

Recd. April 10. 1892

Copies
examined

BOOK 1607 R. 1

Platted - x d.

To Gen. L. D. May 27. 1892.

Survey approved

April 21. 1892

4-671

1607

1607

BOOK 1607

FIELD NOTES

of the
GENERAL LAND OFFICE.

Exteriors Fractional

T5S R7E.

BOOK 1607

By Daniel Drummond U.S. D.S.

UNDER CONTRACT N^o 19.

Dated June 13. 1891.

Survey Commenced. Nov. 26/91.

Survey Completed. Dec. 1. 1891.

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BOOK 1607

(4-674.)

Grant Township S.S. R. 7 East

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Exterions Insect, T. 5 S. R. 7 E.

Survey Commenced Nov. 26, 1891, with a light Mountain transit made by W. & L. E. Gurley Troy N. Y. and provided with a solar Attachment heretofore described

At the Standard Cor. to T. 5 S. R. 7 & 8 E. Established by Dep Sur. Ralph W. Norris in 1869. in Lat. $32^{\circ}56'N$ Long. $111^{\circ}31'W$. I observe Polaris at its Upper Culmination at $8.56.\overset{x}{m}.\overset{s}{30}$ P.M. Nov. 26. 1891. local mean solar time. by my watch which is correct.

I find the magnetic bearing of the Star to be

Exteriors Fract. 7.5. S. R. 7. E.

N $12^{\circ}56'W$.

N end of needle $12^{\circ}56'E$

The Va is $12^{\circ}56'$ East.

I mark the true Meridian
so determined by driving a
picket 5 chains North

On the morning of Nov.
27. 1891. I verify the
adjustments of the solar
apparatus. by reference
to the true meridian
determined last night.
and find them correct.

Extensive Fractional T. 5 S. R. 7 E

Chambers

Preliminary to the Subdivision of this Tp. I find it is necessary to resurvey the Exterior lines of same as follows

1st The retracement of the 1st Standard parallel South from the Standard Cor. to Tps 5 S. R. 7 & 8 E (Ingalls, 1868) westerly to the Stand. Cor. to Secs 31 & 32. Tp 5 S R 7 E. in order to comply with instructions from the Surveyor General, and Manual of Surveying Instructions in running the lines of the Northern boundaries of Secs 32, 33, 34 & 35 and 36. parallel to the said 1st Standard Parallel South

2^d. I find it necessary to resurvey the Eastern boundary of this Tp. for the reason that the original

Resurveyed

Exterior Fractional T. 5 S. R. 7 E.

Chains

Cor. posts are decayed and missing and only faint traces of pits and mounds remain and it will require a resurvey to determine the exact position of the pits and mounds, so faint are the traces of them

3^d. I find it also necessary to resurvey the northern bdy of this Tp. westerly from the cor to Tps 4 and 5 S. - R's 7 & 8 E to the point of intersection of the line bet Secs 1 and 2 Tps 5 S. R. 7 E. for the reason that the original Cor. posts are missing

4th. I find it also necessary to resurvey the line bet Secs 28, 32 - 29 & 30 - 19 & 20 - 17 & 18 of Fractional Tp 5 S. R. 7 E. for the reason; there are no traces

Exterior Fractional T. 5 S. R. 7 E

Chains

or evidence of any corners having ever been established thereon

The Re-survey and Re-tracement of said Exterior lines of T. 5 S. R. 7 E are absolutely necessary for the proper closing and connection of the Subdivision lines within Township.

Nov 27th 1891 at 7 a. m.

I commence at the Stand. Cor to Tps 5. S. - R's 7 & 8 E which is a post firmly set and properly marked as described in the Field Notes, furnished by the Surveyor General, and first established by Dep. Surv^r Ralph W. Norris in 1869.

Thence I run North on a random line bet said Ranges 7 & 8 E. Var. $12^{\circ} 56' E$.

Resurveyed

Exterior Fractional T. 5 S. R. 7 E

 $\frac{1}{2}$ mile

I set temp. $\frac{1}{2}$ mile and mile
 cors. at each 40 and 80 chs, and
 at 480 chs I make diligent search
 for the cor. to Tp. 4 N. S. - R's 7 & 8 E
 but without success as a number
 of Indian houses are built and
 occupied by Indian residents
 which are in close proximity to
 the cor. of said Tp.

I now continue the random
 line North 80 chs where I find
 the Cor. to Secs 25. 30. 31 & 36
 Tp. 4. N. R's 7 & 8 E, bearing N 89° W
 2.35 chs dist.

Thence I run South on a random
 line, Var. $12^{\circ} 56' E$, from the
 cor. to Secs 25. 30. 31 & 36 Tp. 4 S.
 R's 7 & 8 E bet Secs 31 & 36 and
 at 40 chs I find the 1/4 Sec. Cor.

Exteriors Tractural T. 5 S. R. 7 E
 Chaus

and at 80 chs I find the point
 built upon by the Indians.

I now run a random line
 West. Var $12^{\circ}56'$ E and at 40 chs
 I find pits and mound for $\frac{1}{4}$
 Sec Cor. and at 80.00 chs I find
 pits and mound for Cor to
 Secs 1, 2, 35 & 36 Tps 4 & 5 S. R. 7 E.

bearing South 25 ths dist. but
 no trace of original Sec. Cor. post.
 wherefor I reestablish the Sec. Cor.

by setting a post 4 ft long 4 ins
 square with marked stone
 12 ins in the ground marked

T. 4 S. R. 7 E S. 36 on NE and

S. 35 on NW. faces

with 1 notch on E and 5 notches
 on W. edges, and renew pits
 in Secs 35 & 36.

Resurveyed

Exterior Tract Survey T. 5 S. R. 7 E.

Chems

As the falling is 25 lks north
per mile, the true line will be
N 89° 49' E. I now run

N 89° 49' E on a true line on
the S. bdy of Sec 36

Var. 12° 56' E.

30.70 Wagon road from Casa Grande to Gila River
course N E & S W.

40.00 Set a post 4 ft long 4 ins square
with marked at one 12 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S. on N. face, dug pits 18 x 18
x 12 ins E & W. of post 5 $\frac{1}{2}$ ft dist
and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post
No traces of original $\frac{1}{4}$ Sec Cor
post to be found, pits & mound
barely discernible.

80.00 Indian's house - true cor of $\frac{1}{2}$ p

Exterior Fractional T. 5 S. R. 7 E

Chairs

82.00

I establish a Witness cor. for Tps
4 & 5 S., R 7 & 8 E at a point 480 chs
due North from the Standard Cor
to Tps 5 S. R's 7 & 8 E (Norris' cor 1869)

by setting a post $4\frac{1}{2}$ ft long 4 in
square 24 in in the ground, for
Witness Cor to Tps 4 & 5 S. R's 7 & 8 E marked

T. 4 S. S. 31 on N E

R. 8 E - S 6 W on S E

T. 5 S. S. 36 on S. W and

R 7 E. S 36 W on N W. faces, with 6
notches on each edge, from which

A mesquite 30 in diam bears
N. $6^{\circ} 30' W.$ 3.82 chs dist. marked T. 5 S
R 7 E. S 36 B. T. W. C.

A mesquite 12 in diam bears N 36°
 $52' W.$ 3.64 chs dist marked T. 5 S.
R 7 E. S. 36 B. T. W. C.

A mesquite 6 in diam bears

Re-surveyed

Extensior Fractional T. 5 S. R. 7 E

bears

N. $78^{\circ}15'E$. 1.98 chs dist marked
T. 4 S. R. 8 E. S. 31. B. F. W. C.

A mesquite 10 ins in diam. bears
S. $20^{\circ}45'W$. 3.19 chs. marked
T. 5 S. R. 7 E S. 1. B. F. W. C.

The NE cor. of an Indian house
bears S. $65^{\circ}50'W$. 2.44 chs dist

The NE cor. of an Indian house
bears S. $77^{\circ}30'W$. 1.73 chs dist

The NE cor. of an Indian house
bears N. $79^{\circ}10'E$. — 150 lks dist.

I find the Tp line to be 6 miles
long and the falling to be 2.04 chains
East of the true position of the
cor. to Tps 4 & 5 S. R. 7 & 8 E.

The correction for the true line
will therefore be 33 lks West
per mile and its corrected
course will be S. $0^{\circ}14'E$.

Nov. 27. 1891

Exteriors Fraternal T.S. R. 7 E

Chains

From the Witness Cor to Tps
4 & 5 S. R's 7 & 8 E just established
I run $S 0^{\circ} 14' E$ on an offset
line. Var. $12^{\circ} 56' E$, 5.00 chs. to a
point. Thence I run $S. 89^{\circ} 49' W.$
Var. $12^{\circ} 56' E$ - 2 chs. to the true
line bet R's 7 & 8, 5.00 chs $S. 0^{\circ} 14' E$
from the true cor of Tps. 4 & 5 S.
R's 7 & 8 E. Thence I run on
a true line on

W. bdy of Sec. 6

Var. $12^{\circ} 56' E$

Over level ground.

- 20.00 Enter dense mesquite brush course $S 4 W$
40.00 Set a post 4 ft long 4 ins square with
marked stone 12 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4} S.$ on
E. side dug pits $78 \times 18 \times 12$ ins N & S
of cor $5 \frac{1}{2}$ ft dia. and raised a mound

Resurveyed

Exteriors Fractional T. 5 S. R. 7 E.

Chairs

of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

Found no trace of old $\frac{1}{4}$ Sec Cor post, only pits and mound.

80.00 Set a post 4 ft long 4 ins approx with marked at 12 ins. in the ground for cor to Secs 6 & 7 marked
T. 5 S. S. 6 on NE

R. 8 E S 7 on SE faces with 1 notch on N and 5 notches on S edges, dug pits $18 \times 18 \times 12$ ins in each Sec $5\frac{1}{2}$ ft diam. and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base around post.

Found no traces of original post, old pits and mound nearly obliterated.

Land level,

Soil, sandy loam 1st rate

Timber, dense, mesquite brush.

Exterior Fractional T. 5 S. R. 7 E. - Cont'd

S $0^{\circ}14'E$ on a true line of
W. bd'y of Sec 7
Var. $12^{\circ}56'E$.

Over level ground.

40.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S. on E side, dug pits 18x18x12
ins N & S of post $5\frac{1}{2}$ ft dist and
raised a mound of earth $1\frac{1}{2}$ ft
high $3\frac{1}{2}$ ft base around post.

Found no trace of original $\frac{1}{4}$ Sec
Cor. post, pits and mounds barely
discernible.

80.00 Set a post 4 ft long 4 ins square
24 ins in the ground for cor
to Secs 7 & 18 marked

T. 5 S. S. 7 on NE and
R & E. S. 18 on SE faces, with

Re-surveyed.

Extensive Fractional T. 5 S. R. 7 E. - cont^d

2 notches on N and 4 notches
on S. edges, from which

A mesquite tree 20 ins. diam bears
N 18° E 103 lks dist. marked T. 5 S
R 8 E. S. 7 B. F.

A mesquite tree 10 ins. diam. bears
S. 33° 30' W. 17 lks dist. marked
T. 5 S. R 8 E. S. 7 & 18 B. F.

No other trees within limits

Found no trace of original post,
pits and mound nearly obliterated

Land level

Soil, sandy loam 1st rate

Timber, dense mesquite brush.

Exterior Fractional T. 5 S. R. 7 E.
 Chain

S. $0^{\circ} 14' E$ on a true line on
 W. bd'y of Sec 18
 Var. $12^{\circ} 56' E$.

Over level ground.

- 17.00 Wood road, course NE & SW.
 20.00 Set a post 4 ft long 4 ins square
 with marked stone 12 ins in
 the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S. on E side, dug pits $18 \times 18 \times 12$
 ins N & S of post $5\frac{1}{2}$ ft dist.
 and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
 post.

Found only traces of pits and
 mound, none of original $\frac{1}{4}$ Sec
 Cor. post.

- 80.00 Set a post 4 ft long 24 ins in the
 ground for cor to Secs 18 & 19
 marked T. 5 S. S. 18 on NE and

Re-surveyed

Exterior Fractional T. 5 S. R. 7 E.

Cham

R. 8 E. S. 19 on S. E. face, with
3 notches on N. & S. edges from which
A mesquite 12 ins diam bears S. 85° E.
124 lks dist. marked T. 5 S. R. 8 E. S. 19 B. T.

A mesquite 8 ins. diam bears N. 71° E.
243 lks dist marked T. 5 S. R. 8 E. S. 18 B. T.

A mesquite 6 ins. diam bears S. 34° W.
77 lks dist. marked T. 5 S. R. 8 E. S. 18 & 19 B. T.

The N. E. cor. of James Phelps' field
bears N. 7° W. 10.93 lks dist.

Found old post, marks all
obliterated pits and mound
barely discernible

Land level

Soil, sandy loam 1st rate

Timber dense mesquite and
bush.

15
Reassigned

Exterior Fractional T. 5 S. R. 7 E

Chas. us.

S. $0^{\circ}14'$ E on a true line on
W. bd'y of Sec 19
Var $12^{\circ}56'$ E

Over level ground.

6.70 Leave dense mesquite bush.

46.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ S. on E side, dug pits 18 x 18
x 12 ins N & S of post $5\frac{1}{2}$ ft dia
and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft beam around post.
Found marks on original $\frac{1}{4}$ sec
cor post all obliterated pits and
mounds barely discernible.

56.00 Wood road course E & W.

80.00 Set a post 4 ft long 4 ins
square with marked stone
12 ins in the ground for cor

Resurveyed

Exterior Fractional T. 5 S. R. 7 E -

Chains

to Secs 19 & 30 marked.

T. 5 S. R. 19 on NE and
R 8 E S. 30 on SE faces, with
4 notches on N and 2 notches
on S. edges, dug pits 18x18x12
ins in each Sec 5 1/2 ft dist
and raised a mound of earth
2 ft high 4 1/2 ft base around post.

Found no original cor. post.
only pits and mounds nearly leveled.
Land level

Soil sandy loam 1st rate

Timber, dense mesquite brush
at North end.

Exteriors Fractional T. 5 S. R. 7 E.

S. $0^{\circ}14'$ E on a true line on
W. bd'y of Sec 30
Var $12^{\circ}56'$ E

Over-level ground

31.00 Stage road from Florence to
Casa Grande course E & W.

40.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on E. side, dug pits 18×18
 $\times 12$ ins N & S. of post $5\frac{1}{2}$ ft
dist and raised a mound of
earth $1\frac{1}{2}$ ft high $23\frac{1}{2}$ ft base around
post

Found no post, original pits
and mound nearly obliterated.

64.00 Telegraph line from Florence
to Casa Grande course S W
and N E.

Resurveyed.

Exterior Fractional T.S. R 7 E.

80.00 Set a post 4 ft long 4 ins square
with marked at one 12 ins in the
ground for cor to Sec 30 & 31
marked F. 5 S. L. 30 on N 6.
and R 8 E. L. 31 on S E faces
with 5 notches on N and 1 notch
on S. edges, dug pits 18 X 18 X 12
ins in each Sec. 5 1/2 ft dist
and raised a mound of earth
2 ft high 4 1/2 ft base around post
Found original post, but
rotten and marks, pits and
mound hardly to be distinguished
Land, level
Soil, sandy loam 1st rate
Timber, scattering mesquite

Re-surveyed.

Exterior's Fractional T. 5 S. R. 7 E.

S. $0^{\circ}14' E$ on a true line on
W. bd'y of Sec 31
Var $12^{\circ}56' E$.

Over level ground.

12.00 Enter dense mesquite brush.

40.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in
the ground per $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ S. on E. side, dug pits 18x18
x 12 ins N & S of post $5\frac{1}{2}$ ft dia
and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

80.00 The Standard cor to Tps 5 S. R. 8 E
Land level

Soil sandy loam

Timber, dense mesquite brush.

Nov 28th 1891

20

Blank

Extensive Fractional T⁵S. R. 7E.
 Chamo

From the Stand Cor to Tps 5 S.
 R's 7 & 8 E. (Norris) I now run
 S. 49° W. on a true line. Var 12° 56'
 E. 52.03 chs to the Standard Cor.
 to Tps 5 S. R's 7 & 8 E. as originally
 established by U. S. Dep Survey^r G. P.
 Ingalls in 1868, which is a post
 firmly set and properly marked
 as described in the Field-Notes
 furnished by the Surveyor General.

From said Standard Cor.
 I run a random line West
 Var. 12° 56' E. and at 79.90 chs
 I find the Stand Cor. to Secs
 35 & 36 bears N. 52° W., at
 159.71 chs the Stand Cor. to Secs
 34 & 35 bears N. 117° W., at
 239.71 chs, the Stand Cor. to
 Secs 33 & 34 bears N. 137° W.

Retraced

Exterior Fractional T. 5. S. R. 7 E.

Chambers

at 319.61 chs. the Stand Cor. to
 Secs 32 & 33 bears N. 216 Ws, and
 at 399.71 chs the cor. to Secs 31 & 32
 bears N. 152 Ws. At this point
 I find no post but the pits and
 mound are plainly visible. I
 reestablish the cor. by setting
 a post 4 ft long 4 ins square
 with marked stem 12 ins in the
 ground for Stand Cor. to Secs
 31 & 32 marked

S. C. P. 5 S. R. 7 E on N.

S. 32 on E and

S. 31 on W. faces

with 5 notches on E and 1 notch
 on W. faces, dug pits 18 x 18 x 12
 ins N. E & W. of post 5 1/2 ft dist
 and raised a mound of earth
 2 ft high 4 1/2 ft base around post

Retraced

Exterior Fractional T. 5 S. R. 7 E
 Chain

From the established Standard
 Cor. to Secs 31 & 32 T. 5 S. R. 7 E
 I retrace the First Standard
 Parallel South as it actually exists
 upon the ground on the South
 boundaries of Secs 32, 33, 34, 35
 and 36. I run

N. $89^{\circ} 33' E$ on a true line
 on S. bdy of Sec 32

Var. $12^{\circ} 56' E$.

- 80.10 The Standard Cor. to Secs 32 & 33
 a post firmly set and properly
 marked as described in the Field
 Notes furnished by the Surveyor General

Thence I run

S $89^{\circ} 26' E$ on a true line on
 S. bdy of Sec 33.

Var. $12^{\circ} 56' E$

Retraced.

Exterior Fractional T.S. R 7 E.

Chains

79.90 The Stand Cor to Secs 33 & 34
a post firmly set and properly
marked as described in the
Field Notes furnished by the
Surveyor General.

X
Thence Run

S. $89^{\circ}51'E$ on a true line on
S. bd'y of Sec 34.

Var. $12^{\circ}56'E$

80.00 The Standard Cor to Secs 34
& 35 a post firmly set and
properly marked as described
in the Field Notes furnished
by the Surveyor General.

Thence Run

S. $89^{\circ}32'E$ on a true line
on S. bd'y of Sec 35.

Exterior Fractional T. 5 S. R. 7 E.
 Chain

Var $12^{\circ}56'E$.

- 79.81 The Standard Cor. to Secs 35 & 36,
 a post firmly set and properly
 marked as described in the
 Field Notes furnished by the
 Surveyor General.

Thence I run

S. $89^{\circ}38'E$. on a true line on

S. bd'y of Sec 36

Var $12^{\circ}56'E$.

- 79.90 The Standard Cor. to Tps 5 S.
 R's 7 & 8 E.

Nov 30th 1891

At the Standard Cor. to
 Secs. 31 and 32 T^p. 5. S. R. 7. E.
 in Lat $32^{\circ}56' N.$ Long.
 $111^{\circ}37' W.$ I observe
 Polaris at its upper
 Culmination at $8^{\text{h}}41^{\text{m}}$ P.M.
 Nov. 30. 1891. by my
 watch which is adjusted
 to local mean solar time
 I find the magnetic
 bearing of the Star to be
 $N 12^{\circ}56' W.$ -

North end of the needle $12^{\circ}56' E$
 The Va. is $12^{\circ}56' East.$

I mark the true meridian
 so determined by driving a
 picket 5 chains North. of Cor

Resurveyed

Extensive Fractional S. 5 S. R. 7 E.

Chams

I now return to the Standard bar
to Secs 31 & 32 on the South side
of the Township which is a post
recently re-established and
hereintofore described

Thence I run

N. $0^{\circ}1' E$ bet Secs 31 & 32

Var. $12^{\circ}56' E$

Over nearly level land

2.70 Wagon road from Casa Grande
to Florence corner NE & SW.

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

Find no trace of original $\frac{1}{4}$ Sec. Cor.

Resurveyed

Extremities Fractional T. S. S. R 7 E

Chanis

N. 0° 1' E bet Secs 29 & 30

Var 12° 56' E.

Over nearly level ground

5.00 Enter bottom

25.00 Mark 10 lks wide course SW.

40.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S.
on W face, dug pits 18 X 18 X 12 ins
N & S of post 5 $\frac{1}{2}$ ft dia and
raised a mound of earth 1 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base around post

79.50 Mark 30 lks wide, course SW.

80.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in
the ground for cor to Secs 19.20
29 & 30 marked

T. S. S. 20 on NE

R 7 E S. 29 on SE

Exterior Fractional T. 5 S. R. 7 E

Chains

I 30 on SW and

I 19 on NW faces, with 2
notches on I and 5 notches on
E. edges, dug pits 18 x 18 x 12 in
in each Sec. 5 1/2 ft dist. and raised
a mound of earth 2 ft high
4 1/2 ft base around post.

Found no trace of original
Sec cor.

Land nearly level
Soil, gravelly, 2d. rate
Timber, scattering pale woods

Extensive Tracterial T.S. S. R7E.

Chains.

N. 0' 1' E bet Secs 19 & 20

Dir 12° 56' E

Over broken ground.

5.00 Wash 10 lbs wide, course S.W.

25.10 Leave mesa and ascend

40.00 Set a granite stone 15 x 10 x 5 ins
10 ins in the ground for $\frac{1}{4}$.Sec cor. marked $\frac{1}{4}$ on W. face
and raised a mound of stone
1½ ft high at base along side.

Pits impracticable

47.83 Enter bottom of mesa

80.00 Set a post 4 ft long 4 ins square
with marked stone 12 ins in the
ground for cor to Secs 17, 18, 19
& 20 marked

T.S. S. 17 on NE

R7E. S. 20 on SE

S 19 on SW and

Resurvey of

Estero's Fractional T. 5 S. R. 7 E

Chains.

S. 18 on NW. face, with 3 notches
on S and 5 notches on E edges
dry pits 18x18x12 ins in each Sec.
5 1/2 ft dist. and raised a mound
of earth 2 ft high 4 1/2 ft base
around post.

Found no trace of original
Sec cor.

Land broken

Soil, gravelly 2^d rate

Timber, scattering Palo verde.

Reurveyed.

Extensive Fracture at T. S. L. R. 76.

Chains

N. 0° 1' E. bet Secs 17 & 18

Var 12° 56' E

Over broken ground

40.00 Set a granite stone 20 x 8 x 4 ins
15 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on W. face
and raised a mound of stone
 $1\frac{1}{2}$ ft high 2 ft base alongside.

Pits: impracticable.

Found no trace of original
 $\frac{1}{4}$ Sec cor.

52.30 Leave mesa and ascend

80.00 Set a granite stone 24 x 10 x 4
ins 18 ins in the ground for
cor to Secs 7, 8, 17 & 18 marked
with 4 notches on S and 5 notches
on E edges, and raised a
mound of stone $1\frac{1}{2}$ ft high
2 ft base alongside. Pits in

Revised.

~~Exterior fractional T. 5 S. R 7 E.~~

Main

impracticable

Found no trace of original

Sec. Cor.

Land broken

Soil, rocky 3d rate

Timber, Palo verde.

Dec 1st 1891

Latitudes Departures

LINE DESIGNATED AS,	TRUE BEARING,	DISTANCE, Chains,
S. BOUNDARY.	average N 89° 47' W	399.71
W "	N 0° 1' E	320.
N "	average S 89° 49' E	320.02
W " Sec. 1	N 0° 3' E	193.10
N " " 1	N 89° 49' E	116.62
E "	S 0° 14' E	480.
S.W. " Sec. 36.	S 49° 0' W	52.03
CONVERGENCY:		

TOTALS.

ERRORS IN LATITUDES AND DEPARTURES

Exteriors Fractional T.S.S. R.7.E.

and Closing Errors.

LATITUDES.		DEPARTURES.	
N.	S.	E.	W.
1.52			399.71
320.00		.09	
	1.01	320.02	
193.10		.16	
.35		116.62	
	480.00	2.00	
	34.14		39.26
		50	
514.97	515.15	439.39	438.97
	514.97	438.97	
	.18	.42	

Surveyor-General's Office,

TUCSON, A. T. *May 26* 1882

The foregoing Field Notes of the Surveys of
the Extremes of Fractional
T. 5 S. R. 7 E

..... Gila and Salt River Meridian
 in *Arizona* executed by

Daniel Drummond

U. S. Deputy Surveyor, under his contract dated

June 13th 1891

..... having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

R. Wallace Johnson

U. S. Surveyor-General
 for the Territory of Arizona.