

SUBDIVISIONS
of
T. 31, N., R. 2, E. Frac¹.
Jacobs.

BOOK 608

No. 608

4-671

608

FIELD NOTES
GENERAL LAND OFFICE.

No. 608

FIELD NOTES
of the survey of the
SUBDIVISION LINES
of
Township No 31 North
Range No 2 East,
(Fractional)
of the
GILA and SALT RIVER
BASE and MERIDIAN
in the
TERRITORY OF ARIZONA
as surveyed by
FRANCIS B. Jacobs
U.S. Deputy Surveyor
under his contract No 71
Dated June 13th 1900

Survey Commenced Dec. 15th 1900Survey Completed Dec. 24th 1900

Names and Duties of Assistants
 Alfred J. McMillan Chairman
 J. William Donnelley Chairman
 Harry H. Thompson Axeman
 Emory Miller Axeman
 Edward Leppien Flagman

BOOK 608

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Township 31 North R. 2 E.

Fractional

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Survey commenced
December 5th 1900

I test my transit on the
meridian, established at
my camp on Dec. 15th 1892
N 2 E. on Nov 7th 1900 by
observation on Polaris and
heretofore described and
find the adjustment
approximately correct

From the cor. of secs 1-2
35 and 36 on the S. bdg. of
the Tp. which is a limestone
5x10x4 ins. above ground
previously set. marked and
witnessed by me. I run
No. 1 N lat, Secs 35 and 36
over heavily timbered land

4

12.70 Road bears E, and W.

40.00 Set a limestone $18 \times 16 \times 8$ ins.
12 ins. in the ground for 44.
of Sec. cor.

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

A Pine 12 ins. diam.,
bears $S 80\frac{3}{4}^{\circ} E$ 60 lks. dist.
Marked $\frac{1}{4}$ S. 36. B.T.

A Pine 16 ins. diam.,
bears $N 14\frac{1}{2}^{\circ} W$ 17 lks. dist.
Marked $\frac{1}{4}$ S 35 B.T.

80.00 Set a limestone $24 \times 16 \times 4$ ins.
18 ins. in the ground for cor.
of Secs 25-26-35 and 36
Marked with 1 notch on S
and E edges
From which

A Pine 14 ins. in diam.,
bears $N 39\frac{1}{2}^{\circ} E$ 18 lks. dist.

marked T. 31 N. R. 2 E.

S 25 B.T.

A Cedar 6 ins. in diam.

bears S 69° E 94 lds. dist.

marked T. 31 N. R. 2 E.

S 36 B.T.

A Pine 4 ins. in diam.

bears S $62\frac{1}{4}^{\circ}$ W. 41 lds. dist.

marked T. 31 N. - R. 2 E.

S 35 B.T.

A Pine 8 ins. in diam.

bears N $25\frac{1}{2}^{\circ}$ W. 34 lds. dist.

marked T. 31 N. - R. 2 E.

S 26 B.T. -

Land rolling

Soil 3^d rate

Timber Pine and Cedar

Heavily timbered land 80⁺ chs.

6

- S $89^{\circ}53'E$ on a random line but Secs 25 and 36
- 40.00 Set temp $\frac{1}{4}$ Sec. cor.
- 79.98 Int. E. bdy. at the cor. of Secs 25-30-31 & 36
 Hence I run
 N $89^{\circ}53'N$ on a true line but Secs 25 and 36 through heavy timber
- 39.99 set limestone $18 \times 8 \times 3$ ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. cor.
 Marked $\frac{1}{4}$ on N face from which
 A Pine 16 ins. in diam. bears N $34\frac{1}{2}^{\circ}E$ 18 lks. dist.
 Marked $\frac{1}{4}$ S 25 B.T.
 A Pine 14 ins. in diam. bears S $25\frac{3}{4}^{\circ}E$ 39 lks. dist.
 Marked $\frac{1}{4}$ S 36 B.T.

79.98 The cor. of Secs. 25-26-
35 and 36.

Sand rolling

Soil 3^d rate

Timber Pine and cedar

Heavily timbered land 79.98 acs

N 0° 1' W bet Secs 25 and 26
through heavy timber

3.00 Gulch corner N.E.

40.00 Set a limestone 16 x 8 x 6 ins.
11 ins. in the ground for $\frac{1}{4}$
Sec. cor.

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

A Pine 24 ins. in diam.

bears S 67° E 4 lks. dist.

marked $\frac{1}{4}$ S 25° B.T.

A Cedar 27 ins. in diam. bears

S 47° W 12 lks dist marked $\frac{1}{4}$ S 26° B.T.

80.00 Set A limestone $30 \times 10 \times 8$ ins.
 22 ins. in the ground for cor. of
 Secs 23-24-25 and 26
 marked with 2 notches on S.
 and 1 notch on E edges.
 From which
 A Pine 6 ins. in diam.
 bears $N 65^\circ E$ 11 lks, dist.
 marked T31 N. R. 7 E.
 S 24 B.T.

A Pine 10 ins in diam
 bears $S 41^\circ E$ 57 lks, dist.
 marked T31 N. R. 7 E. S 25 B.T.

A Cedar 12 ins. in diam
 bears $S 26\frac{1}{2}^\circ W$ 36 lks, dist.
 marked T31 N. R. 7 E. S 26 B.T.

A Pine 8 ins. in diam.
 bears $N 80^\circ W$ 18 lks dist
 marked T31 N. R. 7 E. S 23 B.T.
 Land Rolling

Soil rocky & ¹/₄ rate
 Timber Pine and cedar
 Heavily timbered land 80th
 December 5th 1900

S 89° 53' E on a random
 line bet Secs 24 and 25

40.00 Set temp. ¹/₄ Sec cor

80.00 Intersect Eddy at the cor. of
 Secs 19-24-25 and 30

Thence I run

N 89° 53' W on a true line
 bet. Secs 24 and 25
 through heavy timber

40.00 Set a limestone 34 x 12 x 6 ins.
 18 ins. in the ground for ¹/₄
 Sec. cor

marked ¹/₄ on N face
 From which
 Pine 10 ins. in diam.

10

bears N $4\frac{3}{4}$ ° E 17 lks. dist.

marked $\frac{1}{4}$ S 24 B.T.

a Pine 8 ins. in diam.

bears S $24\frac{1}{2}$ ° W, 22 lks. dist

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

80.00

The cor. of Secs 23-24-25 and 26

Land rolling

Soil 4th rate

Timber Pine and cedar

Heavily timbered land 80²⁰ cho

From the cor. of Secs.

2-3 34 and 35 on the S

bdy. of the Sp. which is
a limestone 6x8x6 ins.

above ground

previously set marked
and witnessed by me

I run

N 0° 1' W bet. Secs 34 and 35

00. + Over broken land
through heavy timber
- 00.10 Ravine course S. W.
- 23.00 Descend
- 32.06 Pine 24 ins. diam. on line I
mark with 2 notches on N & S sides
- 34.20 Ravine and Road course N.
Ascend
- 40.00 Set a limestone 18 x 8 x 6 ins.
12 ins. in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on N face
Form which
- A Pine 20 ins. in diam
bears S 68 $\frac{1}{4}$ E 120 lbs dist
marked $\frac{1}{4}$ S 35 B.T.
- A Pine 24 ins. in diam.
bears S 76 $\frac{1}{2}$ W 107 lbs dist.
marked $\frac{1}{4}$ S. 34 B.T.
- 43.00 Ridge beam E and W
- 51.00 Descend
- 56.70 Gulch course S. W.

12

Ascent

61.50

Top of Ascent

80.00

Set of limestone $20 \times 8 \times 6$ ins.
 15 ins. in the ground for cor.
 of Sects. 26-27-34 and 35-
 marked with 1 notch on S.
 and 2 notches on E. edges.
 From which

A Cedar 20 ins. in diam.

bears N $19\frac{3}{4}^{\circ}$ E 50 lks, dist.

marked T 31 N. R. 2 E. S 26 B.T.

A Pine 12 ins. in diam.

bears S 14° E 35 lks, dist.

marked T 31 N. R. 2 E. S 35 B.T.

A Pine 12 ins. in diam.

bears S $49\frac{1}{4}^{\circ}$ W 46 lks, dist.

marked T 31 N. R. 2 E. S 34 B.T.

A Pine 14 ins. in diam.

bears N $44\frac{1}{2}^{\circ}$ W 19 lks, dist.

marked T 31 N. R. 2 E. S 27 B.T.

Land broken

Soil 3^d and 4th rate
 Timber Pine and Cedar
 Heavily timbered land 80⁺ lbs

S 89°53'E on a random
 line but Secs. 26 and 35

40.00 Set temp. 1/4 Sec. cor.

80.71 Intersect N and S line 23 L,
 S of the cor. of Secs 25-26
 35 and 36

Thence I run

S 89°57' W on a true line
 but Secs 26 and 35

through heavy timber

Descend

4.25 Ravine Course N. E.

ascend

8-50 Top of Ridge bears N 60° W

49 1/2 ft limestone 20x8x6 ins.

14

15 ins. in the ground for $\frac{1}{4}$
Sec. cor. Marked $\frac{1}{4}$ on N face
from which.

A Cedar 8 ins. in diam
bears S $23\frac{3}{4}^{\circ}$ E 19 lks. dist.
marked $\frac{1}{4}$ S 35 B.T.

A Pine 10 ins. in diam.
bears. N 78° W 30 lks. dist.
Marked $\frac{1}{4}$ S 26 B.T.

80 21 The cor. of Secs. 26-27-34
and 35

Land rolling
Soil 3^d rate

Timber Pine and cedar
Heavily timbered land 80.2 lks
December 6th 1900

N 0° /' N bet Secs 26-27
through heavy timber

40.00 set limestone $3\frac{1}{4} \times 10 \times 3$ ins.
18 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W face
from which

A Pine 36 ins in diam
bears $N 79^\circ E$ 65 lks. dist
marked $\frac{1}{4} S 26$ B.T.

A Pine 24 ins. in diam
bears $N 55^\circ W$ 8 lks. dist.
marked $\frac{1}{4} S 27$ B.T.

56-45 Grand Canyon and Santa Fe
Survey line br $N E$ and $S, N,$

60-00 Gulch course N -

60-24 Road br $N, E.$ and $S, N,$

80.00 set Sand stone $18 \times 16 \times 4$ ins.
12 ins. in the ground for
cor. of lines 72-73-26 and 27
marked with 2 notches
on the S and E edges
from which

16

A Pine 12 ins. in diam.
 bears N 75° E 40 lks. dist.
 marked T 31 N R 2 E S 23 B.T.

A Pine 14 ins. in diam.
 bears S $61\frac{3}{4}^{\circ}$ E 46 lks. dist.
 marked T 31 N R 2 E S 26 B.T.

A Pine 16 ins. in diam.
 bears S 50° W 37 lks. dist.
 marked T 31 N R 2 E S 27 B.T.

A Pine 10 ins. in diam.
 bears N $49\frac{1}{2}^{\circ}$ W 14 lks. dist.
 marked T 31 N R 2 E S 27 B.T.

Land selling
 Sec 3^d and 4th rate
 Timber Pine and Cedar
 Heavily timbered land 80° chs

N $89^{\circ} 57' E$ on a random
 line but Secs 23 and 26

4000 Set temp 4 Sec cor

8020 Intersect N. and S. line 18 L.
N of the cor. of Secs 23-24
25 and 26

Thence I run

N $89^{\circ}55'$ W on a true line
bet. Secs. 23 and 26

through heavy timber

HQ. 10 Set a limestone $24 \times 12 \times 4$ ins.,
18 ins in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on N. face
From which

A Pine 10 ins. in diam.,
bears N 54° E $\frac{1}{4}$ lks. dist.
marked $\frac{1}{4}$ S 23 B.T.

A Pine 10 ins. in diam.,
bears S 58° E $\frac{1}{6}$ lks. dist.
marked $\frac{1}{4}$ S 26 B.T.

6384 Grand Cañon and Santa Fe
Railroad Survey line

6469 Road bears N 64° E $\frac{1}{4}$ S W

8020 The cor. of Secs, 22-23,
26 and 27

Sand reeling

Soil 4th rate

Timber Pine and Cedar

Heavily timbered land 80²⁰ 20

December 7th 1900

From the cor. of secs,
3-4-33 and 34 on the S
bdy. of the Tp. which is
a Sand stone 10x12x6 ins.
above ground previously
set marked and witnessed
by me.

I run

N 0° 2' W bet Secs 33, 34
through heavy timber

1500 Descend

18 60 Gulch Course S. W.

40-00 Set a Sandstone $20 \times 12 \times 8$ ins.
15 ins. in the Ground for '4
Sec. cor. Marked '4 on N face
From which

A Pine 8 ins. in diam.
bears N 79° E 77 Lbs. dist.
marked '4 S 34 B.T.

A Pine 12 ins in diam
bears N $3\frac{1}{4}$ W 38 lbs dist
marked '4 S 33 B.T.

57.07 Grand Cañon and Santa Fe
Railroad Survey line
bears N.E. and S.W

60.75 Road bears E and W

61.35 Road bears N.E. and S.W.

80.00 Set a limestone $24 \times 12 \times 6$ ins.
18 ins. in the ground for cor.
of Secs 27 28 33 and 34
marked with 1 notch on
S and 3 notches on E edges

From which

A Pine 8 ins. in diam.
bears N $48\frac{1}{4}^{\circ}$ E 30 lks. dist.
Marked T. 31 N. - R. 2 E. S. 27 B.T.

A Pine 10 ins. in diam.
bears S 20° E 44 lks. dist.
Marked T. 31 N. - R. 2 E. S. 34 B.T.

A Cedar 12 ins. in diam.
bears S 64° N. 22 lks. dist.
Marked T. 31 N. - R. 2 E. S. 33 B.T.

A Cedar 10 ins. in diam.
bears N $33\frac{1}{2}^{\circ}$ W 39 lks. dist.
Marked T. 31 N. - R. 2 E. S. 28 B.T.

Land rolling

Soil 4th rate

Timber Pine and Cedar
Heavily timbered land 80⁰⁰ lks.

S $89^{\circ}53'E$ on a random
line bet. Sec 27 and 34.

4000 set temp $\frac{1}{4}$ Sec. cor.

80.34 Intersect N. and S line 10 L.
No. of the cor of Secs 26 27
34 and 35 -

Thence I run

N $89^{\circ}49'W$ on a true line
bet. Secs. 27 and 34

40.17 Set a limestone $20 \times 12 \times 6$ ins.
15 ins. in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on
N face

From which

A Pine 24 ins. in diam.
bears S $8^{\circ}W$ 85 lks. dist.
marked $\frac{1}{4}$ S 34 B.T.

A Pine 10 ins. in diam.
bears N $83\frac{1}{2}^{\circ}W$ 66 lks dist
marked $\frac{1}{4}$ S 27 B.T.

22

56.35 - Ravine Course S. W.

58.70 Road bears N. E. and S. W.

58.85 Grand Canyon and Santa Fe
Railroad Survey line
bears N. E. and S. W.

80.34 The cor. of Secs. 27, 28, 33 and 34
Sand rolling
Soil 4th rate

Timber Pine and Cedar
Heavily timbered land 80.34th Sec.

N 0° 2' W bet Secs 27 and 28
Over rolling land
Through heavy timber

30.88 A Pine 30 ins. diam on line
Mark with 2 notches on N and S sides

40.00 Set a limestone 22 x 10 x 6 ins.
16 ins in the ground for 1/4 Sec
cor. marked 1/4 on W. face
From which

A Pine 12 ins. in diam.
 bears N $62\frac{1}{4}^{\circ}$ E 133 lks. dist.
 marked Pine $\frac{1}{4}$ S 27 B.T.

A Pine 12 ins. in diam.
 bears S $85\frac{1}{2}^{\circ}$ W 76 lks. dist.
 marked $\frac{1}{4}$ S 28 B.T.

42.38 A Pine 2 ins. ^{in diam.} on line I mark with
 two notches on N and S sides

80.00 Set a Sandstone $18 \times 6 \times 4$ ins.
 12 ins. in the ground for the cor.
 of Secs. 21. 22. 27 and 28
 marked with 2 notches on S.
 and 3 notches on E. edges
 from which

A Pine 14 ins. in diam.
 bears N 24° E 77 lks. dist.
 marked T. 31 N.-R. 2 E. S 27 B.T.

A Pine 12 ins. in diam.
 bears S $50\frac{1}{2}^{\circ}$ E 7 lks. dist.
 marked T. 31 N.-R. 2 E. S 27 B.T.

24

A Pine 12 ins. in diam.
 bears S $70\frac{1}{4}^{\circ}$ W 14 lks, dist.
 marked T. 31 N. - R. 2 E. S. 28 B.T.

A Pine 8 ins. in diam.
 bears N 67° W $2\frac{1}{2}$ lks, dist.
 marked T. 31 N. - R. 2 E. S. 21 B.T.

Land rolling

Soil of the lots

Timber Pine and Cedar
 Heavily timbered land 80[±] chs.
December 8th 1900

S $89^{\circ}49'$ E on a random line
 bet. Secs. 22 and 27

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

80.04 Intersect N and S line of lks
 S. of the cor. of Secs 22, 23, 24 and 27
 thence I run

N $89^{\circ}51'$ W. on a true line
 bet. Secs. 22 and 27

Through heavy timber

- 18.00 Descend
- 23.00 Guleh course S.W.
- 29.00 Ascend
- 29.60 Top of Ridge bears n 2° and SW
- 36.00 Descend
- 39.50 Guleh course S.—
Ascend
- 40.02 Set a Sandstone $26 \times 5 \times 4$ ins.
20 ins in the ground for $\frac{1}{4}$ Sec. con.
marked $\frac{1}{4}$ on n face
from which
A Pine 16 ins. in diam.
bears n $35\frac{1}{2}^{\circ}$ E 72 lks. dist.
marked $\frac{1}{4}$ S 22 A.T.
- A Pine 16 ins. in diam.
bears S 13° E 23 lks. dist.
marked $\frac{1}{4}$ S 27 B.T.
- 45.00 Top of ascent.
- 80.04 The con. of Secs. 21, 22, 27 and 28
Land broken

26

Said 4th rate

Timber Pine and cedar

Heavily timbered land 80.1st obs

From the cor. of Secs.
4-5-32 and 33 on the S.
bdy. of the Tp. which is
a limestone 10x8x5 ins.

Above ground, previously
set, marked and witnessed
by me

I run

N 0° 2' W bet Secs 32 and 33

40.00 Set a sandstone 22x6x4 ins.
16 ins. in the ground for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on N. face
From which

A Cedar 14 ins. in diam.
bears S 50° 4' E 44 lks. dist
marked $\frac{1}{4}$ S 33 B.T.

A Pine 12 ins. in diam.,
 bears S 81° W 28 lks. dist.
 marked $\frac{1}{4}$ S 32 B.T.

53.00 Gulch course S.W.

80.00 Set a Sandstone $3\frac{1}{2} \times 10 \times 4$ ins.
 18 ins. in the ground for cor. of
 Secs. 28-29-32 and 33
 marked with 2 notches on S.
 and 4 notches on E edges.
 From which

A Pine 10 ins. in diam.,
 bears N 79° E 16 lks. dist.
 marked T 31 N - R 2 E. S 28 B.T.

A Pine 6 ins. in diam.,
 bears S 55½° E 14 lks. dist.
 marked T 31 N - R 2 E. S. 33. B.T.

A Cedar 12 ins. in diam.,
 bears S 78° W. 54 lks. dist.
 marked T 31 N - R 2 E. S 32 B.T.

A Pine 14 ins in diam.

28.

Bears N $31\frac{1}{4}$ W. 64 lks, dist, marked
T. J. N. R. 2 E. S. 29 B.T.

Land rolling

Soil 3^d rate

Timber Pine and Cedar

Heavily timbered land 80⁰⁰ chs.

S $89^{\circ}53'$ E on a random
line bet Secs 28 and 33

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

80.35 Intersect N. and S. line 2 lks. S
of the cor. of Secs. 27-28-33 and 34
thence I run

N. $89^{\circ}54'$ W. on a true line
bet. Secs. 28 and 33

through heavy timber

20.00 Gulch course S. E.

ascend

25.00 Top of first ridge

32.00 A Log cabin at
Raines Well the N. E.

cor. bears S 77° E 172 Lks, dist.

The N. E. cor. of a log
barn bears S 31° W 135 Lks, dist.

36.00 Road bears S E. and N. W
40, 17 1/2 ft a Sandstone 18 x 6 x 6 ins.

12 ins. in the ground for 1/4 sec.

cor. marked 1/4 on N. face

from which

A cedar 14 ins. in diam,
bears S 55° W 8 Lks. dist.

marked 1/4 S 33 B.T.

A Pine 8 ins. in diam.

bears N 66° W 33 Lks. dist.

marked 1/4 S 28 B.T.

80.35 The cor of Secs 28, 29, 32 and 33
Sand rolling

Soil 3 L rate

Timber Pine and Cedar

Heavily timbered land 80 3/5 Lks.

N $0^{\circ}3'$ W. bet. Secs. 28 and 29
Through heavy timber

5.84 A Cedar 16 ^{in. diam.} ins. on line I mark
with 2 notches on N and S sides

21-12 Road bears E and W

38.67 Cedar 16 ins. in diam. on line I
mark with 2 notches on N and S sides

40.00 Set a limestone 16x16x16 ins.
11 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on W. face

From which

A Pine 10 ins. in diam.
bears N $34\frac{1}{2}^{\circ}$ E 16 lbs. dist.
marked $\frac{1}{4}$ S 28 B.T.

A Pine 10 ins. in diam.
bears N $59\frac{1}{2}^{\circ}$ W 36 lbs. dist.
marked $\frac{1}{4}$ S 29 B.T.

44.71 A Cedar 12 ins in diam on line
I mark with 2 notches on N and S
sides

54.00 Gulch course W.-

80.00 Set a limestone $22 \times 6 \times 6$ ins.

16 ins. in the ground for the
cor. of Secs. 20-21-28 and 29
marked with 2 notches on S
and 4 notches on E edges
from which

A Cedar 18 ins. in diam.
bears N $13\frac{3}{4}^{\circ}$ E 43 lks. dist.
marked T. 31 N. R. 2 E. S 21 B.T.

A Pine 8 ins. in diam.
bears S $39\frac{1}{2}^{\circ}$ E 19 lks. dist.
marked T. 31 N. R. 2 E. S 25 B.T.

A Cedar 10 ins. in diam.
bears S. 58° W. 15 lks. dist
marked T. 31 N. R. 2 E. S 29 B.T.

A Cedar 8 ins in diam.
bears N. 49° W. 11 lks dist.
marked T. 31 N. - R 7 E S 20 B.T.
Land Broken

32

Sail & rate

Timber Pine and Cedar
Heavily timbered land 80⁰⁰ chsDecember 9th 1900S 89° 54' E on a random
line bet. Secs 21 and 2840.00 Set temp. $\frac{1}{4}$ Sec, cor.80.40 Intersect N and S line 2 lks. N
of the cor. of Secs. 21-22-27 and 28
Thence RunN 89° 53' W on a true line bet
Secs 21 and 28

Through heavy timber

40.20 Set a limestone 16 x 6 x 6 ins
11 ins in the ground for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on N face
from whichA Pine 10 ins. in diam.
bears S 36 $\frac{3}{4}$ W 16 lks. dist.

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33

Marked $\frac{1}{4}$ S 28 B.T.

A Pine 4 ins. in diam.,
bears N 65 $\frac{1}{2}$ W 2 lks dist,

marked $\frac{1}{4}$ S 21 B.T.

68.90 Road bears N.E. and S.W.

80.40 The cor. of secs. 20-21-28
and 29.

Land rolling
Soil of $\frac{1}{2}$ rate

Timber Pine and cedar

Heavily timbered land 80 $\frac{40}{100}$ chs

X

From the cor. of secs.
5-6-31 and 32 on the S.
bdy. of the sp. which is
a limestone 6x14x⁴ ins above
ground previously set
marked and witnessed by
me

I run

- N 0° 3' W bet Secs 31 and 32
 6.31 A Cedar 14 ins. in diam on line
 I mark with 2 notches on N and S
 sides
- 40.00 Set a Sandstone 22 x 6 x 6 ins.
 16 ins. in the ground for $\frac{1}{4}$ Sec.
 cor. marked $\frac{1}{4}$ on N face,
 from which
 A Pine 8 ins. in diam.
 bears N 74° E 23 lks, dist.
 marked $\frac{1}{4}$ S 32 B.T.
- A Pine 5 ins. in diam.
 bears S 82° W 30 lks, dist.
 marked $\frac{1}{4}$ S 31 B.T.
- 80.00 Set a limestone 22 x 2 x 4 ins.
 18 ins. in the ground for cor of Secs
 29-30-31 and 32
 marked with 1 notch on S,
 and 5 notches on E edges
 from which

A Pine 6 ins. in diam.
 bears N 82° E 14 lks. dist.
 marked T 31 N. - R. 2 E. S 29 B.T.

A Pine 12 ins. in diam.
 bears S 48° E 41 lks. dist.
 marked T 31 N R 2 E S 32 B.T.

A Pine 6 ins. in diam.
 bears S $25\frac{3}{4}$ W 9 lks. dist
 marked T 31 N. - R 2 E. S 31 B.T.

A Pine 8 ins. in diam.
 bears N $51\frac{1}{4}$ W. 20 lks. dist.
 marked T. 31 N, R. 2 E, S 30 B.T.

Land rolling

Sail 3 L rate

Timber Pine and cedar
 Heavily timbered land 80'' chs

S $89^{\circ} 53'$ E on a random
 line bet Sec 29 and 32
 Set temp $\frac{1}{4}$ Sec cor.

36

90.36 Intersect N and S line 8¹/₂ kts
S. of cor of Secs 28-29-32 and 33
Thence I run

N 89°56' W on a true line
bet. Secs. 29 and 32

Through heavy timber

40.18 Set line stone 18 x 6 x 11 ins
12 ins in the ground for ¹/₄ sec
cor. marked ¹/₄ on N. face
from which

A Pine 10 ins, in diam,
bears N 79° E 24 kts dist
marked ¹/₄ S 29 B.T.

A Pine 10 ins, in diam,
bears S 77½° E 18 kts. dist,
marked ¹/₄ S 32 B.T.

80.36 The cor of Secs 29-30-31 and 32
Land rolling
Soil of the rate
Growth Pine and cedar

Heavily timbered land 80³⁶ chs
December 10th 1900

N. 89° 53' N. on a random
line bet. secs. 30 and 31

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

79.75 Intersect W. bdy of Sp.
27 lks N of the cor of secs
25-30 31 and 36

which is a sandstone
6x6x4 ins. above ground
previously set marked and
witnessed by me
Thence I run

N 89° 56' E on a true line
bet. secs 30 and 31

Through heavy timber

31.00 Descend

39.75 Bottom of canon course N.W.
Set a limestone 22x8x6 ins

16 ins in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on n face
from which

A Pine 12 ins. in diam.
bears $N 4^{\circ} E$ 60 lks. dist.
marked $\frac{1}{4} S 30 B, T.$

A Pine 36 ins. in diam.
bears $S 66^{\circ} E$ $\frac{3}{4}$ lks. dist.
marked $\frac{1}{4} S 31 B, T.$

40.75 Road bears $S E.$ and $N, W.$
ascend

52.00 Top of bank

55.50 Descend

67.00 Canon course $S, N.$ and
Road bears $N, E.$ and $S, W.$
ascend

106.00 Top of bank

79.75 The cor. of Secs 29-30-31-32
Land mountainous
Soil at the rate

Timber Pine and Cedar
Heavily timbered land 79 E 1 chs

N 0° 3' W. bet Secs 29 and 30
Through heavy timber

8.00 Descend

10.50 Bottom of Canon cross S. W.
Road bears N. E. and S. W.

39.00 Descend

40.00 Set a limestone 24 x 14 x 4 ins,
18 ins in the ground for 1/4
cor. marked 1/4 on N. face
From which

A Pine 14 ins. in diam.,
bears N 79° E 36 lks. dist
marked 1/4 S 29 B.T.

A Cedar 17 ins. in diam.,
bears S 88° W 14 lks. dist.
marked 1/4 S 30 B.T.

49.00 Descend very abruptly
into deep Side Gulch

running N N into
Grand Cañon

60.00 Bottom of Gulch
Ascend

73.00 Top of bank

80.00 Set 6 lines stone 16x12x8 ins
11 ins in the ground for cor.
of Secs 19-20-29 and 30
marked with 2 notches on
S. and 5 notches on E edges
From which

A Pine 5 ins, in diam,
bears N 85 $\frac{1}{4}$ E 75 lks, dist.
marked T 31 N - R 2 E S 70 B.T.

A Cedar 10 ins, in diam,
bears S 40 $\frac{1}{2}$ E 40 lks, dist.
marked T 31 N - R 2 E S 79 - B.T.

A Pine 14 ins, in diam
bears S 17 $\frac{1}{2}$ W 7 lks, dist.
marked T 31 N - R 2 E S 30 B.T.

A Pine 8 ins. in diam
 bears $N 56^{\circ} W$ 6 lks, dist.
 marked T. 31 N. B. 2 E. S 19 B.T.
 Sand mountains
 Soil 4th rate
 Timber Pine and Cedar
 Heavily timbered land 80° lks.

S $89^{\circ} 56'$ E on a random
 line but sec 20 and 29

40.00 Sit temp $\frac{1}{4}$ cor.

80.32 Intersect N and S line
 at the cor of Secs 20-21-28
 and 29

Thence I run

N $89^{\circ} 56'$ W on a true line
 but. Secs 20 and 29

Through heavy timber

20.00 Descend

32.00 Rean on course S, W,

42

Ascend

38.00 Top of bank

40.16 Set a ^{limestone} $24 \times 12 \times 10$ pins,18 ins in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on N face
from which- A Pin 8 ins. in diam
bears $S 47^{\circ} E$ 1 mi dist
marked $\frac{1}{4} S 29 B.T.$ A Pin 6 ins in diam
bears $N 7\frac{1}{4}^{\circ} W$ 37 lks. dist,
marked $\frac{1}{4} S 20 B.T.$

43.00 Descend

47.50 Canon 200 ft deep
course S. W.

Ascend

57.00 Top of bank

80.37 The cor of secs 19-20-
29 and 30.

Land broken

Soil 4th rate
 Timber Pine and Cedar
 heavily timbered land 80³²chs,
 December 11th 1900

Note - From the
 cor. of Secs 19-20-29-30
 West it is only 4⁰chs
 to the rim of the
 Grand Canon and it
 is impossible to
 run the line between
 Secs. 19 and 30
 mountains land 4 chs.

General Description
 This fractional
 township contains
 some very good pine
 timber

There is water at

44

Rowes Mill on Sec
33.

The Bright Angel
Hotel which will be
the terminus of the
Grand Canyon and
Santa Fe Railroad
is near the center
of Sec. 33

Mean. mag. decl. is $14^{\circ}44'E$.

Francis B. Jacobs

U.S. Deputy Surveyor

December 24th 1900

Approval

BOOK 608

OFFICE OF UNITED STATES SURVEYOR GENERAL,

TUCSON, ARIZONA, *Mar. 1st* 1901. ⁴⁵

The foregoing field notes of the sur-

vey of *The Subdivisions of*

Fractional T31 N. R. 2 E.

Gila and Salt River Meridian,

executed by *Francis B. Jacobs.*

under his contract No. *73*, dated *6/13/1900.*

having ~~examined~~ been critically examined,

and the necessary corrections and expla-

nations made, the said field notes, and

the surveys they describe, are hereby ap-

proved.

George Christ

U. S. Surveyor General for Arizona.