches on S
and E edges, and raised a mound of stone
along side, pits impracticable, from which

A cedar 28 ins diam brs S. 45° W. 49 lbs
diam. Marked T. 20 N. R. 2 W. S 21, B. T.

A cedar 8 ins diam brs S. 68° E. 110 lbs diam
Marked T. 20 N. R. 2 W. S 22, B. T.

A cedar 6 ins diam brs N 20° W. 82 lbs
diam. Marked T. 20 N. R. 2 W. S 16, B. T.

no other trees within limits

Surface rolling

Soil 2nd rate

Thence cedar

good grass

East on a random line

bet Secs 15 and 22

On $13^{\circ} 5' 6''$ $44^{\circ} 00'$ E

40.00

Set temporary $1/4$ Sec cor.

42.00

Ascend gradually

72.00

Road to S. 1. 2. 3. 4. 5. 6.

80.14

Intersect N and S line 12 lbs N of
Cor to Secs 14, 15, 23 and 23.

Thence I run

N $89^{\circ} 55'$ W. on a true line

bet Secs 15 and 22, with same or

40.07

Set a Malpais Stone $16 \times 7 \times 7$ ins
11 ins in the ground for $1/4$ Sec cor

T. 20 N. R. 2 W.

Chains

Marked $\frac{1}{4}$ on N face, from which
 A Cedar 18 ins diam brs S. 68°
 N. 35 $\frac{1}{2}$ dist; Marked $\frac{1}{4}$ S. B. T.

A Cedar 6 ins diam brs N 45° E
 42 $\frac{1}{2}$ dist; Marked $\frac{1}{4}$ S. B. T.

80, 14 The Cor to Secs 15, 14, 21 and 22

Surface rolling

Soil 3^d rate

Dense Cedar brush

fair grass

North bet Secs 15 and 16

On $13^{\circ} 56'$ E

Over rolling Surface

4000

Set a Malpais Stone $14 \times 8 \times 7$ ins
 11 ins in the ground for $\frac{1}{4}$ Sec
 Cor. Marked $\frac{1}{4}$ on N face

T. 20 N. R. 2 W.

Chairs

From which a juniper 14 ins diam
brs N 45° E, 5 lks dist, Marked
1/4 S. B. T.

A juniper 10 ins diam brs S 45° W
3 lks dist, Marked 1/4 S. B. T.

8000 A Malpais Stone 16 x 8 x 8 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 juniper 10 ins diam brs ^N 48° E
59 lks dist, Marked T. 20 N. R. 2 W.
S 10 B. T.

A juniper 4 ins diam brs S 42° E.
157 lks dist, Marked T. 20 N. R. 2 W.
S 15 B. T.

A juniper 9 ins diam brs S 18° W
118 lks dist Marked. T. 20 N. R. 2 W.
S 16 B. T.

A juniper 11 ins diam brs N 42°

T. 20 N. R. 2 W.

Chaining

W. 123 lks dist, Marked T. 20 N.
R. 2 W. S 9 B.T.

Surface rolling & stony
Dense juniper
Soil 4th rate

East on a random line
bet Secs 10 and 13
Va $13^{\circ} 36' E$

Descend gradually

1900 Road br N.W. & S.E.

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

80.06 Intersect N & S line, 2 lks N of cor
to Secs 10, 11, 14 and 15.

Thence down

N $89^{\circ} 31' W$, on a true line

bet Secs 10 and 15, with same wa

40.03 Set a Malpais Stone $12 \times 12 \times 12$ ins
9 ins in the ground for $\frac{1}{4}$ Sec. Cor.

7.20 N. R.2 W.

Chains

Marked $\frac{1}{4}$ on N face
From which

A Juniper 6 ins diam brs N 12° E
71 lks dist, Marked $\frac{1}{4}$ S. O.B.T.

A Juniper 8 ins diam brs S 37° W.
182 lks dist, Marked $\frac{1}{4}$ S. O.B.T.

8006 The Cor to Secs 9, 10, 15 and 16.

Surface rolling & stony
Line 4th rate

Dense Juniper
Grass fair

North bet Secs 9 and 10
Or $13^{\circ} 56'$ E

20.88 Road N. W. & S. E.

31.54 Juniper tree 18 ins diam on line

40.00 Set of Malpais Stone $16 \times 10 \times 8$
ins, 11 ins in the ground for 44
Sec Cor. Marked $\frac{1}{4}$ on W face.

T. 20 N. R. 2 W.

chains

From which

A Juniper 10 ins diam brs N $88^{\circ} 30' E$
184 lks dist, Marked $\frac{1}{4}$ S. B. T.

A Juniper 16 ins diam, brs N $23^{\circ} W$
147 lks dist, Marked $\frac{1}{4}$ S. B. T.

8500 Set a Malpais Stone $18 \times 15 \times 9$ ins
12 ins in the ground for Corb's Decs
3, 4, 7 and 10, Marked with 3 notches
in S, and 3 notches on E edges.

From which

A Juniper 10 ins diam, brs N $79^{\circ} E$
46, lks dist, Marked T. 20 N. R. 2 W
S. 3. B. T.

A Juniper 12 ins diam, brs S. $79^{\circ} E$, 70 lks
dist, Marked T. 20 N. R. 2 W.
S. 10. B. T.

A Juniper 16 ins diam brs S. $70^{\circ} W$.
49 lks dist, Marked, T. 20 N. R. 2 W.
S. 9. B. T.

A Juniper 18 ins diam brs N. $67^{\circ} W$.

7.20 N. R. 2 W.

chains

70 fks dist; Marked 7.20 N. R. 2 W.
S. 21. B. T.

Surface rolling
Soil Hth red & stony
Dense Juniper
Grass fair

East on a random line

bet Secs. 3 and 10

va $13^{\circ} 56' E$

4.00 Juniper 16 ins diam in line

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

79.98 Intersect N & S line, 10 fks S
of cor to Secs 2, 3, 10 and 11

Thence I run

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

bet Secs 3 and 10, with same va

39.99 Set a Malpais Stone $12 \times 8 \times 8$ ins
8 in in the ground for $\frac{1}{4}$ Sec cor

T. 20 N. R. 2 W.

chains

Marked $\frac{1}{4}$ on N face. and
raised a mound of stone along
side, pits impracticable.

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

Surface rolling

Soil 3^d rate & stony

Scattering Juniper

Good Grass

North on a true line

bet Secs 3 and 4

N $13^{\circ} 36' E$

4000 Set a Malpais Stone, $17 \times 12 \times 6$ in
12 ins in the ground for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}$ on N face
dug pits $18 \times 18 \times 12$ ins. N. and S. of stone
 $5\frac{1}{2}$ ft. dirt. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. long
S. 60 Submark - 5th Standard 31.20 Ch.
N. of the Cor. to Secs. 35 and 36

7.20 N. R. 2 W.

Chains

which was recently established by me.
At point of intersection of a
malpais creek $14 \times 9 \times 9$ in ~ 7
ins. in the ground for showing
cor. to Sec. 3 & 4 marked
C. L. with 3 notches on E. S. W.
edge, and raised a mound
of stone alongside.
covered with earth
surface level
Soil 2nd. rate
good grass

I carefully examined the adjustments
of my Sdr. instrument
to-day particularly the
levelled and leveling
apparatus and found
them correct.

T20 N. R2 W

chains

From the Cor to Secs. 4, 5, 32nd & 33,
on the South B'y. of the Township
recently established by one
Town

North bet Secs 32nd & 33,
ca 13° 38' East

11.00 Descend gradually

40.00 Set a Sandstone 17 x 11 x 8 ins, 11 ins
in the ground for 1/4 Sec Cor. Marked
1/4 on W. face. from which

A Cedar 10 ins diam bet S. 75°
W. 38th dist, Marked 1/4 S. B.T.

A Cedar 4 ins diam bet N 35° E
84th dist, Marked 1/4 S. B.T.

80.00 Set a Sandstone 14 x 12 x 8 ins
9 ins in the ground for Cor to Secs
28, 29, 32 and 33, Marked with 1 notch
on S and 4 notches on E edges, and
raised a mound of Stone alongside
it impracticable, from which

T. 20 N. R. 2 W.

chains

A Cedar 16 ins diam brs S. 8° W. 124 lks
dist; Marked T. 20 N. R. 2 W. S 32, B. T.

A Cedar 14 ins diam brs N 10° W. 22 lks dist
Marked T. 20 N. R. 2 W. S 27, B. T.

A Cedar 18 ins diam brs S. 58° E. 21 lks dist
Marked T. 20 N. R. 2 W. S 33, B. T.

No other trees within limits

Surface rolling, Soil 3rd rate
Grass Cedar grass fair

East on a random line
bet Secs 28 and 33.

On 13° 58' E

27.70 Dry Wash, Co. North

40.00 Set ~~detouring~~ 1/4 Sec cor

61.00 Descend gradual slope

79.96 Intersect N and S line 16 lks S
of cor to Secs 27, 28, 33 and 34
Thence I run

S 89° 53' W. on a true line
bet Secs 28 and 33, with same or

39.98 Set a Malpais Stone 16 x 12 x 5 ins
11 ins in the ground for 1/4 Sec cor
Marked 1/4 on N face, from which
A Cedar 12 ins diam brs S 115°

7.20 N. R. 2 W.

chains

Hrs. Marked $\frac{1}{4}$ S. B. T.

A cedar 13 ins diam brs North 134 Hrs

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

79.76 The Cor to Secs 28, 29, 33 and 33

Surface rolling

Soil 3^d rate

Dense Cedar brush

Grass fair

North bet Secs 28nd and 29

(N 13° 36' E

over rolling surface

4000 Set a Malpais Stone 10x10x10 ins
7 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. 18° E.
72 Hrs dist. Marked $\frac{1}{4}$ S. B. T.

3.20 N. R 2 W

Chains

- A Juniper 31 ins chain bro S. $57^{\circ} 44'$
 35 lbs dist. Marked $\frac{1}{4}$ S. B. T.
- 72.00 Leave timber, bro E + W. over flat.
- 79.10 Wash 15 lbs side, bro E.
- 80.00 Set a Limestone $11 \times 10 \times 8$ ins
 7 ins in the ground for bear to
 Secs 20, 21, 28 and 29
 Marked with 2 notches on S and
 4 notches on E. edges, and raised
 a mound of stone alongside
 pits impracticable
 Surface rolling
 Soil 3^{d} rate
 Good Grass
 Some Juniper

East in a random line
 bet Secs 21 and 28
 Va $13^{\circ} 58'$ E

7.20 N. R 2 W.

chains

over flat Co East

410.00 Set temporary $\frac{1}{4}$ Sec cor79.82 Intersect N + S line 16 lks N
of cor to Secs 21, 22, 27th and 28th
Thence runN $89^{\circ} 53'$ W. on a true line
bet Secs 21st and 28th, with same39.91 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ S. on N face, dug pits 18 x 15 x 12
ins. E and W of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base around
post.79.82 The cor to Secs 20, 21, 28th and 29th

Surface rolling

Soil 3rd rate

Good grass

Scattering Juniper

T. 20 N. R. 2 W.

chains

North bet Secs 20nd and 21st
or 13, 15 & 18 E

Over rolling surface

2,135 Leave flat Co. E.

enter timber bet E & W.

40,000 Set a Malpais Stone 12 x 9 x 5 ins
9 ins in the ground for 1/4 Sec cor
Marked 1/4 on W face

From which

A Juniper 18 ins diam bet E
33 lks dist. Marked 1/4 S. B. T.A Juniper 11 ins diam bet S 30° W
56 lks dist. Marked 1/4 S B. T.8000 Set a Malpais Stone 16 x 12 x 7
ins, 10 ins in the ground for
cor to Secs 16, 17, 20nd and 21st
Marked with 3 notches on S, and
4 notches on E edges.

From which

A Juniper 8 ins diam bet N 47° E
31 lks dist. Marked T. 20 N. R. 2 W.

720 N. R2 W.

Chains

S14. B.7.

A juniper 10 ins diam brs S71° E
47 lbs dist. Marked 720 N. R2 W.
S. 21. B.7.

A juniper 12 ins diam brs S 51° W
46 lbs dist. Marked 720 N. R2 W.
S20. B.7.

A juniper 8 ins diam brs N 89° W.
38 lbs dist. Marked 720 N. R2 W.
S17 B.7.

Surface rolling

Soil 3^d rate

Dense juniper

Good grass

East on a random line
bet Seas 14 and 21

(Va 13° 54' E

over rolling surface

7.20 N. R 2 W.

chains

34.40 Road brs N & S.

4000 Set Temporary $\frac{1}{4}$ Sec cor8000 Intersect N & S line 7 lks S
of cor to Secs 15, 16, 21 and 22
Thence I runS $89^{\circ} 37'$ W. on a true line
bet Secs 16 and 21.

with same va

4000 Set a McPain's Stone $10 \times 9 \times 9$ ins
6 ins in the ground for $\frac{1}{4}$ Sec
cor Marked $\frac{1}{4}$ on N face
From whichA Juniper 6 ins diam brs S $76^{\circ} E$
81 lks dist. Marked $\frac{1}{4}$ S. B. T.A Juniper 20 ins diam brs N
 $45^{\circ} W$. 90 lks dist. Marked $\frac{1}{4}$ S. B. T.

8000 The cor to Secs 16, 17, 20 & 21

Surface rolling

Soil 4th rate

Good Grass

Some Juniper

T. 20 N. R. 2 W.

Chains

North bet Sees 16 and 17 $13^{\circ}56'E$
 4000 Set a Malpais Stone $14 \times 10 \times 6$ ins
 9 ins in the ground for $\frac{1}{4}$ Sec Cor
 Marked $\frac{1}{4}$ on N face,
 from which

A Juniper 12 ins diam to $S 25^{\circ} E$.
 121 lks dist Marked $\frac{1}{4}$ S B.T.

A Juniper 14 ins diam to $S 54^{\circ} W$
 134 lks dist. Marked $\frac{1}{4}$ S B.T.

8000 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor. to Sees,
 8-9-16 + 17 - marked T. 20 N S. 9 on
 N. E. R. 2 W S. 16 on S, E, S, 17 on
 S, W, and S, 18 on N, W, face, with 2 notch
 on S, and 4 notch - on E. edges, dug
 pits $18 \times 18 \times 12$ ins. in each See, $5\frac{1}{2}$ ft. dist.
 and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft.
 base. around post.

A Juniper 14 ins diam to $S 47^{\circ} E$
 188 lks dist. Marked T. 20 N. R. 2 W
 S 16. B.T.

5-3

7.20 N. R.2 W.

chains

A Juniper 18 ins diam brs S 86°
 W. 137 fms dist, Marked 7.20 N, R.2 W.
 S.17, B.T.

A Juniper 20 ins diam brs N
 64° W. 134, Marked, 7.20 N, R.2 W.
 S.8, B.T. No other trees in limits

Surface rolling

Soil 3^d rate

Dense Juniper

Grass fair

East on a random line
 bet Secs 9 and 16

N. 13° 56' E

Over rolling country

40.00 Set temporary 1/4 Sec cor

80.24 Intersect N and S line 27 fms

N of Cor to Secs 9, 10, 15th and 16

Thence down

7. 20 N. R 2 W.

ins

N 89° 48' W on a true line
bet Secs 9 and 16, with same va

0.12

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor,
marked $\frac{1}{4}$ S. on N face, dug pit 18 x 18 x 12
ins. E and W of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft, high. 3 $\frac{1}{2}$ ft. base. around
post.

A Juniper 12 ins diam brs N 33° E
76 lbs dist. Marked $\frac{1}{4}$ S. B. T.

A Juniper 17 ins diam brs S 24° W,
28 lbs dist. Marked $\frac{1}{4}$ S. B. T.

8, 24 The Cor to Secs 8, 9, 16 and 17

Surface rolling

Soil 3^d rate

Dense Juniper

Grass fair

T. 20 N. R. 25 W.

chains

North bet Secs 8 and 9
va $13^{\circ}36'E$

21,000 Set a post 3 ft ling, 3 ins square
24 ins in the ground, for $\frac{1}{4}$ Sec
Cor. Marked $\frac{1}{4}^S$ on W face —
From which

A Juniper 12 ins diam brs $N32^{\circ}E$,
70 lbs dist, Marked $\frac{1}{4} S.B.T.$

A Juniper 12 ins diam brs $S48^{\circ}E$
203 lbs dist Marked $\frac{1}{4} S.B.T.$

46.90 Old road brs N.W. & S.E.

71.80 Road brs N.W. & S.E.

80.00 Set a Malfair Stone $13 \times 11 \times 8$,
9 ins in the ground for Cor
to Secs, 4, 5, 8 and, 9. Marked
with 5 notches on S. and
4 notches on E edges, and
raised a mound of stone
along side — From which
A Juniper 20 ins diam brs

7.20 N. R. 2 W.

Chasins

S. 32° W. 207 lks dist. Marked
7.20 N. R. 2 W. S 8. B. 7.

A Juniper $\frac{1}{2}$ ins diam brs $N 88^{\circ}$ W.
206 lks dist. Marked

7.20 N. R. 2 W. S 3. B. 7.

No other bearing trees within limits.

Surface rolling

Soil 4th rate & stony

Dense Juniper

East on a random line
bet Secs 4 and 9.

On $13^{\circ} 56'$ E

4,000 Set temporary $\frac{1}{4}$ Sec Cor

80,14 Intersect $N \frac{1}{2}$ S line 15 lks

N of Cor to Secs 3, 4, 9 and 10

Thence Town

$N 89^{\circ} 54'$ W. on a True line
bet Secs 4 and 9, with same va

57

T. 20 N. R. 2 W.

Chains

40.07 Set a Malpais Stone $10 \times 10 \times 10$
ins. 7 ins in the ground for
1/4 Sec Cor. Marked 1/4 on N
face, and raised a mound of
Stone alongside.

pits impracticable

80.14 The Cor to Secs 4, 5, 8 and 9

Surface rolling

Soil 4th rate

Grass fair

Dense ferns

^{on a line}
Northy bet Secs 4 and 5
Va. 13056' E.

Very rolling surface

4000

Set a Vernalis rock
 $12 \times 10 \times 10$ ins. 8 ins. in the
ground for 1/4 Sec. Cor.
marked 1/4 on N. face.
dug pit $18 \times 18 \times 12$ ins.

7.20 N. R. 2 W.

Ch. 5 ft. of stone 5 1/2 ft.
dirt. I and raised a
mound of earth 1 1/2
ft. high 3 1/2 ft. long
alongside.

55.95

Substant. 5th Standard
29.80 Ch. West of the ter.
to Sec. 34 and 35 at point
of intersection I set a
small pair rock 12x12x12
ins. 8 ins. in the ground
for claiming Co. to Sec.
4 and 5 marked C.C. with
2 notches on W. and 4 notches
on E. edge. and raised
a mound of stone alongside.
Rt. imp. laticate
Surface rolling
Soil 2nd. half
Good grass

T. 20 N. R. 2 W.

From the Cor to Secs 31, 32 and 33 on the South By of the Twp which was recently established by me. I run

North bet Secs 31 and 32

On $14^{\circ} 00' E$

40.00 Set a Sandstone $17 \times 10 \times 8$ ins
11 ins in the ground for $1/4$
Sec Cor Marked $1/4$ on N. face
from which, A Cedar 10 ins diam
br $S 14^{\circ} W. 30$ lbs, Marked $1/4 S. B. T.$

A Cedar 4 ins diam br East
62 lbs dist, Marked $1/4 S. B. T.$

80.00 Set a Sandstone $18 \times 14 \times 4$ ins
12 ins in the ground for Cor to
Secs 29, 30, 31 and 32, Marked
with 1 notch on S. and 5 notches
on E edges, from which

A Cedar 14 ins diam br N
49 lbs dist
 $60^{\circ} E$, Marked T. 20 N. R. 2 W.

7,20 N. R. 2 W. S 32. B.T.

S. 29 B.T. A cedar 6 ins diam
br S 78° E, 35 fms dist, Marked

7,20 N. R. 2 W. S 32. B.T.

A Pinon 10 ins diam br S
41° W. 17 fms dist, Marked

7,20 N. R. 2 W. S 31 B.T.

A Pinon 6 ins diam br N. 82°
W. 70 fms dist, Marked 7,20 N.
R. 2 W. S 30. B.T.

Surface rolling

Soil 3 rate

Dense cedar

East on a random line
bet Secs 29 and 32

On 13° 58' E

4000 Set Temporary 1/4 Sec corner

74.70 Dry wash 25 fms wide, Co N. E.

80.06 Intersect N and S line 14 fms S.

T. 20 N. R. 27 E.

Chain

of Cor to Secs 28, 29, 32 and 33

Thence I run

S $89^{\circ} 53'$ W. on a true line
bet Secs 29 and 33, with same va40.03 Set a Sandstone $12 \times 7 \times 7$ ins. 9 ins
on the ground for $\frac{1}{4}$ Sec Cor, Marked
 $\frac{1}{4}$ on N face, from whichA cedar 7 ins diam br N 15° E
65 lbs dist, Marked $\frac{1}{4}$ S. B. I.A cedar 10 ins diam br S, 20' W
95 lbs dist, Marked $\frac{1}{4}$ S. B. I.

80.06 The Cor to Secs 29, 30, 31 and 32

Surface rolling

Soil 3^d rate

Dense cedar brush

Grass fair

on a rugged line bet.
West bet Secs 30 and 31W. $13^{\circ} 58'$ E.

Over hilly surface

4000 Set temporary 14 sec. cor.
78.56 Dry wash 10 links wide 61A
Co. N. H.

87.80 Surt. N. Co. of the Sp. 12 links
S. of the Vep. to Sec. 25. 30. 31 & 36
which was recently established by me.
Thence I run S. 89° 55' E. on
a true line bet. Secs. 30 & 31
with same cor.

47.80 Set a malpais rock 16x10x10 ins
11 ins. in the ground for 14 sec. cor. marked
"4 on the face and raised a mound
of stone alongside. Pith unpracticable
87.80 The Co. to Secs. 29, 30, 31 and 32
Surface hilly
Soil 4th note—
Grew scrubby juniper and
Pine

BOOK 1060

T. 20 N. R. 2 W.

Chain

North bet Secs 29 and 30
 Va $13^{\circ}56'$ E

Over rolling Surface

37.77 Ascend Sandstone bluff brs E & W.

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

A Juniper 8 ins diam brs $N 6^{\circ} W$
 92 lks dist, Marked $\frac{1}{4}$ S. B. T.

A Pinon 11 ins diam brs $S 74^{\circ} W$
 112 lks dist, Marked $\frac{1}{4}$ S. B. T.

8000 Set a Sandstone $12 \times 10 \times 9$ ins
 9 ins in the ground for Cor to
 Secs 19, 20, 29 and 30. Marked
 with 2 notches on S, and 5 notches
 on E edges

From which

A Juniper 8 ins diam brs $N 75^{\circ} E$
 43 lks dist, Marked 720 N. R. 2 W.

T. 20 N. R. 2 W.

Chains

S. 20 B. T.

A Juniper 24 ins diam brs S. 78° E.

42 lbs dist, Marked T. 20 N. R. 2 W.

S. 29. B. T.

A Juniper 12 ins. diam brs S. 8° W

48 lbs dist, Marked T. 20 N. R. 2 W.

S. 30 B. T.

A Juniper 18 ins diam brs N 53° W.

149 lbs dist, Marked T. 20 N. R. 2 W.

S. 19. B. T.

Surface Rolling

Soil 3^d rate

Dense Juniper

Grass fair

East on a random line
bet Secs 20 and 29

On $13^{\circ} 36'$ E

over rolling surface

T. 20 N. R. 2 W.

Chains

40.00

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

80.02

Intersect N and S line 11 lks S.
of Cor to Secs 20, 21, 28th and 29
Thence I runS $89^{\circ} 55' 11''$ W, on a true line
bet Secs 20th and 29, with same ra

40.01

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 N face.

From which

A juniper 10 ins diam brs N 28° E
43 lks dist. Marked $\frac{1}{4}$ S. B.T.A juniper 5 ins diam brs N. 45° W
12 lks dist. Marked $\frac{1}{4}$ S. B.T.

80.02

The Cor to Secs 19, 20, 29th and 30.Surface rolling
Soil 3^d rateDense Juniper
Grass fair

7.20 N. R. 2 W.

Chains

West ^{on a random line} bet Secs 19 and 30
T₄. 13° 56' E.

Low hilly surface

4000
87.79 Sit timbering 1/4 sec. cor.
Intersect N. 89° of the Sp. 7
line S. of the cor. to
Secs. 19, 24, 25 & 30 which was
recently established by cut.

Thence down N. 89° 57' E. on a
true line bet Secs. 19 & 30 with corner.

87.79 Set a walpole rock 10x10x6
ins. 7 ins in the ground for 1/4
sec. cor. marked. 1/4 on N. face
and raised a mound of
stone alongside. Pit ^{superficial} beneath

87.79 The cor. to Secs. 19, 20, 29 and 30
Surface hilly
Soil 3rd. ^{only}
Good grass

T. 20 N. R. 2 W.

Chains

North bet Secs 19th and 20
 Va 13° 56' E

over rolling surface

40.00 Set a post 3 ft long 3 ins square
 24 ins in the ground for 14 Sec
 Cor. Marked 14th on N. face
 from which

A Juniper 24 ins diam. br S 35°
 E, 32 lks dist, Marked 14 S. B. T.

A Juniper 30 ins diam br S 45° W
 46 lks dist, Marked 14 S B. T.

80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 17, 18, 19 & 20 marked T. 20 N S. 17 on
 N. E. R. 2 W. S. 20 on S. E, S, 19 on
 S, W, and S, 18 on N, W, face, with 3 notches
 on S, and 5 notches on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
 and raised a mound of earth 2 ft, high. 4½ ft.
 base. around post.

A Juniper 30 ins diam br S 45°

7.20 N. R. 2 W.

Chains

Co, 104 fks dist; Marked 7.20 N.
R. 2 W. S 20. B.T.

A Juniper 36 ins diam brs N 70°
W. 261 fks dist; Marked 7.20 N.
R. 2 W. S 18. B.T.

No other trees within limits

Surface rolling

Soil 3^d rate. Stony

Dense Juniper

Grass Hair

East on a random line
bet Secs 17 and 20

On 13° 56' E

Over rolling surface

4000 Set Temporary 1/4 Sec Cor

80.12 Intersect N and S line 24 fks

N of Cor to Secs 16. 17. 20nd 21

Thence down

7.20 N. R. 2 W.

40.06 N $89^{\circ} 30'$ West on a true line
bet Secs 17 and 20, with same area
Set a McParr Stone $10 \times 8 \times 7$ ins
7 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 41°
E, 73 lbs, Marked $\frac{1}{4}$ S. B. T.

A Juniper 11 ins diam brs N 56° W,
79 lbs dist, Marked $\frac{1}{4}$ S. B. T.

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

Surface rolling

Soil 3 rate + Stony

Juniper timber

Grass fair

West on a random line bet
Secs. 18 and 19

Var. 13056^{CE}.

Over rolling surface

T. 20 N. R. 2 W

Chains

40.00 Set temporary "4 Sec. Cor.
 87.60 Intersect N. Coy. of the Sp.
 18 links N. of the Cor.
 to Secs. 17, 18, 19 & 24 which
 was recently established by me
 Thence S. 89° 43' E. on a
 true line to Sec. 18 & 19 with
 same var.

47.60 Set a post 3 ft. long lim. cog.
 with marked top 12 ins. in the
 ground for "4 Sec. Cor. marked "4 Sec.
 N. face. dug pit 18 x 18 x 12 ins. E. & W. of
 post. 5 1/2 ft. dist. and raised a
 mound of earth 1 1/2 ft. high
 3 1/2 ft. bar around post.

87.60 The Cor. to Secs. 17, 18, 19 & 20
 Surface rolling
 Soil 2nd. rate
 Dense juniper and Pinon
 brush

7.20 N. R.2 W.

chains

North bet Secs 17 and 18
on $13^{\circ} 36' E$

Over rolling Surface

40.00

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor,
marked 1 S. on W face, dug pits 18 x 18 x 12
ins. N and S of post 54 ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post. from which

A juniper 16 ins diam brs $N 34^{\circ} W$
17 lks dist, Marked 14 S. B. J.

A juniper 18 ins diam brs $N 17^{\circ} E$
42 lks dist, Marked 14 S. B. J.

80.00

Set a post 4 ft long, 4 ins square
24 ins in the ground for Cor to
Secs 7, 8, 17 and 18, marked.

7.20 N. S 8 on NE

R. 2 W. S 17 on SE

S 18 on S.W. and

S 7 on N.W. faces, with 4 notches
on S, and 3 notches on E edges

T. 20 N. R. 2 W.

Chains

from which

A juniper 4 ins diam, brs S 71° E
 32 lbs dist, Marked T. 20 N. R. 2 W.
 S 17. B. T.

A juniper 14 ins diam brs S 37° W
 150 lbs dist, Marked, T. 20 N. R. 2 W.
 S 18. B. T.

A juniper 16 ins diam brs N 22° W
 225 lbs dist, Marked T. 20 N. R. 2 W.
 S 7. B. T.

A juniper 10 ins diam. brs N 45° E
 169 lbs dist, Marked T. 20 N. R. 1 W.
 S 8. B. T.

Surface rolling
 Soil 3^d rate

Dense juniper & oak brush

7.20 N. R. 2 W.

Chains

East on a random line

bet Secs 8 and 17

~~over a~~ Va $13^{\circ} 56' E$

over rolling surface

4.070 Set Temporary $\frac{1}{4}$ Sec Cor80.12 Intersect N and S line 24 lks N of Cor
to Secs 8, 9, 16 and 17.

Thence Iron

N. $89^{\circ} 50' W.$ on a true line
bet Secs 8 and 17, with same Va40.06 Set a post 3 ft long 3 ins square
24 ins in the ground for $\frac{1}{4}$ Sec
Cor Marked $\frac{1}{4}$ on N face
From whichA Juniper 15 ins diam brs N $52^{\circ} E$
134 lks dist, marked $\frac{1}{4}$ S. B. T.A Juniper 10 ins diam brs S. $67^{\circ} E$
27 lks dist, Marked $\frac{1}{4}$ S. B. T.

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

Surface rolling
Snd & shale
Dense Juniper

T. 20 N. R. 2 W

7+18

Chains

^{marginal line}
West bet Secs 7 and 18
Va. 100 56' E

Long rolling surface

4000

Set temporary line Sec. 10.

87.51

Intersect. St. Ry. of the Sp.
20 miles N. of the Sec. to Secs.

7, 12, 13 and 18 which was recently established
by me. Thence. From N. 89° 52' E.
on a true line bet. Secs. 7 + 18 with
same va.

47.51

Set a malpais rock 12x8x8 in 8
ins. in the ground for 1/4 Sec. 10.
marked by on it. face, and
raised a mound of stone along
side. covered with earth

87.51

The line to Sec. 7, 8, 12 & 18
Surface rolling
with 3rd. rate

Dense juniper brush

T. 20 N. R. 2 W

chains

North bet Secs 7 and 8
Ta 72056'E.

overrolling surface

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for 1 Sec. Cor marked 4 S. on W face, dug pits 18 x 18 x ins. N and S of post 5 1/2 ft. dist. and raise a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post. A Juniper 14 ins diam

brs N 31° E. 188 lbs dist. Marked 1/4 S. B. T. A Juniper 16 ins diam brs S. 18° E. 126 lbs dist. Marked 1/4 S. B. T.

75.00

Leave dense timber brs N. E. + S. W.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 5-6-7 and 8 marked T. 20 N. S. 8 on N. E. R. 2 W. S. 8 on S. E. S. 7 on S. W. and S. 6 on N. W. face, with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 ft. base. around post.

7.20 N.

R.2 W.

chains

A Juniper 12 ins diam brs S. 62° E.
 200 lks dist. Marked 7.20 N. R.2 W.
 S. 8. B. I. no other trees within limits

Surface rolling

Soil 3 rate

Good grass

Dense Juniper 75, Chs

East on a random line

bet Secs 5 and 8

(Va 130 5-6' E.

4000 Set Temporary 1/4 Sec Cor

70.42 Road brs N.W. & S.E.

79.84 Intersect N and S line 30 lks

N of Cor to Secs 4, 5, 8 and 9

Thence down

N 89° 47' W. on a true line

bet Secs 5 and 8. with same or

39.92 Set a post 3 ft long, 3 ins square

T. 20. N. R. 2 W.

Chains

24 ins in the ground for $\frac{1}{4}$ Sec Cor
Marked $\frac{1}{4}$ on N face.

From which

A Juniper 12 ins diam bro N 75°
E. 19 lbs dist, Marked $\frac{1}{4}$ S. B. T.

A Juniper 8 ins diam bro S. 21 lbs
dist, Marked $\frac{1}{4}$ S. B. T.

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

Surface rolling
Soil 3rd rate

Dense Juniper
Grass fair

West on a random line
bet Secs 6 and 7

On $130^{\circ} 56' E.$

over rolling surface

4000 Set temporary $\frac{1}{4}$ Sec Cor
87.63.5 Intersect N. Ry. of the

720 N. R2 W

Chains

Sp. 4 links S. of the Cor.
to Secs. 1, 6, 7 & 12, which was
recently established by me. Thence I
ran S. $89^{\circ} 58' E.$ on a true
line for Sec. 6 & 7 with same on.

47.63

Set a post 2 ft. long 2 in.
sq. with marked stone 12 in.
in the ground for "the Cor."
marked 44 on N. face.

dug pits $18 \times 18 \times 12$ in.
E. S. of post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
around post.

87.63

The Cor. to Secs. 5, 6, 7 & 8

Surface rolling
Soil 2nd. rate of

Good grass

Duck Juniper brush

T. 20 N. R. 2 W.

Chains

North bet Secs 5 and 6

(Va 13° 56' E

40.00 Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S. on W face. dist. 18 x 18 x 12 ins. and set out 1 ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post. from which

A juniper 12 ins diam br S 17° E
111 lks dist. Marked $\frac{1}{4}$ S. B.T.

A juniper 8 ins diam br S 9° W.
89 lks dist. Marked $\frac{1}{4}$ S B.T.

54.52 Intersection 5th Standard Parallel
N. 29.87 Chs. W. of the Stand.
Cor. to Sec. 33 & 34 recently
established by me. At point
of intersection I set a
malpais rock 18 x 12 x 6
ins. 12 ins. in the ground
for bearing cor. to Sec.
5 and 6 marked C.C.

7.20 N. R. 2 W.

Chambers

well: 1 notch on N.
and 5 notches on E. side.
~~and round~~ clay pit
18x18x12 in. S. E. 10 ft. of
stone 5 1/2 ft. dist. and
raised a mound of
earth 2 ft. high 10 ft.
tan alongside
Surface rolling
Soil 2nd. & 3rd. note
Dune juniper bush
Faint grave

I carefully examined
the adjustments of
my solar compass
to day particularly the
latitude and meridian
apparatus and found them
correct.

T. 20. N. R. 2 W.

Chains

General Description

The surface of this township is level and rolling in the northern part. The southern part is more mountainous.

The soil ranges from 2nd to 3rd. grade.

There is a dense growth of juniper, and pine in the southern part.

It affords excellent grazing.

The Ash Fork and Prescott stage road pass through the township N.W. and S.E.

For final walk
see Book No 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, executed 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 explanations made, the said Field Notes and the surveys they describe are hereby approved

Royal A. Johnson
Surveyor General.