

SUBDIVISIONS

BOOK 972

T. 20 S.

R. 7 E.

F. B. Jacoby D. S.

972

No. 972

BOOK 972

4-671

FIELD NOTES
GENERAL LAND OFFICE.

No. 972

Field Notes
of the survey of the
Subdivisional lines
of
Township No 20 South,
Range No 7 East
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 81
dated May 22^d 1901
Survey commenced March 19 1902
Survey completed March 18 1902

Subdivisions T20 S. R7 E

Survey commenced March 12th 1902. and executed with a Gurley Sight mountain transit with a ~~Burt~~ Solar attachment.

The horizontal limb is provided with two double verniers reading to single minutes of arc. which is also the least count of the verniers of the latitude and declination arcs.

The Instrument was examined tested on the true meridian a Truason found correct and was approved by the Surveyor General for Arizona November 12th 1901.-

4

Subdivisions T 20 S. - R 7 E

At my camp on the N. E.
 1/4 of Sec. 27. S. 20 S. R 7 E;
 Latitude $31^{\circ} 40' N.$, longitude
 $111^{\circ} 36' 50'' W.$; I set off $31^{\circ} N.$ on
 the lat. arc: $3^{\circ} 22' S.$ on the
 decl. arc, and at 4th P. M.
 l. m. t., determine with the
 Solar a true meridian
 and mark a point there off, on
 a stone firmly set in the
 ground 5 chs. N. of my
 transit point.

At 8th P. M. l. m. t. I
 observe Polaris at Western
 elongation, in accordance
 with manual of Instructions
 and mark a point in the line
 thus determined on a plug
 driven in the ground 5 chs.
 N. of my station. ^{March 12, 1902}

Subdivisions 1905. - R7E

5

March 13. at 7^h l. mt.,

I set off the azimuth of Polaris,
 126° to the east and marked the
 true meridian. This
 determined by cutting a small
 groove in the Stone set March 12. on which
 the true meridian ^{falls} 0.5 ins. N. of the
 mark determined by the Solar.

at 7^h 10^m a.m. l. mt. I set off $31^{\circ}40'$
 on the lat. arc, $3^{\circ}6'$ South decl. arc
 and mark a point in the true meridian determined
 by the Solar, by a cross on the stone already set
 5 chs. N. of my station, this mark falls 0.2
 N. of the true meridian established by Polaris
 observation. - The Solar operates by

a.m. and p.m. observations defines positions
 for true meridians, respectively about $0^{\circ}26'$
 and $0^{\circ}11'$ N. of the meridian established by the Polaris
 observation. therefore I conclude that the adjustments
 of the instrument are satisfactory & the true meridian
 The magnetic bearing of the true meridian
 at 7^h 30^m a.m. is $N 12^{\circ}55'$ the angle here
 determined reduced by the table page 100
 gives the mean mag. decl. $12^{\circ}52'$ E. -

Subdivisions T 20 S. R 7 E

March 13th 1902

At the cor. of Secs. 35 and
36 on the S bdy. of the Tp.
at 1 o'clock P.M. 1. m.t.
I lay off $31^{\circ}39'$ on the lat.
arc. and $3^{\circ}2'$ S. on the
decl. arc. and determine
a true line with the solar
and run thence

$10^{\circ}1' N.$ bet. Secs 35 and 36

- .84 Wire fence (Sturges) bears
 $S 65^{\circ} E$ and 12 les' N.
- 11.50 Hook 10 lbs. wide course
 $S 65^{\circ} E$
- 13.00 Ascend
- 21.00 Ridge bears S. E. and N. W.
Descend
- 28.50 Hook 20 lbs. wide course S. E.
- 29.00 Ascend
- 35.75 Ridge bears S. E. and N. W.

Subdivisions T20S. R7E

7

Descend steep hill.

- 40.00 Set flat stone $24 \times 8 \times 6$ ins. 18 ins. in
the ground for $\frac{1}{4}$ Sec. cor.
Marked $\frac{1}{4}$ S. on N. face
Dig pits $24 \times 24 \times 12$ ins. N and
S and raise mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high N. of cor.
- 40.50 Bottom of hill
- 74.00 Wash for 5 Sec. wide course East
- 80.00 Set Granite stone $24 \times 12 \times 10$ ins. 18 ins.
in the ground for cor of Secs
25-26-35 and 36
Marked with 1 notch on S and
E. edges. - Dig pits
 $24 \times 24 \times 12$ ins. in each Sec. and
^{5 ft deep}
raise mound of stone earth 5 ft.
base 2 ft high N. of cor.
Land rolling and filling
at 2¢ rate. No timber
mountainous land 80.00 chs.

Subdivisions T 20 S. R 7 E

East on a random line bet.

Secs 25 and 36.

- 40.00 Set temp. $\frac{1}{4}$ Sec. cor.
 79.62 Intersect E. bdy. of the Sp.
 2 $\frac{1}{2}$ lks. E. of the cor. of Secs.
 25-30-31 and 36.

Traverse run

S 89° 59' W. on a true line
 bet. Secs. 25 and 36

- 4.72 True line (Sturges) bears N and S.
 23.00 Descend

30.00 Eutin Hook course S. E.

38.00 Ascend

39. ~~62~~
 62 Set Granite Stone 20x12x8 ins. 15 ins.
 in the ground for $\frac{1}{4}$ Sec cor.

Marked $\frac{1}{4}$ S. on N. face

Dry pits 24x24x12 ins. E and
 W. of Stone 3 ft. dist. and
 raised mound of earth 4 ft
 base 1 $\frac{1}{2}$ ft. high N of cor.

Subdivisions T. 20 S. R. 7 E.

- 57.00 Ridge bears S. E. and N. W.
Descend gently
- 79.62 The cor. of Secs. 25, 26, 35 & 36
Land rolling
Soil 2^d rate
No timber
Maintainable land 79.62 ac.
-

N^o 1st N. bet. Secs. 25 and 26
Over rolling land

- 16.00 Descend
- 25.30 Gulch 20 ft. wide course E.
- 23.00 Granite ridge bears E. and W.
- 30... Ascend. -
- 40.. Set Granite Stone 24 x 10 x 8 ins. 18 ins.
in the ground for cor. of Secs.
cor. Marked 1/4 S on N. face
from which
A measuring 5 ins. in diam.
Lead S 33° E 233 ft. dist.

10.

Subdivisions of 20 S. R. 7 E.

marked 1/4 S. 25 B.T.

A Mesquite 12 ins. in diam.

bear S 60° W. 151 lks. dist.

marked 1/4 S. 26 B.T.

63.50 Ridge bears E. N. W.

64.00 Descend

64.83 Wire fence (Stungo) bears S 75° E
and N 75° W. Leave pasture

65.00 Road bears E. & N.

65.20 Gulch 15 lks. wide course E.

67.75 Road bears N. E. & S. W.

70.25 Gulch 50 lks. wide course S 70° E

71.00 Ascend

77.00 Ridge bears S. E. and N. W.

80.00 Set Porphyry Stone 24 x 12 x 6 ins.

18 ins. in length for cor. of

Secs. 23, 24, 25 and 26.

Marked with 2 notches on S and
1 notch on E edges. -

From which

A Mesquite 10 ins. in diam.

Subdivisions T 20 S. R 7 E 11

beam N 77° E 256 lbs. dist

Marked T. 20 S. - R 7 E. S 24. B. T.

A Mesquite 6 ins. in diam.

beam S 73 1/4° E 297 lbs. dist.

Marked T. 20 S. - R 7 E. S 25 B. T.

A Mesquite 8 ins. in diam.

beam S 1/4° N. 231 lbs. dist.

Marked T 20 S. - R 7 E. S 26. B. T.

A Mesquite 12 ins. in diam.

beam. N 3 1/4° W. 71 lbs. dist.

Marked T 20 S. - R 7 E S. 23 B. T.

Sand lily.

Sail 2° and 3° rate

Timber scattering mesquite

mountainous and heavily

timbered land 80.00 lbs.

March 13th 1902.

12 Subdivisions T 20 S - R 7 E

X N 89° 59' E on a random
line bet Secs 24 and 25

40.00 set temp 1/4 Sec. cor.

79.32 Intersect E. bdy of the T 20 S
3/4 Sec. N of the cor. of Secs 19-24-25
and 30

Note The length of this line
indicates an error in
the course of one of the
meridional lines and as
I am sure of my own
lines I infer that the
error is in the E. bdy.
I therefore go to the
standard cor. of T 20 S,
R 7 and 8 E and
retrace the E. bdy. The
notes of which will be
found in the book of
Exteriors

Subdivisions S 20 S. R 7 E

13

Since I run

West on a true line bet.

Secs. 24 and 25.

Over broken land

3.50 Descend

22.40 Gulch 30 ft. wide course S. E

Ascend

33.50 Ridge bears S. E. and N. W.

Descend

39.32 Set granite stone 24 x 10 x 5 ins. 18 ins.

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

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

dig pits 24 x 24 x 12 ins. E and W

of stone 3 ft. dist. and raise

mound of earth 4 ft. base

12 ft. high N. of cor. —

40.00 Moh 10 Sec. wide course S. E

Ascend

48.50 Ridge bears S. E. and N. W.

Descend

14. Subdivisions T20 S. R. 7 E.

64. 00 Bottom of ridge
 66. 15 Road bears N and S.
 67 45 Hook 30 Ls. wide course S. E
 69 - Ascend
 79. 30 The cor. of Secs. 23-24-25-26
 Land broken
 Soil 2^d and 3^d rate
 Timber scattering mesquite
 Mountainous land 79. 30 obs.
-

N. 0° - 1' N. bet. Secs. 23 and 24.
 Descend over
 broken land

8. 60 Gulch 30 Ls. wide course S. E.
 11 30 " 20 Ls. " " S 30° E
 Ascend
 23. 00 Ridge bears E. and N.
 Ascend
 31, 05 Gulch 40 Ls. wide course N. 60° E.

Subdivisions 1905-1976 15

Ascend

40.00 Porphyry ridge bears S E and N W
 Set a Porphyry stone 18x8x6 ins. 12
 ins. in the ground for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ S. on N. face
 and raise mound of stone
 3 1/2 ft base 2 ft high N. of cor.
 Pats impracticable

41.00 Descend

42.00 " Very steep bank

42.60 Bottom of "

45.00 Gulch 30 fms. wide course N 70° E

48.00 Ascend

54.10 Road bears N. 15° E. and S. 15° W.

57.00 Ridge bears E and W
 Descend

61.60 Gulch 40 fms wide course S 75° E

62.00 Bluff 20 ft high Ascend

69.00 Ridge bears S. E. and N. W
 Descend

16

Subdivisions T20S-R7E

77. 60 Gulch 20 fcs. wide course N.E.
Ascend

78. 00 Ridge bears E, and N.
Descend

79. 80 Gulch 15 fcs. wide course E.

80. 00 Set of Granite Stone 24x8x6 ins. 18 ins
in the ground for cor of Secs
13-14-23 and 24.

Marked with 3 notches on S.
and 1 notch on E edges
from which.

A Mesquite 18 ins. in diam.
bears N. 43° E 215 fcs. dist.
Marked T20S-R7E S13 B.T.

A Mesquite 10 ins. in diam.
bears N. 44° W. 311 fcs. dist.

Marked T20S-R7E S14 B.T.
and raise mound of stone
3 1/2 ft. base 2 ft high N of cor.
pits impracticable

Subdivisions 1905. - R7 E ¹⁷

Land broken and rocky
 Soil 3^d rate
 Timber Scattering Mesquite
 Mountainous land 80⁰⁰ lbs.

East on a random line
 bet. Secs 13 and 24 -

40.00 set Camp 1/4 Sec. cor

78.62 Intersect E. bdy. of the 1/4. at
 the cor. of Secs 13-18-19-24

Thence I run

West on a true line bet.
 Secs 13 and 24.

Over hilly land

1.50 Descend

7.25 Gulch 25 ft. wide course S. E

Ascend

14.60 Ridge bars S. E. and N. N.

Descend

18

Subdivisions 1905 - R 7 E

22. 15 Gulch 30 fcs. wide course S. 60° E.
Ascend
27. 50 Ridge bears S. E. and N. W.
Descent
32. 30 Gulch 20 fcs. wide course S. E.
Ascend
38. 62 At Granite Stone 18x10x6 ins. 12 ins.
in. the ground for $\frac{1}{4}$ Sec. cor
Marked $\frac{1}{4}$ S. on N face
and raise mound of stone $3\frac{1}{2}$
ft base $2\frac{1}{2}$ ft high N of cor.
Pits impracticable
48. 00 Ridge bears S. E. and N. W.
Descent ^{33 chs South} House & corral bears
58. 50 Bottom of descent
60. 00 Gulch 50 fcs. wide course S 30° E
76. 00 " 40 fcs. wide 30 ft deep.
course S. E.
78. 62 She. Cor. of secs 13-14-23. 7/4
Land broken

Subdivisions N. To S. - N. to E.

Soil 3 Lote

Timber Scattered mesquite

Mountainous land 78.62 chs.

N. O. 1. N. Sect. Secs. 13-14

Over Mountainous land

4.70 Gulch 3.5 Lts wide course S. E.

Ascend

7.50 Ridge 3 Lts S. E. and N. W.

Ascend

14.05 Gulch 2.5 Lts. wide course S. E

Ascend

21.20 Gulch 2 Lts. wide course E
Ascend East slope of mountain26.00 Top of ascent 150 ft below
summit on E slope.

Ascend

37.60 Gulch 4 Lts. wide course S. E. to E

38.00 Ascend

Subdivisions T70 S. R7 E

- 40... Set Porphyry stone $2\frac{1}{2} \times 12 \times 6$ ins. 18 ins.
in the ground for $\frac{1}{4}$ Sec. cor.
Marked $\frac{1}{4}$ S on W. face
From which
A mesquite 6 ins. in diam.
bears S $15\frac{1}{2}^{\circ}$ E 81 lbs. dist.
Marked $\frac{1}{4}$ S 13 BT
A mesquite 7 ins. in diam.
bears S $22\frac{3}{4}^{\circ}$ W. 44 lbs. dist.
Marked $\frac{1}{4}$ S 14 B.T.
- 46.40 Ridge bears S.E. and N.W.
Descend
- 54... Gulch 20 lbs wide course N.E.
60.70 " 30 " " " S 60° E
Ascend
- 60... Ridge bears west.
Descend
- 76.70 Gulch 15 lbs. wide course S 45° E
Ascend
- 80... Set slate stone $2\frac{1}{2} \times 10 \times 6$ ins. 18 ins.

Subdivisions T. 20 S. R. 7 E. 91

in the ground for cor. of lines
11-12-13 and 14

75 ft above gulch. -

Marked with 4 notches on S.
and 1 notch on E. edges

Dig pits 24 x 24 x 12 ins.
in each Sec. 5 1/2 ft dist
and raise a mound of earth
4 1/2 ft base 2 ft high
N. of cor.

Land mountainous
Soil rocky of the rate
Lumber Mesquite
Mountainous land So. chs

March 14th 1902

Subdivisions T₂S R 7 E.

- East on a random line bet.
Secs 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ Sec. cor
- 78.18 Intersect the E. body of the Sp.
18 Secs. S. of the cor. of secs
7-12-13 and 18.
- Thence I run
S $89^{\circ} 52'$ W on a true line
bet. Secs 12, and 13.
Over mountainous land
- 22.15 Gulch 25 Secs. wide course S 30° W
Ascend
- 28.00 Ridge beam S. E and N. W
Descend
- 33.60 Gulch 50 Secs. wide course S. E
Ascend high mountain
- 38.18 Set a Granite Stone $24 \times 12 \times 8$ ins. 18 ins.
in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ S. on N. face
and raise mound of stones

Subdivisions I To S. - R. 7 E. 73

- 3 1/2 ft base 2 ft high N of cor
Pts impracticable
- 48.00 Top of Ascent on N. slope of
butte 100 ft below summit
Descend
- 54.10 Gulch 50 ft. wide course S 30° E
Ascend
- 74.80 Ridge slopes S
Descend
- 77.40 Gulch 5 ft. wide course S.
Ascend
- 78.18 The cor. of Secs 11-12-13-14
Sand mountains
Soil rocky of ^{the} rate
Timber Scattering mesquite
mountainous land 78-18 cho
-

24

Subdivisions 1915. R & E

- N.D. 1st W. Lot. Secs. 11 and 12
 Overmountainous land
 Ascend
- 2.50 Ridge Bars E. and W.
 Descend
- 9.30 Gulch 20 Ls. wide course S 75° E.
 Ascend
- 12.20 Ridge Bars S. E. and N. W.
 Descend
- 13.75 Gulch 30 Ls. wide course S. E.
 Ascend
- 30.50 Ridge Bars E. and W.
 Descend
- 35.20 Gulch 50 Ls. wide course E
 Ascend
- 40 .. Set Granite Stone 70 x 16 x 12 ins. 15
 ins. in the ground for $\frac{1}{4}$ Sec. cor.
 marked $\frac{1}{4}$ S. on N. face
 and raise mound of stones
 3 ft base 2 ft high N. of cor.

Subdivisions J. 20 S. - R. 7 E. 25

- Its impracticable
- 49.50 Ridge, 150 ft above $\frac{1}{4}$ Sec. Cor.
Travers N.E. and S.W.
- 53.00 Descend
- 60.20 Gulch 15 fms. wide course N. 60° E
- 63.00 Descend
- 68.25 Gulch 40 fms. wide course S. E.
- 71.00 Ascend steep rocky mountain
- 75.50 Ridge slopes East
Descend
- 80.00 Set a Blue granite stone 30 x 18 x 8 ins.
20 ins. in the ground for cor. of
Secs 1, 2, 11, and 12
Marked with 5 notches on S and
1 notch on E edges
and raise mound of stones
3 $\frac{1}{2}$ ft base 2 $\frac{1}{2}$ ft high W of cor.
Its impracticable
This cor. is on E. slope of Barroquinosa
mountain 800 ft. above the valley

Subdivisions T. 20 S. - R. 7 E.

- N 89° 52' E on a random
line bet. Secs 1 and 12
- 40.00 Set temp. 1/4 Sec. cor
- 78.31 Intersect E. bdy. of 1/4 Sp.
5 Secs. S of the cor of Secs
1-6-7-12
Thence I run
- S 89° 50' W on a true line
bet. Secs 1 and 12
Over mountainous land,
Descend
- 18.10 Main Gulch at foot of mountain
75 Secs. wide course N 20° E.
5 chs. thence E around butte
15 chs. thence S. E
- 2 Ascend
- 28.50 Ridge from S. E. and N. W.
Descend
- 31.30 Gulch of 0 Secs. wide course S. E
Ascend

Subdivisions 1905. N7E 27

38. 31 set a Granite Stone 20x12x8 ins. 15 ins.
in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ S on N face
and raise a mound of stones
3 ft base 2 ft high N. of cor.
Pits impracticable
42. 00 Ridge from N.E. to N.
Ascend
- 45-50 Enter ^{Saw} Gulch 60 Sec wide corner N75°E
52. 25 Leave " " " " " N75°E
Ascend steep mountain
78. 31 To cor. of Secs. 1-2-11-12
Sand manulansus
Soil rocky of $\frac{1}{4}$ rate
Timber scattering Mesquite
Mountainous land 78. 31 chs

NOTE

knowing that this closing on the N side would
be without the limit and owing to the
extreme roughness of the land
over which the line passes I
run N 0' W on a true line. —

28

Subdivisions T 20 S. R. 7 E.
 on a true line

N 81° W. bet. Secs 1 and 2

Over mountainous land

Descend

12.5' Subdiv 2000 wide course E. 150

Sks. thence N. E.

Ascend

11.70 ^{100 ft} Slopes very steep N. E.

Descend

17.5' Wire fence (Steeple) bears 2, E. & S. W.

40.00 Set Porphyry stone 18 x 12 x 6 ins. 12 ins.

in the ground for 1/4 Sec. cor.

Marked 1/4 S on N face

From which

An Oak 12 ins. in diam.

Bears N 8 1/2° E 30 Sks. dist.

marked 1/4 S 1 B. T.

An Oak 8 ins. in diam.

Bears S 12 1/2° W. 18 Sks. dist.

marked 1/4 S. 2 B. T.

Subdivisions T. 30 S. R. 7 E.

- 60.00 Gulch at foot of mountain
 60.45. This course E.
- 67.50 Road to old abandoned
 Humboldt mine. bear E. and W.
 Ascend
- 71.25 Ridge bear E and W
 Descend
- 80.46 Intersect N. bdy of the Sp.
 207 S. E. of the cor. of Secs
 1. 2. 35-36
 where I set a Porphyry stone
 20 x 12 x 6 in. 15 in. in the
 ground for closing cor. of
 Secs. 1 and 2.
 Marked with 1 notch on E
 and 5 notches on W edges
 and C.C. on S face
 and raise mound of stone
 3 1/2 ft base 2 ft high S. of cor
 Pits impracticable

Subdivisions T. 20 S. R. 7 E.

Land Mountainous
Soil 4th and 3^d rate
Timber Oak and Mesquite
Mountainous land 8046.00
March 15th 1902.

Subdivisions T^o S. R. & E. 31

X From the S. cor. of Sec.
34 and 35 on the S. bdy. of
the Tp. which is a Granite
stone 8 x 8 x 6 in. above ground
marked and witnessed as
described by the Survey of
General. —

I run

N 0° 1' W. bet Sec. 34 and 35

Over hilly land

Ascend

1.90 Gulch 15 Ls. wide course E

Ascend

11. 30 Ridge bears E, and N.

Ascend

15. 00 Gulch 20 Ls. wide course S 60° E

Ascend

25-25 Ridge bears S, E, and N. W.

Ascend

37. 30 Gulch 50 Ls. wide course S 60° W

32

Subdivisions T 20 S, R, T E.

37.00 Ascend

40.00 Set Porphyry stone 20x12x8 ins, 15 ins
in the ground for $\frac{1}{4}$ Sec. cor
Marked $\frac{1}{4}$ S on W face
From which

A Mesquite 18 ins. in diam.
Bears S. $37\frac{1}{4}$ E 69 lbs. dist.
Marked $\frac{1}{4}$ S 35 B.T.

A Mesquite 10 ins. in diam.
Bears N $72\frac{3}{4}$ W. 77 lbs. dist.
Marked $\frac{1}{4}$ S. 34. B.T.

46.00 Ridge bears E and W
Descend

52.20 Gulch 20 lbs. wide course S, 60 E.
Ascend

55.30 Ridge bears E, and W.

59.00 Descend

65.50 Gulch 30 lbs. wide course S 75° E
Ascend

66.80 Road bears N 15° E and S 15° W.

Subdivisions T. 20 S. R. 7 E.

80.00 Set a Periphery Stone $27 \times 10 \times 8$ ins.
 18 ins. in the ground for corners
 26-27-34 and 35
 Marked with 1 notch on S and
 2 notches on E edges.

From which

A mesquite 10 ins. in diam.
 bears $N 80^{\frac{3}{4}} E$ 196 lbs. dist.
 Marked T 20 S. - R 7 E S 26 B.T.

A mesquite 12 ins. in diam.
 bears $S 3^{\circ} E$ 176 lbs. dist.
 Marked T 20 S. - R 7 E S 35 B.T.

no other trees within limits
 Dig pits in each Sec. $5 \frac{1}{2}$ ft.
 $18 \times 18 \times 12$ ins. -
 dist and raise mound front
 4 ft base. 2 ft high N. of cor.

Land Lilly

Soil 3^d date

Timber Scattering mesquite
 Mountainous land 80.00 chs.

Subdivisions T. 20 S. R. 7 E.

- East on a random line
bet. Secs 26 and 35
- 40.00 set temp 1/4 sec. cor.
- 80.08 Intersect N and S line 18 Sec. S
of the cor. of Secs 25-26-35-36
Thence I run
S 89° 52' N on a true line
bet. Secs. 26 and 35
- Over rolling land
- 37.95 Wire fence (Sturges) bears S 70° E
and N 20° N.
- Scave pasture. -
- 38.50 Road bears S 70° E and N 70° N
- 40.04 At Grand Store 18x12x10 ins. 1 1/2 ins. in
the ground for 1/4 sec. cor
marked 1/4 S on N. face
From which
A mesquite 18 ins. in diam.
bears S 17 1/4° E 16/100 dist
marked 1/4 S 35 - B.T.

Subdivisions T 20 S. R. 7 E.

A mesquite 18 ins. in diam.
Leaves. Also 1/4 N. 292 lbs. list
Marked 1/4 S 26. B.T.

58.00 Ascend

77.50 Ridge leaves S.E. and N.W.
Descend

79.40 Road leaves N and S.

80.08 The cor. of Secs. 26-27, 34-35
Saw rolling
Soil 2nd rate

Timber scattering mesquite
Mountainous land 80.08 chs.

N 1/4 = 1' N. Secs. 26 and 27
Over hilly land
Ascend

2.00 Ridge leaves S.E. and N.W.

11.00 Descend

24.15 Wood 20 lbs. wide course S.E.

Subdivisions T. 20 S. N. 7 E.

- 31.20 Mook 40 fms wide course S 60° E
- 33.00 Ascend
- 40.00 Set Granite Stone 18x12x8 ins. 12 ins in
the ground for $\frac{1}{4}$ Sec. cor.
Marked $\frac{1}{4}$ S. on N face
From which
A Mesquite 8 ins. in diam.
Bears N 41 $\frac{1}{2}$ ° E 26 fms. dist.
Marked $\frac{1}{4}$ S 26 B.T.
- A Mesquite 12 ins. in diam.
Bears S 80° W. 4 fms. dist.
Marked $\frac{1}{4}$ S. 27 B.T.
- 44.30 Ridge Bears E and W
Ascend
- 59.70 Gulch 60 fms. wide course S. E.
- 61.55 Corral Fence (Sturges) bears
S. E. and N. W.
Well 170 ft deep bears E. 50 fms.
into corral
- 62.70 Corral fence bears S E & N W

Subdivisions T. 20 S. R. 7 E. ³⁷

Leave corner

63.00 Gulch 20 ft wide corner S 30° E

63.20 Wire fence Sturgis beam
N 65° E and S 65° W

Enter pasture

80.00 Set a Porphyry stone 18 x 12 x 8 ins.
12 ins. in the ground for cor. of lines

22. 23-26 and 27

Marked with 2 notches on S
and E edges

From which

A Mesquite 12 ins. in diam.
beams N 80³/₄° E 193 lbs. dist.
Marked T 20 S. - R. 7 E S 23 B.T.A Mesquite 16 ins. in diam.
beams S 59¹/₂° E 107 lbs. dist.
Marked T 20 S. - R. 7 E S 26 B.T.A Mesquite 16 ins. in diam.
beams S 57¹/₄° W. 56 lbs. dist.
Marked T. 20 S. - R. 7 E. S 27 B.T.

BOOK 972
Subdivisions T 205. R. 7 E.

A Mesquite 10 ins. in diam.
Leans N 70° W 169 lbs. dist.
Marked T 205. - R 7 E S 22 B.T.

Sand hilly
Soil 2^d rate
Timber Mesquite
Mountaneous and timbered land
80.00 chs.

N 89° 52' E on a random
line bet Secs 23 and 26
40.00 set temp 1/4 Sec cor.
80.06 Intersect N and S line 15 lbs
N. of cor of secs 23, 24, 25-26
Thence I run
S 89° 58' N. on a true line
bet. Secs 23 and 26
Over rolling land through
mesquite timber

Subdivisions T. 20 S. R. 7 E.

Ascend

600 Ridge bears N and S

8 00 Descend

10 25 Enter wash 1 ch. wide course ~~S 60° E~~ West

22- 10 Leave " 1 ch. " " S. 60° E.

Ascend

40. 03 Set Porphyry stone 18x12x6 ins. 12 ins.
in the ground for $\frac{1}{4}$ Sec cor.
marked $\frac{1}{4}$ S on N face
from whichA Mosquito 8 ins. in diam.
bears S 60 $\frac{1}{2}$ ° E 196 fms. dist.
marked $\frac{1}{4}$ S 26 B.T.A Mosquito 6 ins. in diam.
bears N 70° W. 33 fms. dist.
marked $\frac{1}{4}$ S. 23 B.T.

43. 00 Ridge bears N.E. and S.W.

Descend

53. 00 Bottom of descent. and

Road bears S 70° E and N 70° W

40

BOOK 972

Subdivisions T. 20 S., R. 7 E.;

- 59.25 Road bars N and S. W
- 60.10 Wire fence (Sturges) bars N 10 E. and
S. 10° W. Enter pasture
Sturges' residence bars
N 5° chs.
- 62.05 Corral fence bars S. E. and N. W.
- 65.23 " " " N. E. and S. W.
- 77.75 Gulch 15 Ls wide course S. E.
- 75.35 Wire fence (Sturges) bars N and S.
- 80.06 The cor of Secs. 22. 23. 26-27
Land rolling
Soil 3^d rot
Timber Mesquite
Heavily timbered land 80.06 chs
March 16th 1902.

N 0:1' W bet. Secs. 22 and 23
Over hilly land

4.40 Gulch 15 Ls wide course S. E

Subdivisions No. 5 - R. J. Co.

6.20 Wire fence (Sturges) bears E. and W.
Leaves pasture

Ascend

17.00 Ridge bears E. and W. Sturges
next to his bears West - 27 chains

38.00 Descend

40.00 Set a Granite Stone 18x10x6 ins. 12 ins.

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

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

and raise mound of stones

3 $\frac{1}{2}$ ft base 2 ft high N. of cor.

Pts impracticable

cor. of Sturges post and fence

bears N.-E. 3 chs.

52.50 Gulch 40 Sec. wide course N 70° E

Ascend

60.00 Ridge bears E. and W.

Descend

71.85 Bluff 20 ft high descend

72.00 Gulch 30 Sec. wide course S. 60° E

Ascend

#2

BOOK 972

Subdivisions T20 S. R. 7 E.

- 72.50 Top of bank
- 74 .. Gulch 20 ft. wide corner S.E.
Ascend
- 80 .. Set a Granite Stone 20x10x8 ins. 15 ins
in the ground for Cor. of Secs.
14 - 15 - 22 and 23
Marked with 3 notches on S
and 2 notches on E edges
From which
a mesquite 5 ins. in diam
bore N 25³/₄° W 67 ft. dist.
Marked T20S. R7E S 15. B.T.
no other trees within limits
and raise mound of stone
3¹/₂ ft. base 2 ft high N. of cor.
Pits in opposite side
-
- N 9° 58' E. on a random
line bet Secs 14 and 23.
- 40 .. Set temp 1/4 Sec. cor.

Subdivision I 20 S. R 7. E #3

- 80.18 Intersect N. and S. line 28 W. S
 of cor. of Secs 13-14-23-24
 Thence I run
 S 89.46° N. 1/2 Secs
 bet. Secs 14 and 23.
 Over mountainous land
- 25 Gulch 15 Secs. wide course S 75° E.
 Ascend
16. 15 Ridge bears S. E. and N. N.
 Descend
23. 65 Gulch 50 Secs. wide course S.
 Ascend
38. 00 Ridge bears S. E. and N. N.
 Descend
40. 09 Set a Granite Stone 24 x 12 x 6 ins. 18 ins.
 in the ground for 1/4 Sec. cor.
 marked 145 on N. face
 From which
 a mesquite 10 ins in diam
 bears S 53° N 176 W. dist.

44

BOOK 972

Subdivisions T. 20 S. R. 7 E.
marked 14 5 23 B.T.

An Ironwood 5 ins. in diam.
lean N 6 1/2 W. 95 lbs dist.
marked 14 5 14 B.T.

45.70 Gulch 20 lbs. wide course South
50.60 " 40 " " " S. E

Acacia

65.00 Ridge Grass S. E and N. W.

76. Orsant

80 08 The cor. of Secs. 14-16-22-23

Land mountainous

Soil of the rate

Timber scattering mesquite

Mountainous land 80 08 chs.

Subdivisions T. 20. S. R. 7. E.

45

March 17th. At 1 P.M. l.m.t. !
 Set off $31^{\circ}40'$ on the lat. arc,
 $1^{\circ}27' S$ on the decl. arc; and
 determine a true meridian
 with the Solar at the ^{point} Sect^y
 Secs. 33 and 34 (which is
 70 Srs. West of the Witness
 Cor.) on the S. bdy. of the Sp.,
 which W.C. is a
 stone ins above
 ground marked and witnessed
 as described by the Surveyor
 General
 NO. 2' N. but Secs 33 and 34
 Over Lilly land
 Ascend

14. 80 Gulch 30 Srs. wide course N.E.

18. 40 Ridge 20 Srs N.E. and S. W
 Descend

34. 10 Gulch 40 Srs. wide course E.

46

BOOK 972

Subdivisions T. 20 S. R. 7 E.

Ascend

40.00 - Set a Granite Stone $2\frac{1}{2} \times 12 \times 6$ ins. 18 ins.
in the ground for $\frac{1}{4}$ Sec. cor
marked $\frac{1}{4}$ S on W. face

Set a ⁷/₈ pipe $2\frac{1}{2} \times 2\frac{1}{2} \times 12$ ins. N and S of
stone 3 ft dist. and raise
mound of earth 4 ft base $1\frac{1}{2}$ ft
high W. of cor.

40.75 - Ridge bars E and W
Descend

54.00 - Gulch 45 lbs wide course N. & E.
Ascend

58.00 - Ridge bars E. and W.

60.00 - Descend

64.50 - Gulch 25 lbs. wide course E
Ascend

70.00 - Ridge bars E and W

74.00 - Descend

80.00 - Set Granite Stone $20 \times 18 \times 8$ ins. 18 ins.
in the ground for cor of Secs

Subdivisions T20S.-R.7E. ⁴⁷

27. 28. 33 and 34.
 Marked with 1 notch on S. and
 3 notches on E edges
 From which

A mesquite 6 ins. in diam.
 bears N6 1/4° E of 6 fms. dist.
 Marked T20S.-R7E S27 B.T.

A mesquite 6 ins. in diam.
 bears S 52° E 775 fms. dist
 marked T20S.-R7E S34 B.T.

A mesquite 12 ins. in diam.
 bears N 29° W. 115 fms. dist
 Marked T20S.-R7E S.28 B.T.

No other tree waken found
 and raise mound of stone
 3 ft base 2 ft high N of cor.

Pts unpracticable
 Sailed Broken
 Soil 3^d and 4th rate
 Insects - cattering Mesquitos

48

Subdivisions T. 20 S. R. 7 E.

Mountainous land 80.00 a/c.

East on a random line

bet Secs. 27 and 34.

40.00 Set temp 1/4 Sec. cor.

80.100 Intersect N and S line at
the cor. of Secs 26. 27. 34. 35
Then I runWest on a true line bet Secs
27 and 34.

Over broken land

Descend

15.90 Gulch 25 ft. wide course S. E

Ascend

22.50 Ridge bears N. E. and S. W.

Descend

37.00 Gulch 20 ft wide course S. 30° E

40.06 Set a Granite Stone 18x12x8 in 12 ins.
in the ground for 1/4 Sec. cor

Subdivisions T. 20 S. R. 7 E. ⁴⁹

Marked 145 on N. face
and raise mound of stone 3 1/2 ft
base 2 ft high N. of cor.

Rts. impracticable
on ridge slopes N. W.

Descend

46.85 Gulch 20 Ls. wide course S. -

Ascend

57.75 Ridge low N. W.

59.00 Descend

60.50 Gulch 1 ch. wide course S. E

Ascend

80.12 The cor. of Secs 27-28. 33-34

Land lilly

Said 3rd rate

Timber Scattering Mesquite

Mountainous land 80.12 chs

March 17th 1902.

50

Subdivisions 1905-R7 Co.

- N.D.: 2^{1/2} ft. bet Secs 27 and 28
 Over broken land
 Descend
 1.40 Gulch 20 Lvs wide course N 61° E
 Ascend
 5.50 Ridge Cross E and W
 Descend
 16.00 Gulch 1 ch. wide course S 75° E
 17.00 Ascend
 32.40 Thru rocky ridge cross E & W
 40.00 Set Granite Stone 24 x 12 x 8 ins. 18 ins in
 the ground for 1/4 Sec. cor
 marked 1/4 S on N. face
 From which
 A Mesquite 12 ins. in diam.
 Cross N 10 1/4 E. 172 Lvs. dist.
 Marked 1/4 S 27 B.T.
 Dig pits 18 x 18 x 12 N and S of
 stone 3 ft. dist. and raise
 mound of stone 3 1/2 ft base

Subdivisions I, 20 S., R. 7 E. ⁵¹

1 1/2 ft High W of cor.

52.70 Ridge from E and W
Discard

59.10 Gulch 50 fms wide course E.

60.00 Ascend

64.60 Ridge from E and W
Discard68.20 Gulch 20 fms. wide course S. E.
Ascend73.00 Ridge slopes S. E.
Discard77.60 Gulch 25 fms. wide, course S. E.
Ascend Steep Mountain80.00 Set Granite Stone 20 x 12 x 8 in., 15 in.,
in the ground for cor. of Secs.
21-22, 27 and 28.

and raise mound of stones

3 1/2 ft. base 2 1/2 ft. high W of cor.

Pits impracticable.

Land very broken

57

Subdivisions 1705-1717 E

Soil of 1/2 rate

Timber scattering Mesquite
Mountainous land 80,000 acs.

East on a random line

bet. Secs. 22 and 27

40.00

at temp 1/4 sec. cor.

80.10

Intersect Rand S line 22 Secs

S of cor. of Secs 22-23-26-27

Thence I run

S 89° 50' W on a true line

bet. Secs. 22 and 27

1

over Lilly land

11.75

Gulch 20 Secs. wide course S.E.

Asced

20.00

Ridge 20 Secs S E and N.W.

Disced

76.50

Gulch 25 Secs. wide course S.E.

Asced

Subdivision T. 20 S. R. 7 E.

- 33.80 Ridge beam N and S.
Descend
- 37.68 This fence (Sturges) beam N 70° E
and S 20° W
- 39.00 Gulch 30 Ls. wide course S. E.
- 40-05 Set Granite Stone 20 x 10 x 8 ins. 15 ins.
in the ground for 1/4 Sec. Cor
Marked 1/4 S on N face
From which
A mesquite 74 ins. in diam
beam N 16° E 11 lks dist,
Marked 1/4 S. 22 - B.T.
- X A mesquite 12 ins. in diam.
beam S 34° W. 83 lks. dist,
Marked 1/4 S 27 B.T.
- 41.80 Gulch 20 Ls. wide course S 60° E
Ascend
- 52-00 Top of Ascend on N Slope of Mountain
- 55.40 ^{Salage} Gulch 20 Ls. wide course N. E.
Ascend

57

Subdivisions T205. R. 7 E. 1

- | | |
|-------|--|
| 60.00 | White rock reef bear SE and NW,
Descend |
| 64- | Bottom of Descend
Ascend steep mountain |
| 73.00 | Top of mountain ridge bear SE & NW
Descend |
| 80.10 | The cor. of Secs. 21-22-27-28
Sand Mountains
Soil of ^{the} rate
Tumble Mesquite
Mountaneous land 9010 chs |
| <hr/> | |
| | N 0° 2' N. Sect. Secs. 21 and 22
Ascend mountain |
| 6.50 | Top of ascent on N. slope of mountain |
| 11.00 | Descend |
| 15.75 | Gulch 25 fms wide course E.
Ascend |
| 22.00 | Ridge bear E and N
Descend |

Subdivisions J 20 S. - R 7 E 55

49. 20 Gulch 30 fms wide course S. 60° E
Ascend
40. 00 Set Granite Stone 20 x 10 x 8 ins. 15 ins. in
the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ S on N. face, from which
An Oak 18 ins. in diam.
Bears N 79 $\frac{1}{4}$ ° E 135 fms. dist.
marked $\frac{1}{4}$ S 22 B.T.
- A Mesquite 10 ins. in diam
Bears N 26 $\frac{1}{2}$ ° W 95 fms. dist.
marked $\frac{1}{4}$ S. 21. B.T.
48. 00 Ridge Bears E and W
53. 00 Descend
61. 40 Gulch 50 fms. wide course E.
62. 70 Ascend
64. 00 Ridge Bears S, E, and N.W.
Descend
68. 45 Gulch 35 fms. wide course S. E
Ascend
- 75-80 Gulch 20 fms. wide course S E

56

Subdivisions 220 S. - R. T. Co.

80.00 a Granite Stone in place 18 X 14 X 12
ins above ground

I mark 3 notches on S and E,
for cor. of Secs 15-16-21 and 22
edges, and 20 S. on E face
of E on S. face. and raise
mound of stone 3 1/2 ft. base
2 1/2 ft. high South of stone
There is a steep bank and gully
west of stone so that mound
could not be built in the
proper place

Pits impracticably
Sand Mountainous
Soil of 2nd rate

Timber Scattering Oak and Magnolia
Mountainous land 80.00 chs

N 89° 50' E. on a random line
bet. Secs 15 and 22.

40.00 set temp. 1/4 Sec. cor.

Subdivisions J. D. J. R. Co.

- 80.78 Intersect N. and S. line 36. Lrs. N of the
 cor. of lines 14-15-22 and 23.
 Thence I run
 N $89^{\circ} 54'$ W on a true light line
 15 and 22 lrs mountainous land
- .40 Gulch 20 Lrs. wide course S,
 Ascend
- 3.00 Ridge bears N. and S.
 Descend
- 5.05 Gulch 15 Lrs. wide course S 30° W
 Ascend
- 12.00 Ridge bears N. and S.
 19.50 Descend
- 29.50 Gulch 40 Lrs wide course S. E.
- 29.90 Enter mouth of Gulch ascend
- 34.25 Leave Gulch. bears S. W
- 37.80 Same " 10 Lrs wide course S. E
- 4 Ascend
- 40.14 Set a Granite Stone $18 \times 10 \times 5$ ins. 17 ins.
 in the ground for $\frac{1}{4}$ cor. Marked

Subdivisions T. 20 S. R. 7 E.

$\frac{1}{4}$ on N face. From which
an Oak 18 ins. in diam.

bears S $1\frac{1}{2}^{\circ}$ E 20 fms. dist.

Marked $\frac{1}{4}$ S 22 B.T.

An Oak 14 ins. in diam.

bears N $2\frac{3}{4}^{\circ}$ W 90 fms. dist.

Marked $\frac{1}{4}$ S. 15 B.T.

44.00 High ridge bears S, E, and N.W.

60.00 Descend

69.70 Gulch 50 fms. wide course S, E.

Ascend

79.70 Ridge bears N. slopes S.

Descend

80.78 Secor. of trees 15-16-21-22

Sand mammillous

Soil of F. rals

Similar Oak and Mesquite

Mammillous Sand 80.78 chs

March 18th 1902

Subdivisions T. 20. S. R. 7 E.

59.

General Description

The remaining unsurveyed portion of this Tp. is so very mountainous that it is impracticable to survey it. The Baboquivora range of mountains running through the Tp. from north to south.

The surveyed portion of the Tp. is mostly very rough and rocky with some rolling land in the S. E. corner.

There is no surface water on the Tp. -

There is mesquite timber throughout the Tp. and oak on the higher mountains.

There is good grass throughout the Tp. -

69

Subdivisions T. 70 S. R. 7 E.

The settlers on the Sp.
are W. S. Sturges on
Sec 23. he also has a well
and is digging another on
Sec 26. he also has a
masonry retaining wall for
water storage on Sec 27.

There are two houses, a
Mill- Reservoir, corrals
and fences on Sec. 1 now
also owned by Mr. Sturges
There is a Mexican

on Sec. 24. with residence
a Mill and corrals. -

The old abandoned Humboldt
mine is on Section 2. -

Francis B. Jacoby

U.S. Deputy Surveyor

A list of the names of the individuals employed
by Francis B. Jacobs

U S. Deputy Surveyor, to assist in ^{re} running, ^{re} measuring
and marking the lines and corners described in the forego-
ing Field Notes of the survey of the exterior...

of T 13 S - R 14 E
and T 20 S - R 8 E ^{2nd}

Exterior & Subdivisions of T. 1, S. R. 13 E., Sp. 12 S,
R. 14 E., Sp. 14 S, R. 20 E., Sp. 17 S, R. 23 E., Sp. 19 S,
R. 28 E., 1 Sp. 20 S, R. 7 E.,

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona, showing the respective capacities in which
they acted.

Harry R. Cluer Chairman.
Everett Boulden Chairman.
..... Chairman.

..... Chairman
James S. Henderson ~~Chairman~~ ^{Assistant} man
..... Axeman.
Jay Jacobs Flagman.



BOOK 972 Final Oath of Assistants.

62

We hereby certify that we assisted Francis Jacobs U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior of T 13 S - R 14 E and T 20 S R 8 E and exterior & subdivisions of Sp. 1 S, R. 13 E, Sp. 12 S, R. 14 E, Sp. 14 S, R. 20 E, Sp. 17 S, R. 23 E, Sp. 19 S, R. 28 E, & Sp. 20 S, R. 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Harry W. Chuer Chairman.
Everett L. Boulton Chairman.
Chainman.
Chainman.

James A. Hudson Azeman.
Azeman.

Jay Jacobs Flagman.

Sworn and subscribed before me, this 19th day of March 1902

Francis Jacobs Notary Public.

my Commission expires March 2^d 1904
[SEAL.]

Final Oath of U. S. Deputy Surveyor. 63

BOOK 972

I, Francis B. Jacobs,

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from George Christ

United States Surveyor General for Arizona, bearing date of the 23rd day of May 1901,

I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the exterior

of Tp. 13 S, R. 14 E, 7 Tp. 20 S, R. 8 E, & exterior & Subdivisions of Tp. 1 S, R. 13 E, Tp. 12 S, R. 14 E, Tp. 14 S, R. 20 E, Tp. 17 S, R. 23 E, Tp. 19 S, R. 28 E, & Tp. 20 S, R. 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will

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suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

Fancis Jacobs

U. S. Deputy Surveyor

6th

Sworn to and subscribed before me this.....

day of *December* 190*2*

Hugh H. Price

U. S. Surveyor General

BOOK 972

OFFICE OF THE U.S. SURVEYOR GENERAL.

Phoenix, Arizona.

Dec. 10-1902.

The foregoing field notes of the sur-

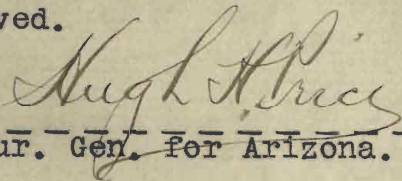
vey of Subdivisions ofSp. 20 South, Range 7 East,executed by A. B. Jacobs & S.under his contract No. 81 datedMay 23 1901, having critically

examined and the necessary corrections

and explanations made, the said field

notes, and the surveys they describe,

are hereby approved.



U.S. Sur. Gen. for Arizona.