

2012

*See 2011
for corrections.*

Closing lines

*On the North East Boundary of the
Gila River Indian Reservation*

III

Tp. 1 N, R 1 E, Tps 15, Rs 19 & 2 E

H. R. PATRICK, D.S.

4-978

BOOK 2012

2012

FIELD NOTES

2012

GENERAL LAND OFFICE.

*See Book 2011
for corrections to
these notes.*

2012

Preliminary Oaths of Assistants.

We, *Alfred J. Hayes*
 and *John F. Briggs*
 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 *lines of public*
surveys closing on North East
boundary, Gila River Indian
Reservations in Tps 15. R. 10
E.

of the Gila and Salt River Base and Meridian in
 the Territory of Arizona.

Alfred J. Hayes Chainman.
John F. Briggs Chainman.
 Chainman.
 Chainman.

Subscribed and sworn before me, this *16*
 day of *October* 189*9*

Em. Wickersham
 Notary Public.

SEAL

Commission

March 7th 1902

We, Joseph *Vuelva*
and John R. Moore

do solemnly swear that we will well and truly per-
form the duties of *Flagman and*
Axman

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 *lines*
of public surveys closing on North
East boundary Gila River Indian
Reservations in Tps. 1 & 2 R's
1 & 2 E.

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona.

Joseph Vuelva Flagman,
John R. Moore - Axman

Subscribed and sworn to before me this *16* th
day of *October* 189*7*

Em Wickersham
Notary Public.

My Commission expires *March 7th 1902*

inclosure agrees by our words are

187
p 142 E
Res.
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Field Notes.

of the Survey of the

Lines of Public Survey closing
on the

North East Boundary Line
of the

Gila River Indian Reservations,
in

Tp. 1 N. R. 1 E. - T. 1 S. R. 1 & 2 E.

of the

Gila and Salt River Base and
Meindians.

Territory of Arizona.

as surveyed by.

Herbert R Patrick

U.S. Deputy Surveyor.

under his Contract No 51,

Dated April 17th 1899.

Section lines in T₁.1 & 2 S. R_s. 1822
Closing on the N.E. Bdy of the Gila River

~~Survey Commenced October
27th 1899 and executed with
A.W. & H.E. Gentry light~~

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Indian Reservations.

BOOK 2012

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4. Section lines of the Public
closing on the North East

BOOK 2012

Survey Commenced October
27th, 1899, and executed with
a W. H. E. Gurley, light Mountain
transit having double opposite
verniers reading to 1 min. and
provided with Solar attachment
the Declination and Latitude
Arcs reading the same, the
latter being a half circle
giving Co-latitude,

My instrument, Chain and
Steel tape were examined
and approved by the Surveyor
General before the beginning
of this Survey.

I examine the adjustments of the
transit and find levels and line
of Colimation correct, then to test
the Solar apparatus by comparing
its indications by Solar observations

Survey in Townships 1 N. R. 12, T. 18. R. 12⁵ E
Boundary of the Gila River Indian Res.

BOOK 2012

made at A.M. and P.M. hours with
the true meridian established by
me at the Standard Cor. to Secs. 34
& 35. T. 1 N. R. 12 E. on Oct. 18. under
this same contract, by observation
on Palavis (see page 26. of the
Survey of the North East Boundary
line of the Gila River Indian Res-
ervation, I proceed as follows,
at 10 a.m. I set off $33^{\circ} 22' 40''$
on the lat. arc and $12^{\circ} 52' 20''$
on the decl. arc. (to the nearest
min. and determine with the solar
a true meridian and mark a point on
the stake 5.00 Ch north of the corner.
At 2 P.M. I set off same lat. and
on the lat. arc, and $12^{\circ} 55' 44''$ on the
decl. arc, and mark a point on
the stake and find that the true
meridians defined by the Solar are

6 Section lines. in T. 1 N. R. 1 E.
Closing on the N. E. Bdy, G. R. 1 R. Reservation

BOOK 2012

East and west of the true meridian established by the observation on Palaris and vary less than $\frac{1}{2}$ of 1 min. therefore, therefore I conclude that the adjustments are satisfactory.

The magnetic bearing of the true meridian ^{at 7 a.m.} is $N. 13^{\circ} 33'$ and this angle corrected by the table on Page 100 of the Manual gives the mean variation as $N. 13^{\circ} 30'$.

I compare my chain with the standard steel tape and find it correct.

I begin at the cor of Sec. 34 + 35 T. 1 N. R. 1 E. which is a stone $11 \times 7 \times 4$ inches above ground. With Mound of Stone on E. side as established by me on Oct. 18. and described

Section lines in T. 1 N. R. 1 E. 6A

BOOK 2012

Closing on the N.E. Body of the G.P.I. Reservation.

- 1 From the cor of Sec. 34+35. on S. bdy. T. 1 N. R. 1 E. established by me. which is a stone $11 \times 7 \times 4$ in. above ground. as described on page 25 of book of field notes of the survey of Keta River Reservation Boundary I run North across the Reservation on a blank line.
- 40.00 The pt. for '14 Sec. 30, as described on page 29 of above named field notes.
- 74.88 Intersect the Res. bdy. at the pt. for the initial Mon. thereof as described on page 31 of above named field notes. Thence over public land on a Random line.
- 80.00 The point for cor. of Secs. 16-27-34+35 After careful inquiry and diligent search I find no trace of corner or any other corner within 1 mile distance. I establish the cor. at the point in the field in the manner

Section lines in TIN RIE.

Closing on the N.E. Bdy of the G.R. 1 Reservation

Set a mesquite post 3 ft. h. 4 ins. dia. with 1/2 qt. of charcoal, 24 ins. in the ground for Cor. of Secs. 26-27-35 & 34. T. 1 N. R. 1 E. Marked T. 1 N. S. 26 on N. E., - R. 1 E. S. 35 on S. E. S. 27 on N. W. and S. 34 on S. W. faces. with 1 notch on S. and 2 notches on E. Edges parallel.

A mesquite stump, 18 ins. diam. 3 ft. hi. growing young growth, bears N. 40° 20' W. 60 lbs. marked T. 1 N. R. 1 E. S. 27 BT.

A mesquite stump. (growing) 4 ft hi. 16 ins. diam. bears N. 60° 25' E. 113 lbs.

This tree is already marked and noted as a bearing tree to Witness. Cor. of Section 34. W. G. R. 1. R. Boundary, as described on Page 60 of Field Notes of Uteal Survey. I therefore make no further markings and there being no other natural bearing objects near. I dig pits 18x18x12 ins. in each section 5 1/2 ft dist and raise mound of earth.

Section lines in T.1.N.R.1.E.

Closing on the N.E. Body of the G. N. Reservation

on page 60. of Field notes of the G. N.
I. R. Boundary above described.

Thence across the reservation
on a blank line.

40.00. The point for $1/4$ Sec Cor.

80.00. The Cor of Sec. 34 & 35 on the
Base line.

This line has been previously
described and noted in the
Field notes of Survey of N.E. Body
of the Gila River Indian
Reservation. on pages 28 to 32

Note: In the execution of this contract
my health has been so broken down,
that in transcribing my notes I have only
been able to work but little at one time.

generally writing one mile at a sitting.

This has caused an oversight in omitting
the note '15' line bet. Secs 34 & 35 shown
in record of capital. 22' 1' + 100'

Section lines in T. 1 N. R. 1 E.

Closing onto N.E. Bdy of the Gila R. Reservation

on page 25. of Field notes of Survey of
Gila River Reservation Boundary,
and run East, on a Random line
across Reservation Variation N. 13° 30' E.

42.00 Set temp Stake for 1/4 Sec. Cor.

No. trace of Original Cor. or Woolly Cor. found.

50.00 The stone at the corner of Secs ^{3, 2 and 26} 14 + 35
set firmly in ground in center of
highway bearing E. & W. fenced
on N. and S. sides 50 lbs dist.
and North of the stone 50 lbs a fence
runs north.

Thence I run West on a True line
over level fields.

1.86 Set a temp stake for the closing
corner of Secs 1 + 2. T. 1 S. R. 1 E.

Highway turns to South.

2.27 Wire fence bvs. N & S. inter alfalfa.

15.18 Intersect the North East boundary line
of the Gila River Indian Reservation at

8 Section lines in T. 1 N. R. 1 E.
Closing on the N.E. Cor. of the G. R. I. R. Reservation

Chains. BOOK 2012

a point from which the 1 Mile Cor.
bears N. 40° 58' W. 18.90 chs. dist.

Set a mesquite post 4x4 ins. 3 1/2 ft. x
2.4 ins in the ground, with marked stone
and deposit of broken china beneath
post, for Closing Corner of fract. Secs

35 - T. 1 N. R. 1 E. and Sec. 2, T. 1 S. R. 1 E.

Post marked C.C. T. 1 N. R. 1 E. S. 35 on E.

S. 2. on S. and G. R. I. R. on W. side

No. bearing objects near.

(Note. This post was made longer
and left 1 1/2 ft. above ground to
be made more noticeable in field,
the ground immediately ^{around} it is alkali
and does not produce any crop.)

Then across the reservation
on a blank line.

40.00 The point for 1/4 Sec. Cor. falls on
the Reservation. Oct. 27th

Section lines in TISRIE.
Closing on the N.E. Bdy of the G.R. Reservation

lines. These lines just described being
the only lines in T.P. 1 N. R. 1 E Closing
on the Res. boundary, I proceed
to close the lines in T.P. 1 S. R. 1 E.
Deducting 1.86 chs. from 15.18 chs. the closing dist on sec 35 gives
1332 The closing dist. for N. line of Sec. 2. T. 13. R. 1 E.

Having made due inquiry for
old corners in these Tps. and
preliminary to this work.

I have run line south from
bt. for. Cor. to Sec. 1 & 2, two miles

South from pt for Cor. to Sec 1 & 6 3 miles.

South from pt for. Cor. 5 & 6. T. 13 R. 2 2 mi.

South from pt for Cor. to 4 & 5. " " 3 miles.

On the Base line I find all
the ^{standard} corners noted, but none of
the Closing corners for sections
on South side. I run from
points established on the base
line west of the standard covs.
according to field notes furnished

10 Section Lines in T. 1 S. R. 1 E,
closing on the N. E. Body of the G. B. 1 Reserve

BOOK 2012

me by the Surveyor General, allowing for
convergency. The only corner I have
found south of the base line is
the corner to sections, 8, 9, 16, 17, T.
1 S. R. 2 E, a mound with four pits
I deem it of great importance to find
a corner in this Tp. as most of
the lines to be closed are in this Tp.
and furthermore the lines of this
Tp. closing on North and West
boundaries are fractional and
during a long practice in this
district I have found that such
lines do not correspond with
original field notes.

With the foregoing data in
hand I proceed to the estab-
lished cor. of Tp. 1 N. R. 1 & 2 E. on the
base line, which is a stone 4x5x3 in
above ground in center of public

Section lines in T1S R1E,
 closing on the N.E. Bdy. of the G.R.I. Reservation

highway running east + west,
 with ditch and row of Cottonwood
 trees on South side and fence
 on north side running west,
 and 50 links West an irrigating
 ditch running North and south.
 From this corner, I measure West
 on the base line, having the
 Initial Monument in plain sight,
 236 links, according to the
 original field notes furnished
 me by the Surveyor General, for the
 Closing Cor. of Sec. 6 & 1, and
 finding nothing to mark this
 Cor. I deposit a quart of charcoal and
 marked stone. 24 ins. in the ground
 Stone, 12 x 6 x 3 ins and marked C.C. on
 one side and S.P. on the other, from
 which, a cottonwood 8 ins. diam bor. S. 54° 50' W. 74 1/2
 marked. W.C. C.C. T1S. R1E. S. 1. B.T.

12 Section lines in T.I.S.R.I.E.

closing on the N.E. Bdy. of the G.R.I. Reservoir.

Chains. E. line Sec. 1.

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A cottonwood 10 ins. diam. brs. $S 8^{\circ} 45' E$. 86 ft
Marked. W.C.C.C.T.I.S.R. 2 E. S. 6. - B.T.

Oct. 28th at this corner to Secs. 1 + 6. at
8 am. l.m.t. I set off $33^{\circ} 22' 40''$ on
lat. arc and $13^{\circ} 09' 43''$ on the
decl. arc. to the nearest sun, and
determine a true meridian with the
solar.

Thence I run South, on a true line between
sections, 1 and 6, through level field,

0.50 Irrigating ditch brs. E + W. - row of cotton-
wood trees on N. border. at this point
a wire fence starts and runs southerly.

12.50 Enter alkali ground.

40.00 Set mesquite post. 3 ft long x 3 ins sq.
24 ins. in ground. for $1/4$ Sec. Cor. $1/4$ S. 1. on the
W. face. and S. 6 on E. face. from which
A ground mesquite stump 20 ins. diam.

Section Lines in T. 15 R. 1 E

Enclosing on the N.E. Bdy. of the G.R. 1 Reservations.

Chains. E. line Sec. 1.

beams. S. $26^{\circ} 33' W$. 164 lbs.

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

A Mesquite. 14 ins. diam. bdy. S. $24^{\circ} 37' E$. 154^{lbs}

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

This cor. stands 94 lbs. W. of the S.E. cor. of fence. enclosing (approximately) the N.E. $\frac{1}{4}$ of Sec. 1. claimed by Dominick Clabern. No trace of old cor. found;

44.50 Foot of mesa about 20 ft. hi. bdy. W. —

59.00. Enters level plain, dotted with ancient ruins

80.00 Set a green stone 18 x 15 x 4 ins. 14 ins. into ground. for cor. to Secs. 1 & 12 —

6 & 7, marked with 1 notch on the N.

edge and 5 notches on the south edge dig pits. 24 x 24 x 12 ins in each sec. 5 $\frac{1}{2}$

ft. dist. and raise a mound of earth 4 ft. base. 2 ft hi. 3 ft W. of the cor. from which A. Mesquite 5 ins. diam. bdy. S. $33^{\circ} 37' E$. 356 lbs.

Marked. T. 15. R. 2 E. S. 7. B.T.

14 Section Lines in T. 1. S. R. 1 E.

Closing on the N. E. Bdy. of the G. R. 1 Reservation.

Chains. A. Mesquite. 6 in. diam. bds. N. 83° 25' E. 124 lbs.

No other trees. Near.

All traces of original corner now disappeared. I find the Woolfley cor. S. E. 165 lbs. & destroy all traces of it.

Land. 67 ch. level. open. 13 ch broken.

Soil. 44 ch. bottom. alkali. 3rd rate.

balance. 1st class., but too uneven

for irrigation

Timber, scattering mesquite, sage

brush and greasewood.

Note. The pits were made large because ground is sandy.

The original field notes furnished by the Surveyor General for the Sec. line bet. Secs. 1 & 12. T. 1. S. R. 1 E. call for 79.73 chs. and a course of S. 89° 40' W. which seems to show a wide discrepancy, as the West line of Sec. 1 is given as

Section lines in T.1 S. R.1 E.

Closing on the N.E. Bdy. of the G.P.I. Reservation.

Chains

80.86 Ch. and as this line is over uneven ground and through dense mesquite and brush. I judge the error to have been in measurement on this west line, therefore from the cor. of Sec. 1. and 12 on E. bdy. of Tp. I run S. $89^{\circ}40'W.$ on a true line over level mesa broken by ancient ruins -

22.60 Intersect the N.E. bdy of the Gila River Indian Reservation at a point from which the $2\frac{1}{2}$ Mile Cor. stone on the Res. Bdy. bears N. $40^{\circ}58'$ 5.25 Chains dist.

Set a mesquite post, 3 ft. l x 5 ins sq. 24 ins. in ground. and underneath deposit a quart of charcoal

16 Section lines in T I S R I E.

closing on the N.E. Bdy. of the G.R. 1 Reservation

behain. for the closing cor. of fract. Secs.
1 and 12, marked.

C.C. T. 18. R. 2 E. on E-S. 1. on N.

and G.R. 1. R. on W. faces, dug

pits crosswise on each line

30 x 24 x 12 ins N. 40° 58' W. 4 ft. and

24 x 18 x 12 ins. E. of post. 7 ft dist

and raised a mound of earth 4 ft
base. 2 ft. hi. 3 ft E. of the cor.

Thence across the reservation on a
blank line.

39.86 The point for $\frac{1}{4}$ Sec. cor. falls on
the reservation, dist. according
to original. field notes. I find

No trace of original cor. found.

A mound with pits 18 x 15 ins. E. + W.

Gr. S. E. 150 lbs. The cor. established

by Woolfly for $\frac{1}{4}$ Sec cor. which I
destroy.

42.00 a mound bears south. 25 lbs.

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Section lines in
closing on the N.E. Bdy. of the B.R. Reservation.

with pits .30x30 ins on N.W.,
and 24x24 ins on E. The
closing cor on Res. bdy. under
Woolfley survey. I destroy it:

79.73 The pt. for Cor. to Sec. 1-2-11 and
12 - at the dist called for in orig notes.
No traces of original cor. found.
hand. E 1/2. level. but broken by rills,
Soil. ^{with undulating} sandy loam. 1st class but
too much broken for irrigation.
Timber. Mesquite. Sage and grass-
wood brush. all low & scattering.

North. $0^{\circ}3'E$. on random line toward
flag set at Cor. to Sec. 1+2 on the
base line; across the reservation
over broken ground and over a
blank line.

40.00 Set temp stake for 1/4 Sec. cor.

80.50 Intersect the base line at the temp

18 Section Lines in T.15. R.1 E.
Closing on the N.E. Bdy. of the G.R.1 Reservation

Chains, stake previously set (see page 7)
for the Closing Corner of Sections 1
and 2, which I perpetuate by
deposit of quart of charcoal and
marked stone, 24 ins. in the ground
in highway, from which
A mesquite post 3 ft. l. 3 ins sq. set 24 ins
in ground brs. S. 38° 45' W. 65 lbs.

Marked. W.C.-C.C. - T.15. R.1 E. on S. and
S. 2. on E. faces

A. Mesquite post 3 ft. l. 4 ins sq., 24 ins
in the ground. brs. S. 25° 20' E. 60 lbs.

Marked. W.C.-C.C. - T.15. R.1 E on S. and
S. 1. on W. faces. Find no traces of loss set by

Woolfly for. One Cor. C.C. except the stakes which I destroy.
Thence I run S. 0° 3' W. on a true line.

Along center of highway, level.

6.90 Ditch bolts wide brs west.

15.31 Intersect the N.E. bdy. line of the
Gila River Indian Reservation

OK 2012

Section lines in T. 1. S. R. 1. E.
 closing on the N. E. Bdy. of the G. R. 1. Reservation

at a point from which the $1\frac{1}{2}$ mile
Cor. on the Res. bdy. bears S. $40^{\circ}58'E$
 $80\frac{1}{2}$ lks. dist.

Falls in center of highway therefore
deposit a quantity of broken blue
glass, and quart of charcoal and
marked stone, 24 ins in the ground.
For the closing corner of frac. Secs.
1 and 2, from which,

A. mesquite post, 3 ft. l., 3 ins. sq., set, 24 ins
in the ground, marked, W.C.-C.C.-T. 1. S. R. 1. E.
on N. S. 2. on E. and G. R. 1. R. on W. faces
bears N. $40^{\circ}58'W$, 61 lks.

A. mesquite post, 3 ft. l., 4 ins. sq., set 24 ins in
the ground, marked, W.C.-C.C.-T. 1. S. R. 1. E. on N.
S. 1. on E. and G. R. 1. R. on W. faces.

Thence across the reservation on a
blank line.

40.50 The point for $\frac{1}{4}$ Sec. Cor. on the Res.
deduct the C. Cor. Set by Woolfly 764142

80.50 The point for Cor to Sec. 11-12-1-2 + " "

20 Section Lines in TULSIE,
beginning on the N.E. Bdy of the G.R. Reservation

Chains. Land. 58 ch. level. 22 ch broken

Soil. N¹/₂ 2nd class. S¹/₂ 1st
class. but too much broken for
irrigation.

Timber. Mesquite, sage, greasewood
and other brush.

20 chains dense timber or
undergrowth.

No. old corner found.

From the cor. of Secs. 1 & 12 - 6 & 7
on the E. bdy of the Tp. established
by me as described on page 13.

Run South, bet. Secs. 12 & 7.

Over level. open ground.

11.45 Road bears - E & W,

26.37 Intersect the N.E. bdy. of the Gila
River Indian Reservation, at a
point from which the 3. mile cor.
on the Reservation boundary
bears N. 40° 58' W, 220 lps. dist,

Section Lines in TISRIE.

Closing on the N.E. Bdy. of the G.R. 1 Reservation

chains. Set a mesquite post 3 ft. l. 4 ins. sq. with a quart of charcoal 24 ins. in the ground for closing corner of fraction Secs. 12 + 7. marked C.C. TISRIE.

S. 12 on N. - TIS. R. 2 E. S. 7. on E. and G.R. 1. R. on W. face. dug pits cross-wise on each line .42 x .36 x 12 ins.

S. $40^{\circ}58'E$. 4 ft dist. and $30^{\circ} \times 24 \times 12$ ins N. of the post. 8 ft dist. and raised a mound of earth 5 ft. base. $2\frac{1}{2}$ ft hi. $3\frac{1}{2}$ ft N. of the corner.

Thence across the reservation, on a blank line.

40.00 The point for $\frac{1}{4}$ Sec. Cor. falls on the reservation, no old cor. found.

50.00 The point for the corner to Secs. 12-13-7+18 falls on the reservation, hand. level. 1st class.

Soil, first class, sandy loam; timber, scattering mesquite, sage brush, no old cor. found.

et. 25.

Section lines in T_{p.} 15. R 2 E.
 Closing on the N.E. Boundary of Reservation

Chains. I begin at the corner to Secs
 849-16-17 the original government
 Corner found by running south
 from the base line, as noted
 and described on page 10-
 I reestablish the corner at
 the same point as follows.
 Set a mesquite post 3 ft. 6.4 ins. sq.
 24 ins. in the ground for Cor to Secs. 8
 9-16 & 17. marked. T. 15. S. 9. on 2.
 R. 2 E. S. 16. on S. E. - S. 8 on N. W and
 S. 17. on S. W. pass. dug pits. 18x18x12 ins
 in each Sec. 5 1/2 ft dist. and raise
 a mound of earth 4 ft base. 2 ft hi.
 3 ft W of the Cor. from which
 A mesquite. 4 ins diam. brs. S 51° 35' W. 216 4/5
 Marked. T. 15. R. 2 E. S. 17-13 T.

A mesquite. 4 1/2 ins. diam brs. N 53° 20' W. 246 4/5
 marked T. 15. R 2 E. S. 8. 13 T.

A giant Cactus 20 hi. 16 ins. diam brs. N. 0° 40' W. 245

Impossible to mark, but a mesquite stands in sq. at base
 marked. T. 15 R 2 E. S. 8. B. O.

Sections lines in Twp. 1 S. R. 2 E.
 Closing on the N.E. Body of the Reservation.

chains October 30th At 8 am. I set off
 $33^{\circ}22'58''$ on the lat. arc, and $13^{\circ}49'40''$
 on the decl. arc, to the nearest min.
 and determine the true meridian with
 the solar at the cor of Secs. 8-9-16-17
 just reestablished and run,
 according to the original field notes
 furnished me by the surveyor general
 $S. 89^{\circ}39' W.$ between Secs. 8 & 17.
 on a true line, over descending ground.

40.10 An old mound with pits - N. & S.
 which I believe to be the original
 $1/4$ Sec. cor. which I reestablish at
 the same point as follows -
 Set a mesquite stake 3 ft l. $3\frac{1}{2}$ ins. sq.
 24 ins in the ground for $1/4$ Sec. cor.
 marked. $1/4$ S. 8. on N. and S. 17. on S.
 faces, dug pits $18 \times 18 \times 12$ ins. E. & W.
 of stake 3 ft. dist. and on the N. sides
 raise a mound of earth $3\frac{1}{2}$ ft base 2

Section lines in T_p. 1 S. R. 2 E.
Closing on the N.E. Boundary of Reservation

Chains. 1 1/2 ft hi 3 ft from the cor.
from which A. Mesquite 6 ins. diam. bears
N. 23° 18' W. 130 lvs, marked 1/4 S. B.T.
A. Mesquite .5 ins. diam bears S. 42° 00' W 168
Marked. 1/4 S. B.T.

The original field notes call for 39.85
Chains for this distance. I therefore
adjust my chains to this measurement
and run same course.

41.50 Old Road bears S.W.

43.00 Enter belt of young mesquite timber,

68.00 leave " " enter open plain.

79.70 Set a mesquite post 2 ft h. 4 ins. dia., deposit
marked stone and quart of Charcoal 24 ins.

in the ground for cor. of Secs. 7-8-17 and
at the distance called for in the orig. field notes
18 ft marked. T. 1 S. ~~R. 2 E.~~ S. 8. on N.E. R. 2 E.

S. 17 on S.E., S. 7 on N.W. and S. 18 on S.W. faces
dug pits 18 x 18 x 12 ins. in each sec. 5 1/2
ft distant, and raised a mound
of earth 4 ft base 2 ft hi. 3 ft W. of cor.

Section lines. in Tp. 15 R 2 E.

Clearing on the N.E. Bdy of the Reservation.

chains. no bearing trees near -
 hand. $E\frac{1}{2}$ descending $W\frac{1}{2}$ level.
 Soil. Sandy loam. 1st class.
 Timber - Mesquite - Sage brush.
 and greasewood
 25 ch. dense timber or undergrowth.
 No old corner could be found.

$S. 89^{\circ} 34' W.$ according to original field
 notes. furnished by surveyor general
 On a true line between Secs. 7 & 18.

23.15 Road bears north. to Salt River.

26.25 Road bears N. W. Maricopa Indian Village

31.35 Intersect the N.E. bdy. of the Gila River
 Indian Reservation at a point from
 which the 4 mile Cor. on the Res. bdy.
 bears $S. 40^{\circ} 58' E.$ 7.09 chains. dist.

Set a mesquite post, 3 ft. l. 4×4 ins. sq.
 with quart of charcoal 24 ins. in the
 ground. for marking corner of land.

Section lines in Tp. 15 R 2 E.
Closing on the N.E. body of Reservation.

chains, secs. 7 and 18, marked C.C.T. 15 R 2 E. on

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E-S. 7. on N. and G.R. 1 R. on W. faces.
dug pits crosswise on each line 30 x
24 x 12 ins. N. 40° 58' W. 4 ft dist. 24 x 18 x 12
ins. on E side .7 ft dist. and raised
a mound of earth .5 ft diam at base.
2 1/2 ft hi. 3 ft E of the cor.

Thence across the Reservation on a ^{line} bearing

40.00 point for 1/4 Sec. Cor.

I find no trace of the original cor.

79.82 intersect the W. boundary of Tp.
established by me, at the temp stake
set for pt. for cor to secs. 7-18-12-13.

The original field notes call for 79.09

Chs. for this distance. Therefore I

consider this a proper closing
as the W 1/2 is covered with dense
sage brush, hard level.
Soil. 1st class, sandy loam.

Timber. Mesquite, sage brush.
39 chains dense undergrowth.

Section lines, in T_{p.} 18 R. 2 E.

Closing on the N.E. Body of Reservation.

Lehman. From the corner of Secs. 7-8-17-18

Established by me as described
on page 24, and which is a mesquite
post, I run South, on a true line,
between Secs. 17 + 18 - over level mesa.

5.00 Leave level mesa. enter belt of
scattering mesquite, and uneven
ground.

9.50 An old Will bears E. 33° lbs.

19.55 Road bears S.W. + N.E. not used.

21.20 Road bears N.W. + S.E. well traveled.

36.16 Intersect the N.E. body of the Gila
River Indian Reservation at a point
from which 4 1/2 mile cor. on the Res.
body, bears N. 40° 58' W. 73 lbs dist.

Set a mesquite post 3 ft. h. 4 ins. sq. with
mk. stone and quart of charcoal

24 ins. in the ground. marked
for the closing corner of fractional Secs. 17 + 18.

marked, C.C. T. 18 R. 2 E. on N. side, S. 17 on E.

and G.R.I.R. on the W. face.

28 Section lines in T₁S. R. 2 E.

Coloring on the N.E. Body of the Reservation.

chain dug pits. Crosswise on each line,
30 x 24 x 12 ins. S. 40° 58' E. 4 ft. and
24 x 18 x 12 ins. on N. 7 ft. and raised
a mound of earth 5 ft base. 2 1/2 ft
hi. 3 ft N. of the cor.

Thence across the reservation on
a blank line.

40.00 The point for the ^{falls on the Reservation} 1/4 Sec. Cor. I find
no trace of the original cor. or of
the Woolfly cor.

80.00 The point for cor. of Secs. 17-18-19-20
^{falls on the Reservation.}
I find no trace of the original cor.

The field notes of the Survey of Deputy
Woolfly, furnished me by the Surveyor
general. call for C.C. cor at 55.05
on his line. I find no trace of
it.

Land. uneven.

Soil. Second rate.

Timber. Mesquite. Sage brush.
80 chains dense undergrowth.

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Section lines in Twp. 1 S. R. 2. E.

Closing on the N.E. Body of the Reservation.

From the pt. for cor of Secs. 17-18-19
and 20 - I run on a parallel line
N. $89^{\circ} 46' E.$ across the reservation,
according to the original field notes.

(a blank line.)

40.00 The point for the $\frac{1}{4}$ Sec. Cor.

After diligent search I find no cor.

80.01 The point for the Cor. of Secs. 16-
17-20 and 21, according to the
original field notes furnished
me by the Surveyor general.

After due search I find no cor.
I therefore establish the cor. to
Secs. 16-17-20 and 21 as follows,

Set a blue river boulder $24 \times 8 \times 5$ ins
18 ins in the ground. marked with 3

notches on the S. and 4 notches on
the E. edges. dug pits $18 \times 18 \times 12$ ins
in each sec. $5\frac{1}{2}$ ft dirt, and raised
a mound of earth 4 ft base 2 ft hi.

30 Section lines in Tp. 18, R. 22,

Closing on the N.E. Body of the Reservoir

Chains 3 ft. W. of the Cor. from which

An Ironwood 3 ins diam. bears N. $10^{\circ}05' E$.

230 $\frac{1}{2}$ lbs. marked. T. 18. R. 22. S. 16. B. T.

A. Mesquite 8 ins. diam bears S. $11^{\circ}35' W$. 126 $\frac{1}{4}$ lbs.

marked. T. 18. R. 22. S. 20 - B. T.

75 lbs. E. Main Road. Gila River to Phoenix
around W. end of Mountains bears N. & S.

No other bearing objects near.

I find no trace of the Cor. set by
wolfley.

From this Cor. of Secs. 16-17-20-21,

thus established I run S. $89^{\circ}46' W$.

on a true line, descending mesa.

10.50 M. A. Joy's Store (Trading Post) bears S. 4 ch.

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

17.50 Road bears N. E. & O. W.

40.00 Set a mesquite stake 3 ft l. 3 ins. sq. 24 ins in
the ground. for '14 Sec. Cor. marked. '14 S. 17
to N. - S. 20 on S. dug pits. 18 x 18 x 2 ins.
3 ft E & W of the stake and raised a mound

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Section lines in Tp. 15. R. 2 E -
 Closing on the N.E. Body of the Reservation

chains of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft hi. 3 ft
 N. of the cor. from which -

A. Patoverde 8 ins. diam. brs. N. $69^{\circ}23'E. 169$

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

A. Patoverde 6 ins. diam. brs. S. $65^{\circ}20'E. 303\frac{1}{2}$

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

~~41.42~~
~~41.90~~

Intersect the N.E. Body of the Gila
 River Indian Reservation, at a
 point from which the 5 mile cor
 on the Res. body, brs. N. $40^{\circ}58'W.$
 18.82 ch. dist.

Set a mesquite post. 3 ft. l. 6×6 ins. sq.
 with quart of charcoal 24 ins. in
 the ground. for the Closing corner
 of frac. Secs. 17 and 20. marked: C.C.

T 15. R. 2 E. on the E. Side. S. 17 on N.
 and G. R. I. R. on the W. pass. dug pits
 crosswise of the lines. $30 \times 24 \times 12$ ins. Cor.
 N. $40^{\circ}58'W.$ 4 ft. dist, $24 \times 18 \times 12$ ins. E. 7 ft
 dist. and raised a mound of earth

32 **BOOK 2012** Section lines in T₁S. R. 2 E.

Crossing on the N.E. Side of the Reservations.

Chains 5 ft. base: 2' $\frac{1}{2}$ ft. hr. 3 ft E. of the Cor.
Thence across the reservations on a
blank line.

80.00 The point for the Cor. to Secs 17-18-19-20
hand. Gentle slope to W.

Soil. 1st. Rate.

Timber. Mesquite, Paloverde, Sage
brush, Greasewood, and cactus.

Scattering, dense undergrowth 40%

Oct 30th

From the Cor. of Sec. 16-17-20+21,

I run south on a true line bet. sec 20 & 21

5.70 Road to Trading Post, hrs. E. & W.

10.40 old road.

21.20 Main Road, Trading Post, to Kila Crossing,
bears, S.E.

38.00 small water course (dry). hrs. W. banks
not defined.

44.00 Pt. for the $\frac{1}{4}$ Sec. Cor. find no trace

Section Lines in Sp. 1 S. R 2 E.
Closing on the N.E. Bdy. of Reservations.

Chains of old Cor. or loc set by Woolfley.
Set an Ironwood post 3 ft. l. 4 ins. sq.
24 ins. in the ground. for 1/4 Sec. Cor.
marked 1/4 S. 20 on W and S. 21 on E.

Four dug pits. 18 x 18 x 12 ins. N. & S.
of the post, and raised a mound
of earth. 3 1/2 ft base. 1 1/2 ft hi. 3 ft W.
of the Cor. from which.

An Ironwood. 12 ins. diam. bears N. 13° 20' E. 201.
marked. 1/4 S. B.T.

A Paloverde. 12 ins. diam. bears N. 78° 40' W.
252 Ms. dist. marked. 1/4 S. B.T.

47.71 Intersect the N.E. Bdy of the Kila River
Indian Reservations. at a point from
which the 6 mile cor. on the Res.
bdy. bears N. 40° 58' W. 1.97 chains
dist.

Set a mesquite post .3 ft. l. 4 ins. sq. with
quart of charcoal 24 ins. in the
ground. for Closing Cor. of frac. sec.

34 Section lines in Tp. 1 S. R. 2 E.
Closing on the N.E. Body of the Reservation

chains, 20 + 21, marked. C.C.T. 15 R 2 E on
N. - S. 21 on E. and G.R.I.R. on
W. faces. dug pits crosswise on
each line. $30 \times 24 \times 12$ ins. S. $40^{\circ} 58' E$.
4 ft dist. and $24 \times 18 \times 12$ ins. 7 ft N. and
raised a mound of earth 4 ft base
2 ft h. 3 ft N. of the cor.

Thence across the Reservation on a blank
line.

80.00 The point for the cor. of Secs. 20-21-28 +
29. falls on the Reservation,

I destroy the closing cor. set by Woodfley
which stood E. of N. about 8 chs. distant.
hand, 1st half level. 2nd half ascending.

Soil - " " 1st Class " " 2nd class,
Timpex, Mesquite, Ironwood, Paloverde.

Sagebrush, greasewood, Orig. Cor. Not found

Oct. 31. At. $8^{\text{h}} 00^{\text{m}}$ A.M. L.M.T. I set of $33^{\circ} 19' 15''$
on lat. arc, and $14^{\circ} 08' 22''$ on decl. arc, to nearest min.

and determine the true meridian with the solar
at the point for cor. to Secs. 20-21-28 + 29 and run

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Section lines in T_p:15.R.2E. Closing on the N.E. Boundary of the Res.

Chains East on a random line bet. Secs. 21 & 28, across the Reservation on a blank hill

40.00 Set Temp. 1/4 Sec Cor. No trace of gold bar found.

80.00 The point for cor. of Secs. 21-22-27 and 28. After diligent search I fail to find any trace of original cor.

Set an Ironwood stake, 3 ft. h. 3 ins sq, struck hard pan. and set stake 12 ins in ground and raise instead of stone 3 ft base, 2 ft hi. around the stake, from which

A Paloverde 8 ins. diam. brws. N. 23° 40' E. 46 lbs. Marked. T. 15. R. 2 E. S. 22. B.T.

A Paloverde 10 ins. diam. brws. S. 82° 25' W. 27 lbs. Marked. T 15 R 2 E S 24 B.T.

An Ironwood 6 ins. diam. brws. S. 42° 40' E. 218 lbs. Marked. T 15. R. 2 E S. 27. B.T.

A. Saguaro 2.5 ft hi. brws. N. 7 lbs.

The above stake is marked. T. 15 S 22 on N.E. R. 2 E. S. 27 on S.E. S. 21 on N.W. and S 28 on S.W. faces.

36 **BOOK 2012** Section lines in Twp. 1 S. R. 2 E.
Closing on the N. E. Body of the Reservation

chains. From this cor. to Secs. 21-22-27-28

I run West on a true line, bet. Secs 21-28.

2500 Gulch. 20 lbs w. beans S.W.

2800 Rocky Ridge hrs. W. of S.

40.00 Set a mercury post. 3 ft. l. 4 ins. sq. with deposit
of white quartz, broken, 20 ins in ground.
Ground too hard to dig deeper for the
1/4 Sec. Cor. marked. 1/4 S. 21 on N. and
S. 28 on S. sides, from which.

A. Palomede 12 ins. diam. bears N. 59° 48' E. 122 1/2
marked. 1/4 S. 21 - B.T.

A. Palomede. 8 ins. diam. bears S. 85° 6' E. 107 1/2 lbs
raised a mound of stone 3 ft base. 2 ft
hi. 3 ft. N. pits impracticable.

No other corner found
52.22 Intersect the N. E. Body of the Pits River
Indian Reservation at a point from
which the 6 1/2 mile cor. on the Res. body,
bears N. 40° 58' W. 4.70 ch. dist.

Set an ironwood post. 3 ft. l. 5 ins. dia. with
quart of charcoal. 24 ins in the ground

Section lines, in Tp. 18 R. 2 E.

Closing on the N.E. Bdy of the Reservation.

chains for the Closing Cor. of frac. Secs. 21 & 28.

Marked C.C.T. 18 R. 2 E. S. 21 on N.E. R. 2 E.

Sec. 28 on S.E. G.R. 1 R. on S.W. sides

Its impractical.

Hence across the reservation on a blank
line.

50.00 The point for Cor. of Secs. 20-21-28-29.

Land level and mountainous.

Soil 3rd rate & 4th rate.

Timber - Ironwood, Palovide, greasewood

Sage and other brush, cactus.

W 20 ch. dense undergrowth.

E 60 ch. mountainous.

No trace found of '14 Sec. Cor. or the closing
Cor. set by Woolfley could be found.

The old bdy. Mon. No. 6. of Woolfley Survey was

found already destroyed; see page 48 of

Field Notes N.E. Bdy, G.R. 1 R. & therefrom

conclude these corrs. may also have been

destroyed by the Indians.

38 Section Lines in Tp. 15. R. 2 E.

Closing on the N.E. Body of Reservations

Chains. From the cor. of Secs. 21-22-27-28

I Run South, on a true line bet. Sec. 27 & 28.

Over undulating ground.

40.00 Dry wash, 20 lbs wide, bvs. S.W.

6.50 Dry wash, 1 ch. wide, 10 ft. deep, bvs. S. of W.

40.00. Set Ironwood stake, 3 ft. l., 3 ins. sq., 20 ins. in
the ground. (ground below too hard to dig)
for the $\frac{1}{4}$ Sec. cor., marked. '45. 28 on W.
S. 27 on E. sides, in stony ground, pits
impracticable, from which.

An Ironwood, 8 ins. diam, bvs. $S 57^{\circ} 33' W$, 118 lbs.

Marked. '45. B.T.

A. Palovide, 10 ins. diam, bvs. $N. 61^{\circ} 45' E$, 74 lbs.

Marked. '45. B.T. raised a mound of stones
around the stake to make it firm,
No trace of old cor found.

47.70 Dry wash, 25 lbs wide, bvs. N.W.

53.00 Dry Wash, 20 lbs wide bvs. W,

61.10 Intersect the N.E. Body, of the Kiowa
River Indian Reservations at a point

Section lines in Twp. 15. R. 2E. 2012 39
Closing on the N.E. Bdy. of Reservation.

chains from which the $7\frac{1}{2}$ Mile cor. on the
Res. bdy. brs. N. $40^{\circ}58'20''$ W. 5.48 chs dist.
Sit on Ironwood Post. 3 ft. l. 4 ins sq with
deposit of charcoal. 24 ins. in the ground
for the Closing Cor. of frac. sees. 27 &
28 - Marked. C.C. T. 18. R. 2E. on N-S. 27 on E.
G.R.I.R. on W. faces. dug pits. Crosswires
on each line: $30 \times 24 \times 12$ ins. S. $40^{\circ}58'20''$ E - 4 ft
dist. and $24 \times 18 \times 12$ ins. 7 ft. N. of cor.
and raised a mound of earth 4 ft. base.
2 ft. hi. 3 ft. N. of cor.

Hence across the Reservation on
a blank line.

80.00 The point for the cor. of Secs. 27-28-33
and 34, falls on the Reservation.

I find ^{two} mounds of stone 4 ft at base partly
destroyed. about 3 ch. S. E. and about
5 ch. N. of E. which I completely obliterate.

These monuments have no marks of
identification. No trace of the original govern-

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Section lines in T_p. 18. R. 2 E.

Closing on the N.E. Bdy of the Reservation.

Chainment cor. could be found,
land. Broken & rocky, a
Soil. 4th. rate, rocks, gravel, sand
and loam.

Timber. Ironwood. Paloverde, greasewood
cactus,

Mountainous land. 80 chains.

Note. The first of above monuments, showed frag-
ments of marked stone, probably Bdy. Mon. N.^o 7¹/₂ of Woolfley Survey.

From this point for Cor. of Sec. 27-28-33+
34, I run East across the Reservation
on a blank line.

16.40 Trip point for the intersection of the
N.E. Boundary of G.P.I. Reservation
thence over public land on a
random line.

40.00 The point for $\frac{1}{4}$ Sec. Cor.,
After diligent search I find no. Cor.,
Set a granite stone 18x8x5 ins. - 12 ins
in the ground, for the $\frac{1}{4}$ Sec. Cor., marked

Section Lines in Sp. 18. R 2 E.

Closing on the N.E. Body of the Reservation.

chains. $\frac{1}{4}$ S. on N. side and raised a mound of stone 3 ft base, 2 ft hi. 3 ft n. of the cor. from which.

A Palomede, 6 ins diam. bro. N. $26^{\circ}15'W$. 100 lbs. marked. $\frac{1}{4}$ S 27 B. T.

A Palomede 8 ins diam. bro. S. $56^{\circ}22'E$. 74 lbs. marked. $\frac{1}{4}$ S. 34 B. T. The line East runs into high precipitous mountains.

Run West on a true line, over mountain ridges.

7.50 Rocky Ridge. bro. S.

11.20 Ravine bro. W. 7, S.

14.60 Summit of long, high ridge bro. S. $55'W$ &

23.60 Intersect the N.E. Body of the Gila River Indian Reservation at a point from which the 8 mile cor. on the Res. Body, bears S. $40^{\circ}58'E$. 9.36 chs. dist.

Set an Ironwood post 3 ft. l. 3 ins sq.

12 ins. in the ground. (too hard to dig

42 Section **BOOK 2012** Lines. in Sp. 1 S. R. 2 E.

Closing on the N.E. Bdy. of the Reservation

behaves below) and raised a mound of stone 3 ft base, 2 ft hi. around the post, to make it firm, for the closing cor. of frac. secs. 27 & 34, marked, C.C. T. 1 S. R. 2 E, on E. S. 27 on N. and G. R. 1 R. on W. sides. pits impracticable, this cor stands on north slope of high ridge in rocky ground.

Thence across the reservation on a blank line.

40.00 The point for Cor of Secs. 27-28-33 and 34, falls on the Reservation. Mountainous land 40 chs.

The mountains to the west being precipitous and rocky I deem it the best practice and to insure accurate chaining to reach the Sp. Bdy over more favorable ground around

Section Lines in Twp. 1 S. R. 2 E.
Closing on the N.E. Bdy. of the Reservation line

hains. the mountains. There for I start
from this Point for the cor. of Secs. -
27-28-23-24 just described
and Run South on a true line
across the Reservation, on a
blank line, over a rocky
ridge, and undulating mesa.

40.00 The point for the 1/4 Sec. cor.
No. trace of old cor. found.

80.00 The point for the Cor. of Secs. 33
& 34 on the S. bdy. of Twp. 1 S. R. 2 E.
Cor. falls on the Reservation.

No. old corners found.
Land, mountainous and broken.
Soil, 4th rate, rocky, & gravel.
Timber, Ironwood, Palomide, Greasewood,
and sage brush, cactos.
Mountainous land, 20 chs.
Dense undergrowth & thick locosines
On summit of above noted ridge + 2

Section lines in Tp. 18 R. 2 E.

Closing on the N.E. Boundary of Reservation

chains a ledge of white quartz, cross and
dips. to S.E. Oct. 31. st.

Nov. 1st. at 9 AM. amt. I set off $33^{\circ}17'28''$ on the
lat. arc. and $14^{\circ}29'02''$ on the decl. and to the
nearest min. and derive a true meridian
with the solar at the point for cor. of Sec. 33 + 34.

From this point for cor. of Sec. 33 + 34
I Run East. on the Township Bdy.
on a true line bet. Sec. 34 + 3 -
across the Reservation on a blank line

40.00 The point for the $1/4$ Sec. Cor.

I find no trace of old corners.

80.00 The point for cor. of Sec. 34 + 35 -

3 and 2 - falls on the Reservation.
land. Broken & rocky. - level.

Soil. 1st and 4th Rotten,

Timber. Ironwood, Palomede, Mesquite
quasewood & sagebrush. Cactus.

Dense Timber and undergrowth rock.

Open plain 10 etc -

Section lines in Twp. 1 S. R. 2 E.
 blasing on the N.E. Bdy of the Reservation

chains. After very careful search I find
 no trace of the original corner -
 The cor. for secs 34-35-2+3. set by
 Woolfley, a part. Ec. as described
 in field notes furnished by the surveyor
 general. bears S. $24^{\circ}15'E$. 265 lks. I
 destroy all traces of it, and run
 East across the reservation on
 a blank line, over open plain,
 between secs. 35 and 2.

5.61 Temp. Stake at intersections of the
 Res. Bdy. line.

Thence over Public land on a
 ran down line.

40.00 Temp stake for $\frac{1}{4}$ Sec. Cor

80.00 The point for Cor. of Secs. 35-36-1+2.
 After diligent search I find no corner.
 Therefore to permanently establish this Cor.
 set and ironwood post .3 ft. l. 4 ins. sq. 24 ins
 in the ground for Cor. of Secs. 35-36-1+2

46 Section lines in Tp. 1 S. R. 2 E.
Closing on the N.E. Body of the Reservoir

behain. Marked. T. 1 S. S. 36. on N.E. R. 2 E. S. 1 on
S.E. - T 2 S. S. 2 on S.W. - S. 35. NW. side
dug pits .18x18x12 ins. in each Sec.
5 1/2 ft. dist. and raise mound of
earth .4 ft. base 2 ft. hi. 3 ft. W. of
the cor. from which.

An Ironwood .6 ins diam. brass S. 6° 38' E. 262 lbs.

Marked. T. 2 S. R. 2 E. S. 1. B.T.

An Ironwood .8 ins diam. brass S. 38° 18' W. 486 lbs.

Marked. T. 2 S. R. 2 E. S. 2. B.T.

An Ironwood .8 ins diam. brass N. 8° 17' E. 175 lbs.

Marked. T. 1 S. R. 2 E. Sec. 36. B.T.

hand. level.

Soil. Sandy, loam. 1st rate.

Timber. scattering. Ironwood.

mesquite. palomide. greasewood
and sage brush.

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Section lines in Sp. 1 S. R. 2 E -
 closing on the N.E. Bdy of the Reservation.

Chains Met on a true line, bet. Secs 35 & 2.
 over level ground.

0.25 Dry wash. 2 ft deep. 15 ft wide bro. S.W

40.00 Set a mesquite post. 3 ft l. 4 in. sq.
 24 in. in the ground for the 1/4 Sec. cor.

Marked. 1/4 S. 35 on N. and S. 2 on the
 S. sides, from which

An Ironwood 8 in diam bro. S. 44° 28' E. 224th

Marked. 1/4 S. B.T.

An Ironwood, 6 in diam. bro. N. 70° 06' E. 301th

Marked. 1/4 S. B.T. No. old cor. found.

74.39 Intersect the N.E. Bdy. line of the
 Gila River Indian Reservation.

at the corner established for the
 intersection of above Res. Bdy. and the
 S. Bdy. of T. 1 S. R. 2 E. which is a
 stone 12 x 12 x 6 in. above ground.

Marked and witnessed as described

on Pages 40 and 41 in. Book of Field
 Notes of the survey
 of said boundary, under this same contract.

48. Section lines in T_p. 1 S. R. 2 E.
closing on the Body of Reservation.

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Chained which corner is also the Closing
Cor. of frac. Secs. 35 and 2.
Thence across the reservation on a
blank line.

80.00 The point for cor. of Secs. 34-35-2
& 3, falls on the Reservation.

North between Secs. 34 & 35.

across the reservation on a blank line

6.43 Dump stake for intersection of the Res.
bdy.

Thence over Public land, on a random
line.

40.00 Set a stone 18x8x6 ins. 12 ins. in the
ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S.
on W. side, and raised a mound of
stone 3 ft. base, 2 ft. high, 3 ft. W of the cor.
It is impracticable. This cor. stands
on Northern slope of high ridge.

Section lines, in T₁S. R₂E.
Closing on the Body of Reservation,

Chains No. old cor. found.

The line north runs into high
unsurveyable Mountains.

I therefore run South on a true line,

2.00 Summit of high rocky ridge bet S.W.

11.50 Cross Ridge or Spur from hi ridge.
beav. E. of S.

14.50 Abrupt descent over rocky point.

20.00 Begin descent. A rocky promontory
bet E. & 2 chains.

24.00 Foot of ridge, enter plains.

33.57 Intersect the U. S. Body of the Gila
River Indian Reservation, at a
point from which the 9 mile
Cor. on the Res. Body. beav. N. 40° 54' W
8.12 lks. dist.

Set a Mesquite post, 3 ft. h., 4 ins. sq., with
quart of charcoal. 24 ins in the ground
for the closing cor. of frac. Secs.

34 and 35, marked. C. C. T. 15 R. 1 E. on N

50 **BOOK 2012.** Section lines in Tp. 1 S. R. 2 E.

closing on the N.E. Body of the Reservation.

Chains. S. 35 on E. G. R. I. R. on W. sides.
dug pits crosswise on each line
30 x 24 x 12 ins. S. 40° 58' E. 4 ft dist and
24 x 18 x 12 ins. 7 ft N. and raised
a mound of earth. 4 ft base. 2 ft
hi. 3 ft. N of the cor.

Thence across the reservation,
on a blank line.

40.00 The point for the corner of Sections
34 and 35, - 2 and 3, on the south
boundary of Tp. 1 S. R. 2 E, Gila
and Salt River Meridian.

land. Mountainous and level.
Soil. Rocky & Sandy loam - 4th
rate and 2nd rate.

Firber, Paloverde, Ironwood, Mesquit.

Greasewood, Sage brush and Cactus.

Mountainous land. 24 chains.

level. 16 chains.

Nov. 1st. 1899.

General Description.

The portions of T.S. 1 N & 15. R. 1 E. traversed by lines of this survey are

- 1st. River bottom broken by channels, Islands, sand and gravel bars. the islands so called, being surrounded by water only at hi. water. The permanent flow of water being small. I estimate it to be 2000 miners inches at this time. when not affected by rains in the mountains.

- 2nd. Bench or low land along river banks. 1/2 to 1 mile wide.

Alluvial soil. generally level but broken in places. and also alkali in spots or strips. This land is only productive of agricultural crops. by means of artificial irrigation. Small ditches having already been made by whites and

General Descriptions continued.
Indians.

3rd. Mesa or Table land, generally level, and consisting of sandy loam also productive when under irrigation. In N.E. Cor of T. 15 R. 1 E. And N.W. Cor of T. 15 R. 2 E. lies quite a large body of fine level land, fit for irrigation embracing about 2000 acres out side the Reservation Bdy, 4th. The South Eastern portion of T. 15 R. 2 E. is mountainous and rocky. None of the land being within reach of water or fit for irrigation, and therefore worthless.

The mountains show some vein of quartz, and to the east in R. 3 E. Some mining claims have been located

and extensively worked -

A trading post is located on N. E. $\frac{1}{4}$ of Sec. 20 - T. 15 R. 2 E., conducted by M. A. Soy. He has a well about 60 ft. deep affording excellent water.

There are two settlers on Sec. 1. T. 15. R. 1 E., Dominick Labereth and W. M. Price, and J. J. Cottrell claims the N. $\frac{1}{2}$ N. E. $\frac{1}{4}$ Sec. 2. T. 15 R. 1 E., and S. $\frac{1}{2}$ S. E. $\frac{1}{4}$ Sec. 35. T. 1 N. R. 1 E.,

Herbert R. Patrick
U. S. Deputy Surveyor.

List of Names.

BOOK 2012 35

A List of the Names of the Individuals

employed by Herbert R. Patrick

S. Deputy Surveyor, to assist in running, meas-

ing and marking the lines and corners described

in the foregoing Field Notes of the survey of the

lines of public surveys

closing on North East

Quandary Gila River

Indian Reservations in

Tp's 1 S. R's 1 + 2 E

the Gila and Salt River Base and Meridian, in

the Territory of Arizona, showing the respective

capacities in which they acted.

Alfred J. Hayes Chainman.

Chainman.

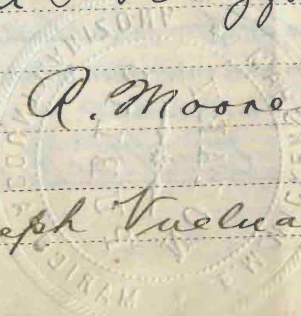
John F. Brizes Chainman.

Chainman.

John R. Moore Axeman.

Axeman.

Joseph Tuelua Flagman.



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BOOK 2012
Final Oath of Assistants.

We hereby certify that we assisted *Herbert*
R. Patrick U. S. Deputy Surveyor, in
surveying all those parts or portions of the *lines*
of public surveys closing
on North East boundary
Gila River Indian Reservation
in Tps 1 S. Rs 1 + 2 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.

Alfred J. Hayes Chainman.

John F. Briggs Chainman.

Chainman.

Chainman.

John R. Moore Axeman.

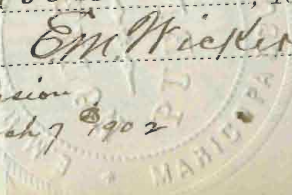
Joseph Kuelna Flagman.

Sworn to and subscribed before me, this

day of *November*, 189*7*.

Em Wickersham
Notary Public.

My Commission
expired *March 7 1902*



Final Oath of U. S. Deputy Surveyor. 57

I, Herbert A. Patrick

U. S. Deputy Surveyor, do solemnly swear that in
~~obedience~~ ^{fulfillance} of a contract received from George A. Johnson,
 United States Surveyor-General for Ari-
 zona, bearing date of the 17 day of
April 1899, I have well, faith-
 fully, 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 lines of public
surveys closing on North
East boundary Gila River
Indian Reservations in
Tp's 1 & 2 R's 1 & 2 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 Sur-
 veyor-General for Arizona, and in the specific

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

BOOK 2012 Herbert R. Pattee
U. S. Deputy Surveyor

Sworn to and subscribed before me this 29th day of

November, 1899

My Commission expires March 7th 1902
E. M. Wicklerph
Notary Public

Herbert R. Pattee
U. S. Deputy Surveyor

Sworn to and subscribed to before me this 6th day of August, A. D. 1900.

W. C. Foster,
Clerk Third Judicial
District Court of Arizona.



U. S. Surveyor-General's Office,
Tucson, Arizona, Oct. 15, 1900.

The foregoing field notes of the survey of *The closing and connecting lines in T. 17 N. R. 1 E. S. 15. R. 1 and 2 E. on N. E. Bdy. of the G. & S. R. B. & M., Arizona,* executed by

H. R. PATRICK, D. S.,

under his contract No. 51, dated April 17, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

George Christ

U. S. Surveyor-General.