

RESURVEY

1542

WEST BOUNDAR

Township N° 20 S. Range N° 8 E 1
and

NORTH BOUNDARY

Township N° 13 S. Range N° 14 E 33
and

NORTH BOUNDARY

Township N° 15 S. Range N° 20 E. 48
4-671

1542

FIELD NOTES
GENERAL LAND OFFICE.

BOOK 1542

BOOK 1542

Preliminary Oaths of Assistants.

We, *Harry R. Oliver*
and *Everett S. Boulden*
do solemnly swear that we will well and faithfully execute
the duties of Chain Carriers; that we will level the chain
upon even and uneven ground, and plumb the tally pins,
either by sticking or dropping the same; that we will report
the true distance to all notable objects, and the true lengths
of all lines that we assist in measuring, to the best of our
skill and ability, and in accordance with instructions given
us, in the survey of the

Resurvey of
the North boundary of
T 13 S - R 14 E Tabled the
West boundary of T 10 S
R. 8 E,

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona.

Harry R. Oliver Chainman.
Everett S. Boulden Chainman.

Chainman.

Chainman.

Sworn and subscribed before me, this *10th*
day of *December* 190*1*.

Francis Jacobs
Notary Public.

[SEAL]

my commission
expired March 2^d 1904

We, *James L Henderson*
and Jay Jacobs

do solemnly swear that we will well and truly perform the
duties of *Measurman and*
Flagman

BOOK 1542

in the establishment of corners and other duties, according
to instructions given us, and to the best of our skill and
ability, in the survey of the *Resurvey of*
the North boundary of
T 13 S - R 14 E and the West
boundary of T 20 S. R 8 E

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona.

Jay Jacobs Flagman.
James L Henderson Measurman

/ Axeman.
Axeman.

Subscribed and sworn to before me this *26th*
day of *December* 190*1*

Francis Jacobs
Notary Public.
my commission
Expires March 2^d 1904

1542

1B

BOOK 1542

Field notes
of the retracement of the

East boundary of

Township No 20 S.

Range No 7 E.

of the
Gila and Salt River
Base and Meridian

in the

Territory of Arizona

as surveyed by

Francis Jacobs

U.S. Deputy Surveyor

in connection with his contract No 81

Dated May 27th 1901

Survey commenced March 10th 1902

Survey completed March 11th 1902

2. Re Survey of the West boundary of

Names and duties of Assistants

Harry R. Elmer chairman

Everett S. Borden chairman

James S. Henderson Measurer

Joy Jacobs Flagman

BOOK 1542

INDEX.

36 | 31

1 8 6

12 10 7

13 12 18

24 13 19

25 15 30

36 5 31
17

T. 20 S.

R. 8 E.

Index for
T. 13 S.
R. 14 E.
on page 37

Keeney commenced march 11th
 1902 and executed with a
 Gurley light mountain transit,
 with Solar attachment,
 having adjusted the
 instrument on march
 I assume that its adjustments
 are still correct. -

at 8^h 00^m A. M. L. M. T.
 I set off $31^{\circ} 45'$ on the lat.
 arc; $3^{\circ} 54'$ on the
 decl. arc. and determine
 with the Solar a true
 Meridian at the
 Standard Cor. of Tps
 20 S. - Rs. 7 and 8 E.
 which is a Limestone $8 \times 10 \times 8$
 in above ground freely set
 and marked as described by
 the Surveyor General

4 Resurvey of the West boundary of

I unclamp the plates
of the instrument and turn
off 90° to the west and
the vertical wire in the telescope
receives a flag I had
previously set at the Standard
cor of Secs 35 and 34
which is plainly visible
from this cor -
which indicates that the
adjustments of the transit
are correct

T 20 S. - R 8 E

From the Standard
 cor. of Tps 20 S. Rs 7 and
 8 East. I run
 North bet. Secs 31 and 36
 over level land

39.97 the $\frac{1}{4}$ cor. bears 75 lks. N.

79.98 The cor. of Secs 25-30-31
 and 36 bears N. 50 lks.

Making the true bearing
 of the line bet. Secs
 31 and 36

N 0° 21' N.

This cor. is a post 5 in
 square 2 ft above ground
 firmly set, marked and
 witnessed as described
 by the Surveyor General
 Land level

Sail 2^d rate

No timber

6. Return of the West boundary of

from the cor. of secs

25-30-31 and 36

I run

North bet. secs 25 and 30

over rolling land

39.97 the $\frac{1}{4}$ sec. cor bears N. 76 Ws.

from the $\frac{1}{4}$ sec. cor. I run

North

49.94 the ~~Cor~~ of secs 19-24-25- and 30
bears N 12 Ws. - -

I continue the random
line north to the N body of the
Sp.

from the cor of secs 19-24-25-30
North bet secs 19- and 24

40.04 the $\frac{1}{4}$ sec. cor bears N. 43 Ws dist.

from the $\frac{1}{4}$ sec cor I run

North

80 05 the cor of secs 13-18-19 and 24
bears N. 6 Ws dist.

J. D. S. - R. & E.

BOOK 1542

7

From the cor of secs 13-18-19 and 24

I run

North bet secs 13 and 18

40-03 the $\frac{1}{4}$ sec. cor bears N. 62 lbs. dist.

From the $\frac{1}{4}$ sec. cor.

North

80-07 the cor of secs 7-12-13 and 18-

bears E 4 lbs. dist. -

From the cor of secs 7-12-13 and 18

I run

North bet secs 7 and 12

40 02 the $\frac{1}{4}$ sec cor bears, E. 40 lbs dist.

From the $\frac{1}{4}$ sec. cor

North

80-07 the cor of secs 1-6-7 and 12 bears

East, 37. lbs. dist.

From the cor of secs 1-6-7 and 12

I run

North bet secs 1 and 6

40-02 the $\frac{1}{4}$ sec. cor bears W 47 lbs. dist,

8 Resurvey of the West boundary of
from the 1/4 Sec cor I run
north

80.23 The Cor of Sp. 19 and 205. R. 7 and
8 E bears N 35 W dist.
March 11th 1902

From the cor. of Sp. 19 and 205
R. 7 and 8 E which is
a porphyry stone 10x10x8 ins.
above ground firmly set
and properly marked. with
no mound or bearing tree

I run the West bdy. of
Sp. 205. - R. 8 E. giving true
course of each 1/2 mile.

S 0° 30' E but bears 1 and 6
over broken land

17.00 Porphyry ridge bears S E. and NW

32 - - - - - Dred and Wing fence from to N. & S. E.
33.00 Road bears to and W

33.75 Gulch 1ch wide course E

34.50 Ascend

38.75 Ridge bears E. and W.
Descend

40.21 the $\frac{1}{4}$ sec. cor. a porphyry
stone 6x10x6 ins above ground
marked $\frac{1}{4}$ on N face with
mound of stone 3 ft base $1\frac{1}{2}$ ft
high N of cor. -

Hence

S 0° 40' E

69.70 Gulch 60 lbs. wide course E.
Ascend

80.23 the cor. of sec. 1-6-7 and 12
a Limestone 10x10x6 ins.
above ground firmly set
marked with 1 notch on N and
5⁺ notches on S edges
from which

A Mesquite 8 ins. in diam.
bears N 20° W. 178 lbs. dict,

10 Resurvey of the West boundary of

Marked T 205 - R 7 E S 1 B.T.

A mesquite 6 ins. in diam.
bears N $65\frac{1}{2}^{\circ}$ W 177 lns. dist.

Marked T 205 R 7 E S. 1 B.T.

No pits or mound of stone
Land brokenSoil 2^d and 3^d rateTimber Scattering mesquite
mountainous land 8073 ~~do~~S $0^{\circ}32'$ W. bet Sec 7 and 12

Over mountainous land

Ascend steep mountain

35.00 Top of ascent on E slope
of hill

Descend

40.00 The $\frac{1}{4}$ sec. cor. a granite stone
8x8x6 ins. above ground
Marked $\frac{1}{4}$ on N face with
a mound of stone 3 ft base

I. G. S. - N. S. E.

1 1/2 ft high W of cor.

Thence

S 0° 34' W

48.50 Gulch 50 yds. wide course E

50.00 Ascend

58- Ridge slopes E.

75-00 Descend steep hill

80.02 The cor of Sec 7-12-13 and 18

A granite stone 6 x 12 x 6 ins. above
ground squarely set, marked

with 2 notches on N and 4

notches on S. edges

with mound of stone 3 ft base

1 1/2 ft high W of cor

Land mountainous

Soil 4th rate

No timber

Mountainous land 80.02 chs

- 12 Resurvey of the West boundary of
 $S 0^{\circ} 3' W$ bet Secs 13 and 18
 over broken land
 Descend
- 3.00 Gulch 40 fts. wide course E
 Ascend
- 12.50 Ridge bears E and W
 Descend
- 17.75 Gulch 30 fts wide course E,
 Ascend
- 29.00 Ridge bears E, and W.
 Descend
- 40.04 The ^{1/4} cor^{er} of Granite stone $8 \times 12 \times 6$
 ins. above ground firmly
 set marked $1/4$ on W face
 with a mound of stone 3 ft. diam.
 $1 \frac{1}{2}$ ft high W. of cor.
 Thence
 $S. 0^{\circ} 53' E$
- 47.50 Gulch 40 fts. wide course E.
- 52.25 Ascend steep hill

T. 20 S. - R. 8 E.

65- Ridge bears S. E. and N. W.
Descend80.07 The cor. of Secs. 13-18-19 and 74
a granite 6 x 12 x 10 ins above
ground firmly set marked
with 3 notches on n and S
edges with a mound of
stone 3 ft base 1 1/2 ft high
W. of cor.
Land broken
Soil 4th rate
no timber
mountainous land 80.07 chs.

S. 0° 5' E. bet. Secs. 19 and 74
Over broken land
Descend22-58 Gulch H. S. S. with course E
Ascend

31-01 Ridge bears E and W

14 Resurvey of the West boundary of

Descend

4001 The $\frac{1}{4}$ Sec. cor a Granite Stone
 10 x 12 x 6 ins, above ground
 firmly set, marked $\frac{1}{4}$ on N face
 with a mound of stone ^{East of}
 W of cor.
 Thence

50° 37' E

5600 Gulch 50 Sts wide Course E

58-00 Ascend

64-57 Ridge beam E. and W.

Descend

80.05 The cor. of Secs. 19-24-25 and 30
 a Granite Stone 8 x 14 x 8 ins
 above ground firmly set
 marked with ~~4~~ notches on
 N and 2 notches on S edges
 with a mound of stone 3 ft.
 base $\frac{1}{2}$ ft. high W of cor
 Sand hidden

J. 20 S. - R. 8 E.

BOOK 1542

15-3

Seil 3^d and 4th rates

W timber

mountainous land 80, 05 chs

S 0.5' E lat. Sec. 25 and 30
over hilly land

Descend

16.50 Gulch 30 fts. wide course S 61° E

Ascend

26.00 Ridge bears E and W.

Descend

39.97 The 1/4 sec. cor a granite stone

8x12x10 ins above ground

firmly set, marked 1/4 on

W. face

From which

a mesquite 14 ins in diam

bears S 87° E 46 fts. dist.

Marked 1/4 S 30 - B.T.

A mesquite 16 ins in diam,

16 Resurvey of the West boundary

bears N 32° W 110 fts dist.

marked 1/4 S 25 B.T.

40.20 Gulch 50 fts wide course E.

42.50 Ascend

53.00 Top of hill bears E and W

79.94 The cor of secs 25-31 and 36

a post 5 ins square 2 ft.

above ground firmly set

marked T 205. S 30 on N.E.

R 8 E. S 31 on S. E

R 7 E. S 36 on S W and

S 25 on N.W. faces with

5 notches on N edge and

1 notch on S edge

Surrounded by mound of earth

Land hilly and level

Soil 2^d and 3^d rate

Timber Mesquite along gulches

mountainous land 79.94

J. To S. - R. S. E.

S⁰21'E bet. Secs. 31 and 36
over level land

40.01 1/4 sec. cor.

79.98 the cor of Tps. 20 S. R 7 and 8
E.March 14th 1902

pages 18 thru 30 are Blank

5 ft
 5
 was
 in Co.
 5th

pages 18 thru 30 are Blank

Field Notes
 of the resurvey of the
^{North}
~~South~~ boundary of
 T 13 S - R 14 E

of the
 Gila and Salt River
 Base and Meridian
 in the
 Territory of Arizona
 as resurveyed by
 Francis Jacobs
 U.S. Deputy Surveyor
 in connection with his contract no 81
 dated May 27th 1901

Survey commenced December 30, 1901
 Survey completed December 31, 1901

32 Resurvey of the North boundary of

Names and duties of
assistants

Harry R. Eilers chairman

Evert L. Beulder chairman

James L. Henderson Trustee

Jay Jacobs Flyman

BOOK 1542

INDEX

36	37	32	37	34	35
	35	38	40	44	
1	6	5	4	3	2

D. 13 S., R. 14 E.

J. 135. - R. 14 E.

Survey commenced
 December 30th 1901
 and executed with a
 Survey light mountain transit
 with Solar attachment
 having recently adjusted
 the instrument preparatory
 to running to W. bdy of Sp.
 12 S - R. 14 E. I assume its
 adjustments are still satis-
 factory. -

The post at cor. of Sp.
 12 and 13 S - R. 13 and 14
 is being badly decayed
 and the marks obliterated
 I destroy all trace of the
 Original cor. and re-
 establish it in the original
 position by

34

Resurvey of the North Boundary of
 Setting a Granite Stone $24 \times 10 \times 8$
 ins. 18 ins. in the ground
 for cor of Spes 17. and 13 S

R. S. 13 and 14 $\frac{1}{2}$

marked with 6 notches on
 each edge

From which

A Galvanized Pipe in diam
 bears $N 9\frac{3}{4}^{\circ} E$ 88 lks. dist.

Marked T 12 S - R 14 E S. 31 B.T.

A Galvanized 12 ins. in diam.
 bears $S 9\frac{3}{4}^{\circ} W$ 54 lks. dist.

Marked T 13 S - R 13 E S 1 B.T.

A Galvanized 12 ins. in diam.
 bears $N 70\frac{1}{2}^{\circ} W$ 138 lks. dist.

Marked T 12 S - R 13 E S 36 B.T.

no other tree within limit
 and raise a mound of stone
 3 ft base 2 ft high S of cor
 fits irrefragable

J. 135. - R. 14 E.

From the cor. of Sps
12 and 135, R. 13 and 14 E
Just established by me Iron
East bet. secs. 6 and 31
Over rough broken land
and through underbrush
of Paloverde and cacti

- 5.40 Gulch 40 Sps. wide course S.W
5.80 Perpendicular bluff 3 ft high
lean N.E. and S.W. ascend
6.75 Top of bank
18.00 Descend
29.00 Gulch 30 Sps. wide course S.W
Ascend
37.00 Top of Ridge, lean N.E. and S.W
40.00 Sit a Granite Stone 24 x 12 x 18 ins 15 ins.
in the ground for 1/4 sec cor
marked 1/4 S on N face
From which
a Paloverde 6 ins, in diam.,

36 Resurvey of the North boundary of
 bears S. 64 $\frac{3}{4}$ E 38 lds. dist.
 Marked $\frac{1}{4}$ S 6 B.T.

A Palovode 8 ins, in diam,
 bears N 37 $\frac{1}{4}$ W 63 lds. dist.
 Marked $\frac{1}{4}$ S 31 B.T.

49.50 Gulch 25 fms wide course S. W

68. Gulch 30 fms wide course S. W

74.50 Gulch 70 fms wide course S.

Ascend

80.00 I search diligently for the
 original cor but can find
 no traces of it

I set a Granite Stone 70 x 10 x 8 ins
 15 ins in the ground for corners
 5-6-31 and 32

Marked with 1 notch on E
 and 5 notches on W edges
 From which

A Palovode 6 ins, in diam
 bears N 64 $\frac{1}{4}$ E 76 lds. dist.

T. 13 S. - R. 14 E.

MARKED T 12 S. - R. 14 E S 32 - B. T.

A Palovrde 10 ins. in diam.
bearing S 79° E - 54 lks. dist

MARKED T 13 S. - R. 14 E S 5 - B. T.

A Palovrde 8 ins. in diam.
bearing S 25 1/2° W. 148 lks. dist.

MARKED T 13 S. - R. 14 E S 6 - B. T.

A Palovrde 6 ins. in diam.
bearing N 37° W. 87 lks. dist

MARKED T 12 S. - R. 14 E S 31 - B. T.

Sand broken

Soil 4th rate

Tumber Palovrde

mountainous land and
covered with dense Palovrde
undergrowth 80.00 che

38 Resurvey of the North boundary of
East bet. Sec 5 and 32

Over broken land
Ascend
2 00 Ridge bears N and S
Descend

5-10 Gulch 25 ft. wide course S.

27.60 Gulch 30 ft. wide course S.
Ascend

40.00 I can find no trace of original
1/4 sec. cor

Set a Granite Stone 18 x 10 x 6 ins

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

Marked 1/4 S on N face

From which

A Paloverde 8 ins. in diam.

bears N 63 1/4° E 15 lks. dist.

Marked 1/4 S 32 B.T.

A Paloverde 9 ins. in diam.

bears S. 53 1/4° E 57 lks. dist.

Marked 1/4 S 5 B.T.

45.50 Ridge bears N and S

T. 23 S. - R. 14 E.

53.00 Descend

62.70 Gulch 30 fts. wide course S.
Ascend

69.00 Descend

73.50 Gulch 35 fts wide course S.
Ascend80.00 Can find no trace of original
sec. cor. 5 ft.

Set a granite 24 x 12 x 6 ins 18 ins
in the ground for cor of Sec
4-5-32 and 33

Marked with 4 notches on E
and 2 notches on N. edges
From which

a Palovode 6 ins. in diam,
bears N 72° E 68 lks. dist
Marked T. 12 S. - R. 14 E. S. 33. B.T.

Palovode 10 ins. in diam,
bears S. 13° E 31 lks. dist.
Marked T. 13 S. - R. 14 E. S. 4 B.T.

40 Resurvey of the North Boundary of

A Paloverde 5 ins. in diam.
 bears S $8\frac{3}{4}^{\circ}$ W. 87 lks. dist.
 Marked T 13 S. - R 14 E. S. 5 B. T.

A Paloverde 6 ins. in diam
 bears N $13\frac{1}{2}^{\circ}$ W. 73 lks. dist.
 Marked T 12 S. - R 14 E. S. 32 B. T.

Sand broken

Sail 4th rate

Timber Paloverde

Mountainous land and covered
 with dense undergrowth of
 Paloverde and cacti 80-100 lks

December 30th 1901

East bet. Secs 4 and 33
 over mountainous land
 ascend

2.00 Ridger bears N. E. and S. W.
 descend

11.40 Gulch 40 lks. wide course S 30° W

T 135 - R 14 E

BOOK 1542

41

5-3

Ascend

39.00 Descend very steep rocky hill

40.00 can find no trace of the original $\frac{1}{4}$ sec. cor

Set a Granite stone 18x12x6 ins, 12 ins.

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

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

From which

a Paloverde 5 ins dia. bears S $48\frac{1}{2}$ W 9 lbs. dist.

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

A Paloverde 5 ins in diam, bears N 30 W 5 lbs dist,

Marked $\frac{1}{4}$ S 33 B.T. in 32 ft. 17 chs. opening and cottonwood trees bears N 32 E.

41.00 Bottom of hill less ft below cor.

42.00 Wash 40 Sks wide course S.

42-85 Trail bears N 10 E and S 10 W

47.00 Gulch from spring course S 30 W

48.00 Ascend steep Red hill

54.00 Red ridge bears N and S.

42 Resurvey of the North boundary of

Desand

55.50 Gulch 75 fts wide course S. 70° W.
thence S. W

Ascend

60-40 Top of rim bears S, E, and N, W;
Descend69. 60 Gulch 25 fts. wide course S. W
ascend rocky hill77. 00 Ridge bears S. E. and N W
Descend80. 00 Can find no trace of original
sec. cor.I set a Granite stone 20 x 10 x 6 ins, 15 ins,
in the ground for cor of sec

3-4- 33 and 34

marked with 3 notches on E
and N edges

From which

A mesquite 5 ins in diam
bears N 76³/₄ E 110 lbs, dist.

BOOK 1542
9.135. - R 14 @

43 53

Marked T 125 - R 14 E 534 B.T.

A Paloverde 5 ins. in diam.
Leaves S 4 1/4 E. 93 lbs. dist.

Marked T 135 - R 14 E 53 - B.T.

A Mesquite 10 ins. in diam.
Leaves S 4 1/4 N. 67 lbs. dist.

Marked T 135 - R 14 E 54 B.T.

A Mesquite 5 ins. in diam.
Leaves N 4 1/2 W. 73 lbs. dist.

Marked T 125 - R 14 E 533 B.T.

Sand very broken

Soil 4th rate

Timber Paloverde and Mesquite
mountainous land and heavily
timbered 80,00 lbs.

5 ft.

uber
S
at

map
ter. Co.
shch

44 Resurvey of the North boundary of
East 1/4 Secs 3 and 34
over mountainous land

- 1.50 Descend
- 5.00 Gulch 30 Fts. wide course S. 30° E
ascend
- 10.70 Gulch 15 Fts. wide course S.
- 14.00 Descend
- 20.60 Cañon 30 Fts wide 75 ft deep
course S, 30° W
Ascend steep mountain
- 40.00 can find no trace of original
1/4 sec cor.
A granite stone in place 4 x 10 x 6 ft
above ground for 1/4 sec cor
I mark a cross (+) at exact
cor. point and 1/4 S on N side
and raise a mound of stone
2 1/2 ft base 1/2 ft high on cor.
stone Pit inaccessible
- 52.00 Ridge slopes S. W.

T. 13 S. - R 14 E

Thence along S slope of
Catalina Mountains

80.00 can find no trace of original
1/4 sec cor

Set a Granite Stone 24x10x8 ins. 18 ins.
in the ground for cor of sec

2-3-34 and 35-

marked with 2 notches on
E and 4 notches on W edges
and raise a mound of stone
3 ft. base 2 ft. high N. of cor
Pts unpracticable

Land mountainous

Soil 4th rate

Timber Palovide and mesquite
mountainous land 80.00 chs

December 31st 1901

Note In resurveying this boundary
line I searched diligently

46

Resurvey of the North boundary of
with my entire corps of
assistants for several chains
around the cor. point, for
each cor. and could find
not the slightest trace of
any of them.

Francis Jacobs
U.S. Deputy Surveyor.

J. 135. - R. 14 E.

Field Notes
 of the resurvey of the
 North Boundary of
 Township No. 15 - South
 Range No. 20 East
 of the
 Gila and Salt River
 Base and meridian
 in the
 Territory of Arizona
 as resurveyed by
 Francis B. Jacobs
 U.S. Deputy Surveyor
 in connection with his
 contract no 81. of date May 22. 1901
 Survey commenced January 9th 1902
 Survey completed January 11th 1902

48 Resurvey of North Boundary of
 names and duties
 of Assistants.

Harry R. Ebleer Chairman
 Everett L. Boulden Chairman
 James S. Henderson Measurer
 Jay Jacobo Flagman

INDEX

31	32	33	34	35	36
60	58	55	53	51	50
6	5	4	3	2	1

P. 15 S. P. 20 E.

T 15 S - R 20 E

at the cor. of Tps. 14 and
15 S. Rs. 20 and 21 E
the post is badly decayed and
the pits and mound oblit-
erated.

I reestablish said ^{cor.} by
setting a post $3\frac{1}{2}$ ft. long
4 ins. square, 24 ins in
the ground for cor. of Tps
14 and 15 S. Rs. 20 and 21 E.

Marked

T 14 S. - S 31. on N. E

R 21 E. S 6. on S. E

T 15 S. - S 1 on S. W and

R 20 E. S 36 on N. W face. -

with 6 notches on each edge
dug pits $24 \times 24 \times 12$ on each line
N. E and W. 4 ft. and S. of post
8 ft. dist. and raise a mound of
earth 5 ft. low $2\frac{1}{2}$ ft. high S. of cor.

Resurvey of north boundary of

Thence I run
 $N 89^{\circ} 54' W.$ bet. Secs 1 and 36
 Discard strong dense
 undergrowth

40.00 The $\frac{1}{4}$ sec. cor. cannot be found
 I set a post 3 ft. long $\frac{1}{2}$ in.
 square 24 ins in the ground with
 a marked stone for $\frac{1}{4}$ sec. cor
 marked T4S36 on N face. S1 on
 S face. dig pits $24 \times 24 \times 12$ ins.
 E and W of post 3 ft. dist. and
 raise a mound of earth 4 ft base
 1 1/2 ft. high W. of cor.

80.00 I find evidence of the original
 sec. cor. but post is gone
 I set post 3 ft. long. $\frac{1}{2}$ in.
 square with marked stone
 24 ins. in the ground for cor. of
 Secs. 1-2. 35 and 36 marked
 T14S. S 36. on N. E

T 15 S. - R. 20 E.

R 20 E. S 1 on S. E.

T 15 S - S 2 - on S. W and

S. 35 on N. W face with 1 notch
on E. and 5 notches on W edges

seg pits $24 \times 24 \times 12$ ins in rock

Sec. $5\frac{1}{2}$ ft. dist. and raised mound

of ~~about~~ 5 ft base $2\frac{1}{2}$ ft high W of 15 ft
cor.

Sand slopes West

Soil 3^d rate

No timber

Dense undergrowth of catsclaw
cacti and Palo Verde 80, che.

N. 89.5 if N. bet. Secs 2 and 35

Through dense undergrowth

@ 20 the $\frac{1}{4}$ Sec. cor cannot be found

I set post 3 ft long 4 ins square
with marked stone. 24 ins. in to

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

Resurvey of North boundary of

45.05 on N and 52 on S faces
 by pits 24 x 24 x 12 ins E and W of
~~posts~~ 3 ft dist. and raise a mound
 of earth + ft. base 1 1/2 ft. high N of cor.

68.00 Descend

80.00 Bottom of Sulch 50 fms. wide
 course S 75° W.

The S.E. cor is destroyed
 I set a post 3 1/2 ft. long, 5 ins
 square, 24 ins in the ground
 marked T 45. S 35. on N. E
 R. 20 E. S 2 on S. E

T 155. S 3 on S. W and
 S 34 on N. W. faces, and 2 notches
 on E. and 4 notches on W. edges
 from which

4 Mesquite 17 ins. in diam.
 bears N 50 1/2° E 123 lbs. dist.
 marked T 45. R 20 E. S 35 B.T.

A Mesquite 10 ins. in diam

J. 95-5. R. 20 E.

bravo $S 3^{\circ} W$. 125 lvs dist
marked T 15 S R 20 E S 3 B. T.

A Mesquite 6 ins in diam.

bravo $N 78\frac{1}{2} W$. 42 lvs. dist.

marked T 14 S R 20 E S 34 B. T.

no other tree within limit.
log posts $2\frac{1}{2} \times 2\frac{1}{2} \times 12$ ins in each Sec.

5 ft. dist. and raise mound of stones 5 ft.

bravo $2\frac{1}{2}$ ft high W. of cor.

Level slopes $\frac{1}{4}$

Soil $2\frac{1}{2}$ rate

Scatter Mesquite
January 9th 1902

$N 79^{\circ} 54' W$. bet. Secs. 3 and 3 $\frac{1}{2}$.

37.00 Through dense mesquite timber
40.00 beyond main road being mound S
the $\frac{1}{4}$ Sec. cor corner or found

I set a post 3 ft. long 4 ins square
24 ins in the ground for $\frac{1}{4}$ Sec. cor.

marked 145 on N face from which

A mesquite 6 ins. in diam.

bravo $N 3^{\circ} E$ 192 lvs. dist

Resurvey of North boundary of

marked T 4 S 34 B.T.

A Mesquite 6 ins. in diam.
bears S 4° E 238 lbs. dist.

marked T 4 S. 3 B.T.

1

Enter San Pedro River valley

8

bears N. and S.

80.00

The sec. cor. is destroyed

I set a post 3 1/2 ft long 5 ins.
square. 24 ins. in to ground
for cor of secs. 2-3-33 and 34

marked T 14 S. 5 34 on N. E

R 20 E. S 3 on S. E

T 15 S. - S 4. on S. W and

S 33. on N W. face with 3 sticks
on E and W. edges. From which

~~A Mesquite~~
A Hackberry
in diam
bears N. 30° E 52. lbs. dist.

marked T 14 S. R 20 E. S 34 - B.T.

A mesquite 12 ins in dia

T. 15-S. R. 20 E.

Leans S $35\frac{1}{2}^{\circ}$ E 52 lks. dist.

Marked T15 S. R 20 E. S 3 - B.T.

A mesquite 10 ins in diam

Leans S. 68° W. 100 lks. dist.

Marked T15 S. R 20 E S 4 B.T.

A mesquite 12 ins. in diam.

Leans N 76° W. 18 lks. dist.

Marked T14 S R 20 E. S 33. B.T.

Land rolling and level
Soil 2^d and 1st rate

Timber mesquite and some Hackberry

Dense undergrowth of
Mesquite 8000 chs

N $89^{\circ} 54'$ W. bet. Secs 4 and 33

through mesquite timber

1.20 Right bank of San Pedro River

20 ft high second

1.50 San Pedro River 120 fks. wide

Flows north

Resurvey of North boundary of

- 5.70 Left bank of San Pedro river
26 ft. high ascend
- 40.00 The post 3 ins. square 2 ft.
above ground marked 145 on
N face. From which
a mesquite 12 ins. in diam
bears S. 24° E. 60 fms. dist.
marked 145 4 - B.T.
A mesquite 10 ins. in diam.
bears N 62° W. 55 fms. dist.
marked 145 33 - B.T.
- 50.35 Road bears N and S.
- 55.00 Leave San Pedro river
valley bears N and S
ascend
- 61.50 Ridge bears S.E. and N.W.
Descend
- 70.00 Foot of ridge thence
up Wash. -
- 80.00 The Sec. cor. is destroyed

J. 15^s - R. 20 E.

I set a pest 3 ft long 4 ins
square 24 ins in the ground
for cor. of Secs. 4-5-32 and 33
marked T 145-533 - on. N E

R 20 E - S 4 - on S. E.

T 15^s - S ~~4~~ on S. W.

S 32. on N. W. faces with
4 notches on E. and 2 notches
on W. edges. From which
a mesquite 10 ins. in diam.
bears S. 68° E 17 1/2 lks. dist.

marked T 155. R 20 E. S 4. B.T.

a mesquite 6 ins in diam.
bears N 71° W. 8 lks. dist.

marked T 145 - R 20 E S 32 B.T.

and raise a mound of stone
3 ft base 1 1/2 ft high W of cor

Pits unpracticable

Sand level and belly

Sail 1 st and 3^d rats

Resurvey of North boundary of

Lumber Mesquite

dense mesquite undergrowth
80.00 chs.

 N 89° 54' N. bet. Secs 5 and 37

Up a wash course S. 75° E.

38.00 Leave Wash. Ascend

 40.00 ~~Deflor.~~ cannot be found
 Detapost 3 ft. long. 4 ins square
 24 ins. in the ground for 14 sec.
 cor. marked 1/4 S. on N face
 from which

 a mesquite 6 ins. in diam.
 bears S 27° W. 223 lks. dist.

Marked 1/4 S 5 B.T.

 a mesquite 10 ins in diam.
 bears N 43° W 187 lks. dist.

Marked 1/4 S 32 B.T.

47.00 Ridge bears S. E and N. W

T. 15-S. - R. 20 E.

Descend -

63.50 Gulch 30 Sds. wide course S. 40 E

Ascend

82.20 The sec. cor cannot be found
I set a post 3 ft. long. 4 in square
12 in. in the ground to be above
with marked stone for cor of
sec 5-6. 31 and 37 marked

T 14 S. S 32 on N E

R. 20 E. S 31 on S E

T 15 S. S 4 on S W.

S 31 on N N face with S.

Notches on E. and 1 notch on

N Edges and raise a mound
of stone 3 ft base 1 1/2 ft high
around post.

Quite impracticable

Land mountainous

Soil of the rats

Juniper scrubby mesquite

Resurvey of north boundary of

mountainous land and

covered with dense

undergrowth 80,000 chs

January 10th 1902

N. 89° 54' N. to Sec. 6 and 31

corr mountainous land

ascend

4 50

Ridge bears S. E. and N. W.

descend

19

Gulch 30 Secs. wide comes S 60° E

ascend

39.25

Ridge bears S. E. and N. W

descend

40.00

The 1/4 Sec. cor cannot be found

I set a post 3 ft long 4 in girth

with marked stone. 18 ins in

the ground for 1/4 Sec. cor

marked 1/4 S 31 on N and S 60° E

S face and raise a mound

of stone 3 ft. base 1 1/2 ft. high around

41.00

may or may not be N. W.

T 155 - R 20 E

post.

Pits impracticable

47. ²⁵ Gulch 25 fms wide Course S 70° E
Ascend along S side of Gulch
- 68 Descend
76. 00 Gulch 20 fms. wide course N. E
Ascend
80. 45 The cor. of Sps. 14 and 15 S
Rs. 19 and 20 E. a post
24 ins above ground firmly
set, ^{properly} marked and witnessed.

Land mountainous

Dirt at ^{the} rate

No timber

mountainous land and
covered with dense under-
growth 80. 45 - chs

January 11th 1902

Resurvey of north boundary

Note

In the prosecution of my survey of T 14 S - R 20 E. I found it absolutely necessary to re-survey and reestablish the south bdy. of said T. prior to initiation of Subdivisional lines therefrom, as many of the old Sec. and 1/4 sec. cor. were entirely lost and obliterated and those few that were not entirely obliterated were only located after a diligent search and remeasurement of said exterior bdy; in many instances faint traces or bearing trees being the only evidence from which to determine the locus of the

I 15-S - R 20 C

corners:

The course of said line was found to agree with that reported by the Surveyor General yet with but one exception I found it imperative to reestablish the course on this line as per instructions in the Manual.

Our account of additional expense and delay that would have been involved in securing special authority from the Surveyor General for the resurvey of this line and considering the inevitable necessity of the resurvey, all the Subdivisional lines being

Resurvey N. Ldy. - 5155 - R. 70 &

dependent thereon;
I proceeded to operate under
the circular letter on
retracement and resurveys
which accompanied my
Special instructions and
formed a part here of.

¹⁷
Francis J. Jacobs
U.S. Deputy Surveyor

See Sp. 20 S. R. 7 E. for Final Cath.

OFFICE OF THE U.S. SURVEYOR GENERAL.

Phoenix, Arizona.

Dec. 10-1902.

The foregoing field notes of the ~~sur~~

^{Resurvey}
~~vey~~ of N. Edge of Tp. 13 S. R. 14 E. T. 15
S. R. 20 E. N. Edge. Tp. 20 S. R. 8 E.

executed by J. B. Jacobs D.S.
under his contract No. 81- dated ---

May 23 1901, having critically
examined and the necessary corrections
and explanations made, the said field
notes, and the surveys they describe,
are hereby approved.

Augh H. Price
U.S. Sur. Gen for Arizona.