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May 3 - 1892 1

Sent to G. L. & 11/19/92

No. 1918 BOOK 1018

Survey approved.

Feby 28. 1893.

See Sec 33. T. 8. N. R. 1 W.

4-671 Hot Springs

FIELD NOTES BOOK 1018

GENERAL LAND OFFICE

= of the =

Subdivisions

of Tps' 7 & 8 N. R. 1 W.

by Francis B. Jacobs, U.S.D.S.

Under Contract 17 dated

May 25. 1891

Survey commenced Sept 22. 1891

" completed Sept 30. 1891

1018

BOOK 1018

1711. 77. 7. 23

Preliminary Oaths of Assistants.

We Robert J. Shelton
 and James F. Wainwright
 do solemnly swear that we will well and faithfully execute
 the duties of Chain Carriers; that we will level the chain over
 even and uneven ground, and plumb the tally pins, either by
 sticking or dropping the same; that we will report the true dis-
 tance to all notable objects, and the true length 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
South-Met & North Boundary, and
Subdivisional lines of Township
No 7 North Range No 1 West

of the principal base and meridian in the Territory of Arizona.

Robert J. Shelton Chainman.
James F. Wainwright Chainman.

Subscribed and sworn before me, this 14th

day of September 1891

Francis B. Jacobs
 U.S. Deputy Surveyor ~~Notary Public~~

I
He

Marion E Jacobs

do solemnly swear that we will well and truly perform the
the duties of Surveyor

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 South. West & North
Boundary and the Subdivisions
lines of Township no 7
North Range no 1 West

of the principal base and meridian in the Territory of Arizona.

Marion E. Jacobs

Subscribed and sworn to before me this 14
day of September 1881

Francis B Jacobs
US Deputy Surveyor Notary Public.

Field Notes
of the Survey of the
Subdivision Lines
of
Township No 7 North Range No 1
West
of the
Gila and Salt River
Meridian
Territory of Arizona

As surveyed by
Francis B. Jacobs
U. S. Deputy Surveyor
Under his contract No 17
Dated May 25 1891

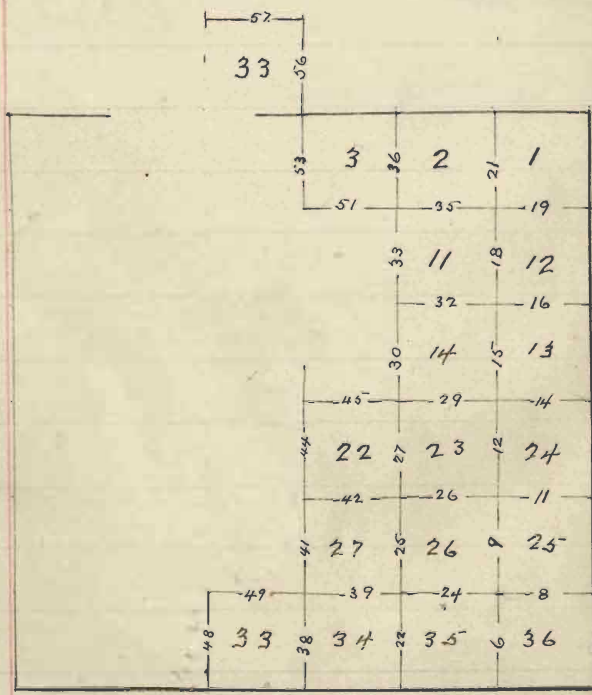
Survey commenced September 22nd 1891
Survey completed September 30th 1891

Names and Duties of
 Assistants
 Robert J. Shelton Chairman
 James F. Manscott Chairman
 Marion E. Jacobs Flagman

BOOK 1018

Index.

Township No. 7 N Range No. 1 W.



Subdivisions T7 N. R21 W

Chaus

Survey Commenced
September 27th 1891 with a
Gurley Mountain Transit with
a Rust solar attachment.

Preliminary to commencing
the subdivision of this Township
I go to the Cor of T's. 6 and 7
N. R's 1 E. and 1 W which is a
Malpais stone set and marked
as described in the Field
Notes furnished by the
Surveyor General.

I set my Transit over the center
of the Cor. and at 9 A. M.
take the bearing of the line
established by me Sept 16th 1891
and find the magnetic bearing to
be $N 13^{\circ} 52' N$. Subtract $2''$ for
diurnal change which gives

Subdivisions T7 N. R17 W

chains

the var $13^{\circ}50'E$ as before.

From the Township cor. I
run North on East boundary
of sec. 36

Var $13^{\circ}50'E$

at 40.00 chs. I find the $\frac{1}{4}$ sec
cor. on my line at 80.00 chs

I could find no sec. cor
it having been set on a
bluff of rock, and there being
indications that a portion
of the bluff had fallen and
carried the cor. with it.

I build temporary cor.
and continue thence
North along the East boundary
of sec 75

Var $13^{\circ}50'E$

Subdivisions T7 N. R1 W

Chaus

at 40.00 I find the $\frac{1}{4}$ sec. cor. which is a Malpais stone set and marked as described in the field notes furnished by the Surveyor General.

I return to temporary cor. on top of bluff of rock 60 ft high and set Malpais stone 20x10x8 ins. in mound of stone for cor. to Secs 25-30-31 and 36

Marked with 1 notch on S and 5 on N sides and raised mound of stone 2 ft high 4 ft base along side.

Pits impracticable.

I return to the S.E. cor of the township and run Thence West along the South boundary

Subdivisions T7N-R1W

chains

of Sec 36

Var $13^{\circ} 50' E$

at 40.00 Chs. I find the $\frac{1}{4}$ sec.
cor on my line and at
80.00 the cor to Secs
35 and 36

The true course of the South
boundary ^{to 36} is therefore as stated
above

I Commence at the cor. to
Secs 1-2-35 and 36. on the
South boundary of the Township
and run thence
No $^{\circ}$ West Secs 35 and 36.

Var $13^{\circ} 50' E$

over broken hilly country

40.00 set Malpais stone 16x10x8 ins
8 ins in the ground for $\frac{1}{4}$ sec

Subdivisions T7N-R1W

chains

Cor. marked $\frac{1}{4}$ on W side and
 raised mound of stone $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base along side
 Pits impracticable

41-80 Wash 1 ch. wide. course S 70° E

71-80 very rocky wash course S. E.

72-70 Ascend brown bluff 70 ft high

80-00 set Granite stone $30 \times 16 \times 10$ ins.

27 ins in the ground for cor to
 sec 25-26-35 and 36. marked
 with 1 notch on S and E. edge

and raised mound of stone 2 ft
 high $3\frac{1}{2}$ ft base along side
 Pits impracticable

Land Broken and rocky

Soil 4th rate

Vegetation Practi

Subdivisions T7N R1W

chains

East on a random line
bet secs 25 and 36.

7-00 Var 13° 58' E

40-00 set temporary 1/4 sec. cor,

79-92 Intersection the Meridian
at the cor to Secs 25-30-31

and 36. Place
Nest on a true line bet. secs
25 and 36

Var 13-58' E

Descend road bluff 60 ft high

00-20 Bottom of road bluff

3-50 Castle Creek course S. E.

39-96 set Granite Stone 16x10x8 ins
18 ins. in the ground for 1/4 sec
cor marked 1/4 on N face and
raised Mound of stone 1 1/2 ft
high. 3 1/2 ft base. alongside
Pits impracticable

Subdivisions T7N. R1W

chains

Ascend

61-00 Top of ridge br N and S

Descend

67-00 Gulch course N. E. - Ascend

77-00 Top of rock ridge br S E. and N. W.

79.92 Cor. to Secs. 25-26-35 and 36

Land rough and hilly

Soil 4th rate

Vegetation Cat Claw and Cacti

September 27th 1891N^o-1st W bet Secs. 25 and 26

Var 13° 50' E

Ascend

5.00 Top of ridge br. S 70° E and N 70° W

Descend

79.50 Wash course S. E

30.00 Concrete bluff 15 ft high. - Ascend

40.00 set Granite stone 16x14x12 ins.

Subdivisions T7 N - T8. E.

chains

16 ins in the ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ on W side.

and raised mound of stone 2 ft
 high 3 $\frac{1}{2}$ ft base along side
 Pits impracticable

Thence cor broken country

80.00 Set Granite stone 24 x 12 x 10
 ins. 16 ins. in the ground for cor.
 to Secs 23-24-25 and 26
 Marked with 2 notches on S and
 1 notch on E edges. and
 raised mound of stone 2 ft high
 3 ft base along side
 Pits impracticable
 Land very broken
 Soil 4th rate
 No Timber

Subdivisions T⁷ N - R¹ W

chains

East on a random line bet seas
24 and 25

Var $13^{\circ} 50' E$

40.00 Set temporary $\frac{1}{4}$ sec cor

79.96 Intersect the Meridian 17 cks

S of the cor. to Secs. 19-24-25 and 30

Thence S $89^{\circ} 55' W$ on a true line bet
secs. 24 and 25

Var. $13^{\circ} 50' E$

8.40 Prescott and Phoenix Jole road
Road on N. and S.

37.00 Descend Concrete hill

39.00 Basalt Creek Course S $75^{\circ} E$ No water

39.98 Set blue Granite stone $18 \times 10 \times 10$ ins.

17 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N side. as this cor.
is in the creek bottom I raised
Mound of stone 2 ft high 4 ft base
against South side and cor stone

Subdivisions T⁷N-R1W

chains

- Pits impracticable
- 41-00 Base of concrete bluff 30 ft high
- 41-75 Top of bluff brs S. E. and N. W.
- 56-00 Gulch Course S 60° E
- 79-96 Cor to Secs 23-24-25 and 26
- Land broken and hilly
- Soil 4th rate
- Wo timber— Willow and Mesquite
- Bush along the creek

No 1' W bet Secs 23 and 24.

Var 13° 50' E

- 4-00 Top of low ridge brs S. E and N. W.
- 22-30 Dry Wash 1 ch. wide Course S. E.
- 34-20 Castle Creek Course S. E.
- 40-00 Set Granite Boulder 18x10x10 ins.
- 12 ins. in the ground for 1/4 sec
- cor. marked 1/4 on W side. and
- raised mound of stone 2 ft

Subdivisions T. 7 N. R. 1 W.

chains

high. 4 ft base against South side and over the stone.

From which a (X) on Rock bluff
 on East 67. lks. dist marked
 1/4. B. S. below (X)

Pits impracticable

43.50 Road to Hot Springs on S.E. and N.W.

52.00 Leave Castle Creek bottom Ascend

80.00 Set Malpais stone 16 x 10 x 8 ins

8 ins in the ground for cor to Secs

13-14-23 and 24 Marked with

3 notches on S. and 1 notch on E. edges

and raised mound of stone 1 1/2 ft high

2 ft base along side. Pits impracticable

Land broken and hilly

Soil 4th rate

No Timber - Willow and Mesquite

undergrowth along Castle Creek

Subdivisions T7 N - R1 W

chains

- East on random line bet
Sec 13 and 24
Var $13^{\circ} 50' E$
- 40-00 Set temporary $\frac{1}{4}$ Sec cor
80-12 Intersect the Meridian at
the cor to secs. 13-18-14 and 24
Thence West on a true line
bet. Secs. 13 and 24
Var $13^{\circ} 50' E$
- 23-60 Prescott and Phoenix Tole
Road brs $S 70^{\circ} E$ and $N 20^{\circ} W$
- 37-00 Descend
- 39-00 French Creek 70 acs. wide Course
South. - no water
- 40-06 Set Red Sand stone $7\frac{1}{2} \times 18 \times 14$ ins
16 ins in the ground for $\frac{1}{4}$ Sec
cor. marked $\frac{1}{4}$ on N side and
raised mound of stone 2 ft
high 4 ft base along side

Subdivisions T7N R1W

chains

- Pits impracticable
- 53-00 Road Dr N10°E and S10°W
- 62-00 Leaver Valley
- 80-02 Cor to sees 13-14 23- and 24
 12 Land broken and hilly
 Soil 2nd and 4th rate
 No timber - Willow undergrowth
 along French Creek
-
- No: 1W bet sees 13 and 14
 Var 13°50' E
- 40-00 Set Malpais Stone 18x14x10 ins
 in mound of stone 1 ft high 2 ft base
 (ground to rocky to admit stone)
 for 1/4 sec cor marked 1/4 on W side
 and raised mound of stone 1 1/2 ft
 high 3 ft base along side
 Pits impracticable
- 73-00 Gulch Course E.

Subdivisions S7N-R1W

Chains

80.00 Set sand stone $24 \times 16 \times 6$ ins
 16 ins in the ground for cor. to
 Secs 11-12-13 and 14 marked
 with 4 notches on S and 1 notch
 on E edges and raised
 mound of stone 2 ft high to
 3 ft base along side.
 Pits impracticable
 Land broken and hilly
 Sec 4th rate
 No timber

East on a random line bet
 Secs 12 and 13

Var. $13^{\circ} 50' E$

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

80.18 Intersect the Meridian 12 rods
 S of cor to Secs 7-12-13 and 18
 Thence $S 87^{\circ} 55' W$ on a true

Subdivisions T7N-R1W

chain

line bet sees 12 and 13

Var $13^{\circ} 50' E$ 15.20 Prescott and Phoenix Jole Road
brs N and S.

20.00 Descend

29.00 Bottom of descent

40.09 Sit Malpais stone $16 \times 8 \times 6$ ins14 ins in the ground for $\frac{1}{4}$ cormarked $\frac{1}{4}$ on N side and raised

mound of stone 2 ft high 3 ft base

along side. Pits impracticable.

41.30 Road. brs N and S.

51.00 French Creek 120 ft wide

course S. Small spring of

brakish water 2 chs. north

52.25 bottom of bluff 30 ft high
ascend

52.40 Top of bluff brs N and S

80.18 Cor to sees 11-12-13 and 14

Subdivisions T7N-R1W

chains

Land broken and hilly
Soil 3rd and 4th rate.

Not timber. Mesquite and Willow
undergrowth in French Creek
bottom

September 23rd 1891

No. 1st bet Sec. 11 and 12

Var 13° 50' E

- 40.00 Set sandstone $4 \times 10 \times 4$ ins
16 ins in the ground for $\frac{1}{4}$ sec
cor. Marked $\frac{1}{4}$ on W side and
raised mound of stone 7 ft
high 3 ft base along side
Pits impracticable
- 80.00 Set Malpais stone $20 \times 6 \times 5$ ins
in mound of stone $1\frac{1}{2}$ ft high
2 ft base (found too rocky to admit stone.)
for cor to Secs 1-7-11 and 12

Subdivisions T7N-R1W

chains

Marked with 5 notches on S and
 1 notch on E edges and
 raised mound of stone 2ft high
 3ft base along side Pits impracticable
 Land broken and hilly
 Soil 4th rate
 No Timber

East on a random line
 bet secs 1 and 12

Var $13^{\circ}50' E$

40.00 at temporary $1/4$ sec. cor.

80.72 Intersect the Meridian at 20.00

S of the cor to secs. 1-6-7 and 12

Thence $S 89^{\circ}51' W$ on a true
 line bet secs 1 and 12

Var. $13^{\circ}50' E$

24.78 Prescott and Phoenix Tole road
 br N. and S.

Subdivisions T7N-R1W

chains

33.00

Descend

40-11

Bottom of Descent.

Set Granite Boulder 24 x 14 x 10. ins.

10 ins in the ground (rock prevented sitting deeper) for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N side and raised mound of stone 2 ft high. $3\frac{1}{2}$ ft base along side and around stone

Pits impracticable

45-20 Wire fence br N. and S.

46-15 Road br N. and S.

50-35 Wire fence br N. and S.
New House br S 10° E 6 chs

52-30 French Creek Course S 15° E

80-22 Cor to Secs 1-2-11 and 12

Land broken

Soil 2nd and 4th rate

Mesquite and Willow under brush

Subdivisions T7N - R1W.

chains

No 1' W on a random line bet
secs 1 and 2

Var $13^{\circ}50'E$

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

80.45 Intersect the north boundary
of Township at 25 chs W of cor
to secs 1-2-35 and 36-

Thence $S^{\circ}10'W$ on a true line
bet secs 1 and 2

Var $13^{\circ}50'E$

25.40 Gulch Course E. 3 large cotton-
wood trees and spring of clear
water bet ch. E.

40.45 set Malpais stone $16 \times 12 \times 6$ ins.

118 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on W side and raised
mound of stone 2ft high 3ft base
along side pits impracticable

65.00 Gulch Course E.

Subdivisions T7N-R1W

chains

a spring of strong alkaly
water 3 chs up the gulch

80.45

Cor to Secs 1-2-11 and 12

Land rough.

Soil 4th rate

Timber very few cottonwoods
in the gulches. Thorny
brush and Cacti

From the Cor. to Secs. 2-3-
34 and 35 on the South
boundary of the Township
I run.

No. 1' N bet Secs 34 and 35
Var 13° 50' E

40-00

Set Malpais stone 24 x 20 x 16 ins
in mound of stone 1 1/2 ft high
4 ft base (ground to rocky & solid
stone) for 1/4 sec cor marked

Subdivisions T7 N. - R. 1 W.

chains	
	1/4 on N side Pits impracticable
40.50	Wash course E. and spring of good clear water. Ascend
55.00	Top of ridge 400 ft high br S. E. and N. W. Descend
65.00	Wash 60 lks wide course S 65° E
80.00	Set Granite stone 24 x 8 x 6 ins 16 ins. in the ground for cor to Crs 26-27-34 and 35 Marked with 1 notch on S and 2 notches on E edges and raised mound of stone 2 ft high 3 1/2 ft base along side Pits impracticable. Land rough and rocky Soil 4 th rate No timber

East on a random line
bet Crs 26 and 35

Subdivisions T7N-R1W

chain

var $13^{\circ}50' E$ 40.00 set temporary $\frac{1}{4}$ sec. cor.80-70 Intersect Naud S line at
cor to secs 25-26-35 and 36
Thence West on a true line
bet secs 26 and 35var $13^{\circ}50' E$

27.00 Ascend

40-10 set Granite stone $48 \times 18 \times 6$ ins
in a mound of stone $2\frac{1}{2}$ ft high
5 ft base. (ground to rocky to adjacent
stone) for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. side. Pits unpracticable45.00 Summit of S. E end of ^a granite
ridge 600 ft high bet N. W

54.00 Bottom of ridge

80.20 cor to Secs 26-27-34 and 35
Land very rough and rocky
Soil 4th rate

Subdivisions T7 N R1 W

chains

No timber

September 24th 1891

No^o 1' N bet sec 26 and 27
Var 13° 50' E

- 15-00 Ascend
- 26-00 Top of rocky ridge 500 ft high
brs S E and N. W.
- 38-00 Top of spur from ridge. Descend
- 40-00 Set Granite stone 28x8x6 ins
10 ins in the ground (rock prevented
setting deeper) for 1/4 Sec. cor.
Marked 1/4 on W. side and
raised mound of stone 1 1/2 ft
high 3 ft base around stone
Its impracticable
- 58-50 Wash course N. E.
- 73-00 Wash 30 lks wide course E.
- 80-00 Set Malpais stone 16x12x8 ins

Subdivisions T7N-TN1W

chain

11 ins in the ground for cor to
Secs 22-23-26 and 27

marked with 2 notches on S and
E edges and raised

mound of stone 2 ft high 3 ft
base. Pits impracticable

Land very rough and rocky

Soil 4th rate

No timber

Each on a random line
but Secs 23 and 26

Var $13^{\circ} 58' E$

40.00 set temporary $\frac{1}{4}$ sec cor

79.82 Intersect N and S line at

18 lks S of cor to Secs 23-24
25 and 26

Thence S $89.52' W$ on true
line but Secs 23 and 26

Subdivisions T7N R1W

chains

Var $13^{\circ} 38' E$

over rough broken country

29.91 Set Malpais Stone $18 \times 14 \times 10$ ins
 12 ins in the ground for $\frac{1}{4}$ sec
 cor. marked $\frac{1}{4}$ on N side.

and raised mound of stone
 2 ft high 3 ft base along side
 Pits impracticable

79.82 cor to Secs 22-23-26 and 27

Land rough broken and rocky
 Soil 4th rate

No Timber

No. 1st W bet Secs 22 and 23
 Var $13^{\circ} 50' E$

Ascend

9.00 Top of ridge bet E. and W.
 Descend

40.00 Set Lime Stone $24 \times 12 \times 10$ ins

Subdivisions T7 N R 1 W

chains

- 16 ins in the ground for $1/4$ sec.
 cor marked $1/4$ on W side
 and raised mound of stone
 2 ft high 3 ft base on a
 rock in place 5' E of W of
 cor. Pits impracticable
- 44-00 Wash 100' wide Course
 S70° E
- 46-00 Concrete bluff ascend
- 46-20 Top of bluff 25 ft high
- 75-00 Top of ridge brs S.E. and N.W.
- 80-00 Set Malpais stone 30x12x2 ins
 in a mound of stone 2 ft high. $3\frac{1}{2}$
 ft base - (ground to rocky to adjust
 stone) for cor to Secs 14-15-22
 and 23. Marked with 3.
 notches on S and 2 notches on E
 edges. Pits impracticable
 Land rough and rocky

Subdivisions T7 N - T4 1 N

chains

Sec 4 & 14
no timber

East on a random line
bet secs 14 and 23

Var $13^{\circ} 50' E$

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

80.20 Intersect N and S line at 13

secs N of cor to secs 13-14-23 and 24

Thence $N 89^{\circ} 54' W$ on a true line

bet secs 14 and 23

Var $13^{\circ} 50' E$

26.00 Castle Creek course $S 20^{\circ} W$

40-10 set Malpais stone $20 \times 20 \times 14$ ins in
a mound of stone $1\frac{1}{2}$ ft high.

$3\frac{1}{2}$ ft base (ground to rock, to admit
stone) for $\frac{1}{4}$ sec cor marked

$\frac{1}{4}$ on N side

Pits impracticable

Subdivisions T72-R17W

chains

- 51-75 Wash 30 m's wide Course S. E
 80-20 cor to secs 14-15-22 and 23
 Land broken and rocky
 Soil 4th rate
 No timber Small willows
 and Mesquite along Castle
 Creek
-

70° 1' W but secs 14 and 15
 var 13° 50' E

- 2-00 Gulch Course E. Ascend
 17-00 Top of ridge on S. E. and N. W.
 26-00 bottom of ridge
 40-00 set Malpais stone 7 1/2 x 14 x 10 ins
 16 ins. in the ground for 1/4 sec
 cor marked 1/4 on N. side
 and raised mound of stone 2 ft
 high 3 ft base along side
 Pits impracticable

Subdivisions T7N R1W

chains

Ascend

- 51-00 Top of Malpais Knoll - Descend
- 64-70 Gulch Course E. a Spring
of good clear water and
small grove of cottonwoods
25 lks. E of line
- 77-00 Gulch Course E.
- 80-00 Set Granite stone 16 x 12 x 6 ins
8 ins in the ground for cor to
Secs 10-11-14 and 15 - Marked
with 4 notches on S and 2 notches
on E. edges and raised
mound of stone 2 ft high 3 ft
base alongside Pits impracticable
Land hilly and rocky
Soil 4th rate
Timber scattering cottonwood
in gulches
-

Subdivisions T7N-R1W

chains

East on a random line
 bet secs. 11 and 14
 Var $13^{\circ} 50' E$

40-00 set temporary $\frac{1}{4}$ sec cor

80-16 Intersect N and S line at the
 cor. to secs 11-12-13 and 14
 Thence West on a true line
 bet secs. 11 and 14
 Var $13^{\circ} 50' E$

Ascent

11.00 Top of ridge 20 ft high bet N and S
 Descend

40-08 Set Malpais stone 20x14x6 ins
 14 ins. in the ground for $\frac{1}{4}$ Sec. cor.
 Marked $\frac{1}{4}$ on N face and
 raised mound of stone 2 ft high
 3 ft base along side Pits impracticable
 Descend steep gravel bluff
 40 ft high

Subdivisions S. 7 N. - R. 1 W

Chains	
41-00	Bottom of bluff Dripping springs brs S. 2 chs.
49-75	Road to Hot Springs brs N and S
50-50	Castle Creek 75 lks wide course S.
80-16	cont to secs 10-11-14 and 15 Land broken Soil 4 th rate Timber Willow and mesquite along the creeks September 25 th 1891

No. 1 'W. bet secs 10 and 11
Var 13° 58' E

19-00	Descend steep hill
22-00	Gulch course East. Ascend white sandstone bluff
24-00	Top of bluff 100 ft high
40-00	Set Malpais stone 36x20x12 ins

Subdivisions T7 N - R 1 W
shuns

in a mound of stone 2 ft high
4 ft base. (ground to rocky to
admit stone) for $\frac{1}{4}$ sec. cor.

Marked $\frac{1}{4}$ on N side

Pits impracticable.

49.00 Castle Creek bottom

52.20 Road b/w S E. and N. W.

53.00 Castle Creek 1 ch. wide

Course S. E

55.00 Ascend

77.50 Top of ridge. Descend

79.00 Gulch. Course N Ascend

80.00 Set Malpais stone 24 x 16 x 12 ins

16 ins. in the ground for cor. to

Secs. 2-3-10-and 11 Marked

with 5 notches on the S and 2

notches on E edges. and

raised mound of stone 2 ft

high 3 ft base along side

Subdivisions T⁷ N. R1W

chains

Pits impracticable
 Land broken and hilly
 Soil 4th rate
 Timber Willow and mesquite
 along castle creek

East on a random line
 bet secs 2 and 11

Var $13^{\circ}58' E$

40-00 set temporary $\frac{1}{4}$ sec. cor.
 79-84 Intersect N and S. line 20 chs
 N of cor to Secs 1-7-11 and 12
 Thence $N 89^{\circ}57' W$ on a true
 line bet secs 2 and 11

Var $13^{\circ}50' E$

Ascend

39-92 set Granite stone $2\frac{1}{2} \times 20 \times 16$ ins
 16 ins in the ground for $\frac{1}{4}$ sec.
 Cor marked $\frac{1}{4}$ on N side

Subdivisions T. 7 N. R. 1 W.

chains

and raised mound of stone
2 ft high 3 ft base alongside
Pits impracticable

45.00 Top of ridge 350 ft high
br N and S

53.00 Descend

79.84 cor to secs 2-3-10 and 11

Land hilly and rocky
Oil 4th rate
No timber

N. 1° W on a random line
bet secs 2 and 3.

Var 13°-58' E

40- set temporary 1/4 sec cor

80.58 Intersect the N. boundary of
the township at 22 chs N. of the
cor to secs 2-3-34 and 35

Thence S 0° 8' W on a tree

Subdivisions T7N R1W

chance

line bet secs 2 and 3
var 13° 50' E

Ascend

3.00 Summit of knoll 600 ft high
Descend

21.00 Bottom of hill

40.50 set Granite stone 16x14x10 ins.
11 ins in the ground for 1/4 sec
cor. marked 1/4 on W side
and raised mound of stone
2 ft high 3 ft base along side
Dits impracticable

55.00 Gulch Course W.

Ascend black malpais bluff

57.00 Top of bluff on E and W

80.50 cor to secs 1-2-11 and 12 (?)

Land very hilly 7, 3, 10 + 11

Soil 4th rate

No timber

Subdivisions T7N-R1W

chain

From the cor. to secs 3-4
33 and 34 on the South
boundary of the Township
I run

N $0^{\circ}2'N$ but secs 33 and 34
var $13^{\circ}50' E$

3-00 Top of hills Descend

16-00 Wash. course $N75^{\circ} E$

Ascend

40-00 Set Malpais stone $16 \times 12 \times 10$ ins

1' ins. in the ground for $\frac{1}{4}$ sec
cor. Marked $\frac{1}{4}$ on W side

and raised mound of stone
2 ft high 3 ft base along side
Pits impracticable

41-00 Top of ridge 300 ft high Dr
 E and W . Descend

55.00 Wash Course E .

Ascend

Subdivisions T7N R1W

chains

- 64.00 Top of ridge \cos $S60^{\circ}E$ and $N60^{\circ}W$
 78.15 Wash with water in. Course $S75^{\circ}E$
 80.00 set Granite stone $16 \times 14 \times 12$ ins

11 ins in the ground for cor

to Secs 27-28-33 and 34
 named with 1 notch on S and 1 on E edges
 and raised mound of stone $2\frac{1}{2}$
 ft high $3\frac{1}{2}$ ft base along side

Pits impracticable

Land hilly

Soil 4th rate

Timber Willow. Hackberry and
 Cottonwood along the Washes

East on a random line

bet Secs 27 and 34

var $13^{\circ}50' E$

- 40.00 set temporary 14 Sec. cor
 79-78 Intersect N and S line at
 the cor to Secs 26-27-34 and 35

Subdivisions S 77 N - R 1 W

chains

Thence West on a true line
bet sees 27 and 34
Var $13^{\circ} 50' E$

37.88 Ravine course S. E.

Ascend

39.89 Set Malpais stone $20 \times 12 \times 8$ ins

14 ins. in the ground for $\frac{1}{4}$ sec
cor marked $\frac{1}{4}$ on N side and
raised mound of stone 7 ft
high 3 ft base along side
Rite impracticable

41.00 Top of ascent

60.00 Enter wash course S $80^{\circ} E$

62.50 Leave wash on same side

79.88 cor to sees 27-28-33 and 34

Land broken and rocky
Soil 4th rate

no timber, Palo verde brush

September 26th 1891

Subdivisions T7N R1W

On main

No° 2' W bet Secs 27. and 28

Var 13.50' E

Ascend

4.50 Top of ridge on S.E. and N.W.

16-00 Quech cause S. E

ascend

36-00 top of low ridge. Descend

40-00 Set Malpais stone 18x14x8 ins

1/2 ins in the ground for 1/4

Rec cor Marked 1/4 on N side

and raised mound of stone

2 ft high 3 ft base along side

Pits unpracticable

46-00 Wash 40 lbs N side cause S. E

ascend granite mountain

56-00 Top of mountain 800 ft high

Descend

80-00 Set granite stone 18x18x16 ins

6 ins in the ground (rock)

Subdivisions T7N R1W

chain

(prevented setting deeper) for cor
to Secs 21-22-27 and 28

Marked with 2 notches on S and
3 notches on E Edges and
raised mound ^{of stone} 2 1/2 ft high
4 ft base along side

Pits unpracticable

Land very rough

Soil + th rate

No Timber

East on a random line

but Secs 22 and 27

Var $13^{\circ} 50'$ E

40.00 Set temporary 1/4 sec cor

79.85 Intersect the N and S line

20 exs S of cor to Secs 22-23

26 and 27.

Thence S $89^{\circ} 51'$ W on a true

Subdivisions T7N. R1W

chains

line bet sect 22 and 27
var $13^{\circ} 50' E$

ascend

39.93

Set Malpais stone $36 \times 18 \times 10$ ins
10 ins in the ground. (rock
prevented ^{at first} deeper) for $\frac{1}{4}$ sec
cor marked $\frac{1}{4}$ on N side
and raised mound $1\frac{1}{2}$
ft high 4 ft base around
stone. Pits impracticable
a spring from which a
small stream flows E
brs $N 13^{\circ} 00' W$ 5 chs. dist

79.85

Cor to Sects 21-22-27 and 28.

Land hilly

Soil 4th rate

W Timber. - Chinguepin and
Palo Verde brush.

Subdivisions T. 7 N. R. 1 W.

chain

No. 2' W bet secs 21 and 22

Var 13-50' E

descend

40-00 Red Gray Granite stone 18x12x8
 ins 12 ins in the ground for 1/4
 sec cor marked 1/4 on W side
 and raised mound 1/2 ft high
 2' ft base along side
 Ralph Bonners dwelling
 house brs S 67° 00' E 5 chs
 dist. With small vineyard
 and Orchard N and S W of
 house, and Irrigating ditch
 running from Spring
 S E. of house.

73-00 Wash 40 exs wide course E.

73-50 ascend

80-00 Top of ridge 15 ft above Wash
 brs E and W

Subdivisions T7N R1W

chains

set Malpais stone 16x14x10

8 ins in the ground for cor to
 sec 15-16-21 and 22. Marked
 with 3 notches on the S and E
 edges. and raised mound
 of stone 1 1/2 ft high 2 1/2 ft
 base along side

Pits impracticable

Land very broken

Soil 4th and 2nd rate
 no timber.

East on a random line bet
 Secs 15 and 22

Var 13° 30' E

40.00 set temporary 1/4 sec cor

79.60 Intersect N and S line
 at cor to Secs 14-15-22 and 23

Thence West on a true line

Subdivisions T4N-R1W

Chassis

bet sees 15 and 22

Var $13^{\circ} 50' E$

Ascend

39.20 Mountain Trail brs $S 70^{\circ} E$ 39.85 Set Malpais stone $24 \times 12 \times 8$ ins0 loc in the ground (rock prevented cutting deeper) for $1/4$ sec cor marked $1/4$ on N sideand raised mound of stone 2 ft high - $3 1/2$ ft base against S side of stone Pts unpracticable

39.95 Recross Mountain Trail

brs $S 80^{\circ} W$. Descend

56.00 Bottom of hill

61.00 Deep wash 150 yds wide course

 $S 60^{\circ} 00' E$

63.00 Ascend

79.60 cor to Secs 15-16-21 and 22

Land very broken

Subdivisions T7N R1W

chain

Soil 4th rateTimber. Cottonwood along
the washes.

To the North and West
of this cor. the country
is very mountainous.
The mountains being
almost perpendicular
and from 1000 to 1500 ft
high. therefore I discontinue
the line at the cor to sees
15-16-21 and 22. and
return to the South
boundary of the Township

Subdivisions T7 N R1 W

chains

From the cor to Secs
4-5-32 and 33 on the South
boundary of the Township

I run

No 2' W bet Secs 32 and 33

Var $13^{\circ}50' E$

Ascend

45.00 Set Malpais stone $14 \times 12 \times 6$ ins
7 ins in the ground for 1/4 sec
cor marked 1/4 on N side
and raised mound of stone
1 1/2 ft high 2 ft base along side
fits unpracticable

55.00 Top of ridge bet S.E. and N.W.
Descend

80.00 Set Lime stone $24 \times 10 \times 6$ ins.
10 ins in the ground for cor to Secs
28-29-32 and 33 (ground too rocky
to set deeper) marked with

Subdivisions 27N R1W

chains

1 notch on S and 4 notches on E
edges and raised mound
of stone $1\frac{1}{2}$ ft high $2\frac{1}{2}$ ft
base along side

Pits impracticable

Land hilly

Soil 2 and 4th rate

No timber

East on a random
line bet secs 28 and 33

Var $13^{\circ} 50'$ E

40-00 set temporary $\frac{1}{4}$ sec cor

80-08 Intersect N and S line at
the cor. to secs 27-28-33
and 34

Thence West on true line
bet secs 28 and 33

Var $13^{\circ} 50'$ E

Subdivisions T7 N R 1 W

chains	
19-00	Enter Wash Course S 80° E Thence up wash
30-00	Spring of clear water and Grove of Hackberry Trees
35-	Leave Wash
38-00	Recross Wash
40-04	Set Lime stone 18x10x8 ins 12 ins in the ground for 1/4 sec cor Marked 1/4 on N side and raised mound of stone 2 ft high 3 1/2 ft base alongside Pits unpracticable
49-00	Recross Wash.
60-00	Recross Wash Ascend
76-00	Top of ridge bet N. and S.
80	Descend
80-08	Cor to Secs 28-29-32 and 33 Land hilly Soil 4 th rate

Subdivisions T7N R1 W

chains

Timber Hackberry and
Willow along the creek

As the country North and
West is mountainous
and the land worthless

I think that under my
contract the subdivision
should not be continued
farther over this portion
of the Township

September 27th 1891

From the cor to Secs
2-3-10 and 11

I run West on a true
line bet Secs 3 and 10

Var $13^{\circ}50'$ E

Decend

Subdivision T7N R1W

chains

- 23-00 Wash 50 lns wide Course S
- 35-00 Castle Creek Course S. E. no water
- 38-50 Road bn S. E. and N. W.
- 40-01 Set Granite Boulder 30x18x16
in a mound of stone (Ground
to rocky to admit stone) for $\frac{1}{4}$
Sec cor marked $\frac{1}{4}$ on N side
and raised mound of stone
3 ft high 5 ft base against
S side of stone. Pits impracticable
- 44-00 White bluffed 10 ft high on N and S
Ascend. E. slope of high
mountain
- 80-00 Set Malpais ^{stone} 16x12x6 ins
8 ins in the ground for cor
to Secs 3-4-9 and 10
marked with 5 notches on S
and 3 on E edges and
raised mound of stone

Subdivisions T7N R1W

chains

2 ft high 3 ft base along side

Pts impracticable

Land mountainous

Soil 4th rate

Timber Cottonwood

Willow and Mesquite

along Castle Creek

N^o 2' W on a random
line but sees 3 and 4

var 13° 50' E

40-00 At temporary 1/4 sec cor.

80-47 Intersect the north boundary of the
township at the cor. to sees

3-4-33- and 34.

Thence S^o 2' E on a true line

but sees 3 and 4

var 13° 50' E

Descend

Subdivisions T₇ N. R 1 W

chains

7.50 Holland and Company's Hotel
brs West 4 chs dist
Stable brs S 85° W 3 chs dist
With lots, kennels, chicken houses
and other out buildings

4047 Set Malpais stone 24 x 6 x 4 ins
16 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on W side and raised
mound of stone 2 ft high 3 ft
base alongside. Pits impracticable

47.60 Coate Creek cause S. E.

49.00 Ascend

8047 Cor to Secs 3-4-9 and 90

Land hilly

Soil 3rd and 4th rate

Timber Cottonwood and Willows along
the bras.

September 29th 1891

All of these lines run over ^{and} Mountains.

Subdivisions T7 N R1 W

Chairs

The remainder of this Township is mountainous and very rocky containing no agricultural land and in my opinion should not be subdivided.

General Description

The subdivided portion of this township is almost entirely rough rocky and barren (save for the abundant growth of cacti and kindred plants) and contains very little agricultural land.

The land along French creek would be very productive if water could be had for irrigation. The high water has washed away all of the

Soil along Castle Creek
and left only sand and
gravel

Leaside Creek affords abundance
of water furnished by numerous
springs along its course
the principal one being the
Hot Springs on Sec 34-T8N
R7W which is quite a
natural curiosity.

along Castle Creek and
other places where there is water
there are Cottonwood and
Willow Trees

I think that every variety of
Cacti known grows on this
Township the "Sicant" being
very prominent.

There is on latter each.

on Dec. 12 and 22. and
a ~~lot~~ on the N.E. 1/4 of Sec

4.

Francis B Jacobs
U.S. Deputy Surveyor

Lines of Sec. 33, T. 8 N. R. 1 W

chains

I think it advisable to survey sec 33, T. 8 N. R. 1 W and make a report on the Hot Springs located on this sec.

Therefore I began at the cor to sec 3-4-33 and 34 and run $N 0^{\circ} 2' W$ bet secs 33 and 34

Var $13^{\circ} 5' E$

8.00 Castle Creek Hot Springs br W.

75 lbs dist. (See report Page 61)

9.00 Gulch - course S. W.

37.00 Same gulch course S. $10^{\circ} E$

40.00 Set granite stone $30 \times 18 \times 10$ in in a mound of stone (ground too rocky to admit stone) for $1/4$ sec cor marked $1/4$ on W side and raised mound of stone 2 ft high 4 ft base around stone. Pits infracticable.

Lines of Sec 33 T8N R1W

chains

48-60 Recross gulch course S 10° W
Ascend.

60-00 Top of point of ridge facing S

80-00 Set granite stone 18x16x10 in 12
in in the ground for cor to sec
27-28-32³ and 34. Marked
with 1 notch on S and 3 notches
on E edges and raised mound
of stone 2½ ft high 3½ ft base
alongside. Pits - in practicable.
Land very hilly and rocky
Soil 4th rate
No timber.

As the cor to sec. 4-5-32 and 33
could not be established because
of the extreme roughness of the coun-
try from the cor to sec 27-28-32 and
34 - I will start on a true line bet.

58 60

BOOK 1018

Lines of Sec 33. T8N R1W

chain

secs 28 and 33

Var $13^{\circ} 55' E$.

Descend.

21.00 Gulch course S.W. Ascend.

34.00 Top of ridge br. N. E and S.W.

40.00 Set a granite stone $16 \times 14 \times 12$ in
8 in in the ground for $\frac{1}{4}$ sec cor
Marked $\frac{1}{4}$ in. side and raised
mound of stone 2 ft high 3 ft base
along side. Pits in practicable

70.00 Mark 40 ch wide course $S 65^{\circ} W$.

Ascend

80.00 Summit of yellow knoll 150 ft high
Set a granite stone raised
with mica $16 \times 10 \times 6$ in 8 in in
the ground for cor to secs 28-29
32 and 33 Marked with 1
notch on the S. and 4 notches
on the E edges raised mound

Lines of Sec. 33. T 8 N R 1 W

Chain

of stone 2 ft high 3 ft base
along side. Pk. infracticable
Land mountainous
Soil 4th rate.
No timber.

S. 0° 3' E bet sec 32 and 33
Var 13° 58' E

Descend

- 9.00 Wash 50 lbs wide course S 60° W.
21-30 Castle Creek - Stream 18 lbs wide
course S. E.
31-00 Spring clear cold water br E
20 lbs dist.
41-00 Set Malfair stone 20 x 12 x 6 in
14 in in the ground for 1/4 sec cor.
Marked 1/4 on W side. and raised
ground of stone 2 1/2 ft high 3 1/2 ft
base alongside. Pk. infracticable.

As there are two or three
canyons running into Castle
Creek bet. this cor. and the
Township line with perpendicular
walls rising from four
to six hundred feet high it
is impracticable to continue
the line farther.

September 30th 1891.

These lines run over mountainous
land.

General Description.

The land in this sec. is
very rough. No timber.
There is one settler on the
A. M. 1/4

Description of Hot Springs.

Situated on S.E. $\frac{1}{4}$ of sec 32
T. 8 N. R. 1 W.

The spring is in a gulch with
stone walls 15 ft high on the E.
N. and W. out of which out of
which and about 10 ft from
the base gushes the water
in three large streams.

The N. stream has a tempera-
ture of 119° Fahrenheit and
yields about 2 inches of water.

The N.W. or middle stream
has a temperature of 122° and
yields 3 inches of water.

The W. stream has a tempera-
ture of 119° and yields 4 in.
of water. While the hot water
trickles down all around the

62

64

bluff. There is a pool at the base of the rock 30 ft long 12 ft wide, 5 ft deep. The water in which has an average temperature of 115°. The water is very pleasant to drink both hot and cold - having a fine iron taste. Its chemical properties are not known.

Francis B. Jacobs

U. S. Deputy Surveyor

September 3rd 1871

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U. S. Surveyor-General's Office,

TUCSON, A. T., Nov 16 1892

The foregoing Field Notes of the Surveys of
Subdivisions

Tr 7 & 8 N. R. 1. W

Of the Gila and Salt River Meridian
in Arizona executed by

Francis B. Jacobs

U. S. Deputy Surveyor, under his contract dated

May 25th 1891

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

Raphael Johnson

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

List of Names.



A List of the Names of Individuals employed by
Francis B Jacobs U. S. deputy
 surveyor, to assist in running, measuring, or marking the lines
 and corners described in the foregoing Field Notes of the survey
 of *the Boundary and subdivision lines*
of Township 7 N. R. 1 W. and
the lines of section 33
T. 8 N. R. 1 W.

Showing the respective capacities in which they acted.

- Robert J. Nelson* Chainman.
- James F. Muscott* Chainman.
- _____ Axeman.
- Marion E. Jacobs* Flagman.



Final Oath of Assistants.

We hereby certify that we assisted Francis B Jacobs U. S. Deputy Surveyor, in surveying all those parts or portions of Boundary and Subdivisional lines of Township No 7 north Range 1 msk and the lines of section no 33 Township no 8 N Range no 1 msk

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.

Robert J. Shelton Chairman.

James T. Baird Chairman.

Marion E. [unclear] Chairman.

Sworn to and subscribed before me, this 2nd day of October, 1891.

Geo J. Hawkins
Notary Public

Final Oath of Deputy Surveyor.

1, *Francis B. Jacobs*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from *Royal A. Johnson* ~~John Wasson~~, United States Surveyor-General for Arizona, bearing date the *8th*

day of *July* 18*81*, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of

Township No 7. North
Range No 1 West

Tila and Salt River Meridian

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 Surveying Manual, printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the

69. BOOK 113
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

Francis B. Jacobs

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 3rd day of

June, 1892



J. J. Hawkins
Notary Public

There was no Notary Public
or other Officer qualified
to administer oath near
where this Survey was made
and I could not reach an
officer without the loss of too
much time therefore I had
to administer the oaths
myself

Francis B Jacobs
US Deputy Surveyor