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June 6 1892

No. 1

BOOK 1084

No. 1084

Survey approved

July 28 1893

No. 1084

4-671

BOOK 1084

1084

FIELD NOTES

~~GENERAL LAND OFFICE~~

of the

Subdivisions

of Twp. 21 N. R. 17 W.

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

Under Contract 17, dated May 25 1891

Survey commenced Oct. 19 1891
completed Oct. 28 1891

Preliminary Oaths of Assistants.

Carl R Tyler
Joel A Gibson

I do swear that we will well and faithfully execute the
Chain Carriers; that we will level the chain over even
ground, and plumb the tally pins, either by sticking
them in the same; that we will report the true distance to
the objects, and the true length of all lines that we assist
in carrying, to the best of our skill and ability and in accord-
ance with the instructions given us in the survey of the.....

division lines
of Township No 21 north
Range No 17 west
Sixth Salt River
Meridian Territory of Arizona.

Carl R Tyler Chainman.
Joel A Gibson Chainman.

Subscribed and sworn to before me, this 16th
day of October 1891

E J Godman
Notary Public.
County Recorder.

~~We~~ Miles A Knapp

do solemnly swear that ^I~~we~~ will well and truly per-
form the duties of Surveyor

in the establishment of corners and other duties acc-
ording to the instructions given ~~us~~, and to the best of ^{our} skill and
in the survey of the Subdivisions

township
no 21 North Range
East

Sixth Salt River
Meridian Territory of :

Miles A Knapp

Subscribed and sworn to before me this

day of October 1891

EJ Godman
Notary Public
County Rec



No. 1084 B

Field Notes
of the Survey of the

Subdivision Lines

of
Township No 21 North Range No 17 West

of the
Gila and Salt River
Meridian

in the Territory of
Arizona.

as surveyed by

Francis S. Jacobs

U.S. Deputy Surveyor

Under his contract No 17.

Dated May 23rd 1891.

Survey Commenced October 19th 1891

Survey Completed October 28th 1891

Names and Duties of Assistants

Carl R. Tyler Chairman
 Joel A. Gipson Chairman
 Mills A. Knapp Dayman

BOOK 1084

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Township No 21. n. Range 17

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Subdivisions T²¹N - R¹⁷W

ains

Survey commenced
October 19th 1891 with a
Gurley Mountain Transit
with Burt solar attach-
ment.

As I retraced the E and
S. boundaries of this
township on October 16 and 17
a record of which appears in
the Field notes of Exterior
of Townships Surveyed under
my contract. I deem it
unnecessary to retrace them
again. I set my Transit
over the cor. to Tps. 20 and 21
North R^s 16 and 17 West. and
at 8-a.m. direct the Telescope
to a flag on the East boundary
line of Sec 36 established

Subdivisions T21ⁿ R17^w

chains

by me. and find the
magnetic bearing to be
N13°34'W. Subtract 2'
for diurnal var. leaving
the var. 13°32' E

From the cor. to secs 1-2
35 and 36 on the South
boundary of the Township
I run

N0-1'W bet secs 35 and
36

Var 13°32' E

Ascend

3-00 Top of Ridge bet E and W

Descend

10-00 Gulch course N70°W

Ascend

Subdivisions T21N R 17 W

- 8-00 Top of ridge brs E. and W.
Descend
- 11-00 Top of Cañon Wall. Descend
- 12-00 Bluff 40 ft high
- 15-00 Bottom of Cañon
- 19-70 Wash Course N. W
- 20-00 Set Malpais stone 20x10x6 ins
14 ins in the ground for $\frac{1}{4}$ sec
cov marked $\frac{1}{4}$ on W side. and
raised mound of stone 2 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base along side
Pits impracticable
- 46-50 Wash ⁵⁰/₄₀ ⁴⁰/_{wide} Course W.
- 47-15 Ascend over white chalky
rock
- 49-00 Malpais bluff 60 ft high
- 49-30 Top of bluff brs N and S
- 54-00 Bluff 75 ft high brs N E and
S. W. Descend

Subdivisions T21N R17W

chains	
55-00	Bottom of bluff
76 00	Bluff 30 ft high $\text{br } S 75^{\circ} E$ and $N 25^{\circ} W$ Ascend
80-00	Set Granite stone $30 \times 12 \times 10$ in a mound of stone 2 ft high 4 ft base (ground to rocky to admit stone) for cor to sees 25-26-35 and 36 Marked with 1 notch on the S and E edges Pits impracticable Land very broken Soil 2 and 4 th rate No timber

East on a random line
bet sees 25 and 36

Var $13^{\circ} 37' E$

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

Subdivisions T21N R17W

- chains
 10-18 Intersect the East boundary
 of the Township at the corner.
 to sec. 25-30-31 and 36
 Thence West on true line
 bet sec 25 and 36
 Var. $13^{\circ} 32' E$
 Descend
 1-00 head of Canon course S. W.
 Ascend
 2-00 Top of W. side of Canon
 3-00 Top of E. Wall of Canon Descend
 4-50 Bottom of Canon Course S. W.
 5-70 Road br $N 30^{\circ} E$ and $S 30^{\circ} W$
 6-00 Wash course $S 30^{\circ} W$
 7-00 Ascend N. wall of canon
 8-50 Top of ascent
 9-00 Descend
 10-09 Set Malpais stone $36 \times 14 \times 12$ ins
 12 ins in the ground (Edin powdered)

Subdivisions T21 N R17 W

chains

Setting deeper for $\frac{1}{4}$ sec cor
 Mailed $\frac{1}{4}$ on N side and
 raised mound of stone $1\frac{1}{2}$ ft
 high 4 ft base around stone
 Pits impracticable

50-00 Bottom of side Canon

course S. W., Ascend

56-00 Top of N. wall of Canon

74.20 Top of Bluff 50 ft high br N and S
Descend

80-18 Cor. to secs 25-26-35 and 36

Land broken and rocky

Soil 2nd and 4th rate

No Timber

No. 1 A bet sec 25 and 26

Var $13^{\circ} - 32' E$

Ascend

8.00 Bluff 50 ft high br S. E. and N. W.

Subdivisions T21N. R17W

- 0-00 Top of Ascent
- 1-00 Set Lintel stone 16x12x6 ins. 8 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
- 2-- Descend
- 3-50 Ravine and Road to S. W.
Ascend
- 2-00 Top of ascent. Descend
- 4-75 The cor to Secs 23-24-25 and 26
A stone firmly set - marked with 2 notches on S and 1 on E edges
as established by Deputy Surveyor
Keunee in the Survey of the
Kingman Townsite which
embraces the S. W. $\frac{1}{4}$ of sec 24
- Land very rough and broken
Soil 3rd and 4th rate
No Timber

Subdivisions T21N R17W

chains	
	East on a random line bet secs 24 and 25 Var $13^{\circ}32' E$.
40-00	$\frac{1}{4}$ sec. cor.
80-00	Intersect the East boundary of the Township at the cor. to secs 19-24-25 and 30 Thence West on a true line bet secs. 24 and 25 Var $13^{\circ}32' E$
3-95	Atlantic and Pacific Railway brs $S65^{\circ} E$ and $N65^{\circ} W$
6-00	Western Union Telegraph line runs Parallel to Railway
6-50	Road brs $S E.$ and $N W$
7.75	Wire fence brs $S65^{\circ} E$ and $N65^{\circ} W$
18-35	Wire fence brs $N.$ and $S.$
40-00	to $\frac{1}{4}$ sec. cor. a Line stone firmly set marked $\frac{1}{4}$ on N side

Subdivisions T21N R17W

chain

with mound of stone 2 ft high
4 ft base along side.

80-00 cor to Secs 23-24-25 and 26

Land Level and rolling

Soil 2nd and 3rd rate

No timber. Scattering Mesquite
Brush

October 19th 1891

No 1' N bet Secs 23 and 24

Var 13°-32' E

3030 Western Union Telegraph

Line. bear S 65° E and N 65° W.

31-11 Atlantic and Pacific

Railway bear S 65° E and N 65° W

40-00 to 1/4 Sec. cor. a Granite Stone

firmly set. Marked 1/4 on W side
with mound of stone 2 ft high
3 ft base along side

Subdivisions T21 N R17 W

Chains

40-30 Ravine course S. W Ascend
 80-00 Set white igneous stone 36x20x12
 ins 10 ins in the ground. (Rec'd
 prevented setting deeper) for Cor.
 to Secs. 13-14-23 and 24. Marked 3 notches on S and
 1 on E side and raised mound of
 stone 1 1/2 ft high 3 1/2 ft base
 Around the stone
 Land rolling
 Soil 2nd and 3rd rate
 No timber. scattering Mesquite
 Bush

East on a random line
 bet. Secs. 13 and 24
 Var 13° 32' E

40-00 set temporary 1/4 sec Cor
 80-12 Intersect East boundary of the
 Township at 14 lks S of the
 Cor.

Subdivisions T21N R17W

chains

to sec 13-18-19 and 24

Thence S $89^{\circ}54'N$ on true
line bet Secs 13 and 24Var $13^{\circ}32'E$

14-00 ascend

23-00 Top of ridge bet S. East N.W.
Descend

31-00 Gulch course S. Ascend

40-06 Set Granite stone $18 \times 12 \times 6$ 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 alongside Rts impracticable
Descend

45-00 Bluff 30 ft high

45-50 Gulch course N.W. Ascend

58-50 Top of hill. Descend over
Large Boulders.

64-60 Gulch course N.W. Ascend

Subdivisions T₂N R₁₇W

chain

- 71-60 Trail Drs N, and S.
- 80-12 cor. to Secs 13-14-23 and 24
Land broken very rocky
Soil 4th rate
No Timber
-
- No. 1st W bet Secs 13 and 14
Var 13° 32' E
- 00-30 Descend
- 4-00 Kingman and Stockton Hill Road
Drs N.E. and S.W.
- 4-40 Gulch course S.W. Ascend
- 7-00 Top Ascend. Descend.
- 17-00 Gulch course S.E. Ascend
along W. slope of hill
- 40-00 Set Granite stone 18x12x10 ins
17 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

Subdivisions T21N. R17W

chains	
	base alongside Pits impracticable
58-70	Bluff 40 ft high. Ascend
60-00	Top of Reef 250 ft high on S.E. and N.W.
60-50	Descend bluff 40 ft high.
66-00	Gulch course S.E. Ascend
75-00	Descend
80-00	Set Malpais stone 24x14x8 ins 16 ins in the ground for cor to see 11-12-13 and 14 marked with 4 notches on S and 1 notch on E. edges and raised mound of stone 7' 1/2 ft high 3 1/2 ft base along side Pits impracticable. Land broken and rocky Soil 4 th rate no timber

East on a random line bet

Subdivisions T21 N R17 W

chain

Secs 12 and 13

Var $13^{\circ} 32' E$ 40-00 set temporary $\frac{1}{4}$ sec. cor.

80-25 Intersect the East boundary of the Township at the cor to Secs 7-12-13 and 18

Thence West on a true line
bet Secs 12 and 13Var $13^{\circ} 32' E$ 40-12 set Granite 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 dug
pits $18 \times 18 \times 12$ ins E and W of stone
 $5\frac{1}{2}$ ft dist and raised mound
of earth and stone 2 ft high 3 ft
base along side51-40 Kingman and Stratton Hill Road
br $N 15^{\circ} E$ and $S 15^{\circ} W$
ascend

Subdivisions T21N R17W

Chains

- 70-00 Leave Hualapai valley
 80-25 cor. to Secs 11-12-13 and 14
 Land rolling
 Soil 2nd and 4th rate
 No timber
-
- No 1' W bet Secs 11 and 12
 var $13^{\circ} 32' E$
- 7-50 Bear Road b'n $S75^{\circ} E$ and
 $N75^{\circ} W$
- 28-00 Wash course S.E. Ascend
- 40-00 Set Malpais stone $14 \times 6 \times 6$ ins
 10 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
- 53-00 Top of a Table mountain 400 ft high
- 54.20 Descend
- 64-00 Bottom of Descent

Subdivisions T21N R17W

chain

80 00

Set Malpais Stone 18x8x6 ins
 12 ins in the ground for cor to
 Secs 1-2-11 and 12 marked
 with 5 notches on S and 1 notch
 on E edge. and raised
 mound of stone 2 ft high 3 ft
 base along side Pits impracticable
 Land hilly and rocky
 Soil 4th rate

No Timber

October 20th 1891

East on a random line

bet secs 1 and 12

Var 13° 32' E

40-00

Set temporary 1/4 sec cor

80-84

Intersect the East boundary of the
 Township at 8 lks S of the cor to
 Secs 1-6-7 and 12

Subdivisions 221 N 217 W

Chains

Thence S $89^{\circ}57'W$ on a true line
but sees 1 and 12

var $13^{\circ}32'E$

20-00 Ascend

27-00 Top of rock reef 40ft high brs
S.E. Tchs. and N.W. 4 chs dist from
line- Descend

32-20 Kingman and Robertson's Road
brs N $20^{\circ}E$ and S $20^{\circ}W$.

Bottom of descent

40.07 Set Malpais stone $14 \times 10 \times 4$ ins pins
in the ground for $1/4$ sec. cor, marked
 $1/4$ on N side dig pits $18 \times 18 \times 12$
ins E and W of stone $3 \frac{1}{2}$ ft dish
and raised mound of earth and
stone 2 ft high $3 \frac{1}{2}$ ft base along side

80-14 cor to sees 1-2-11 and 12

Land rolling

Soil 2nd rate.

Subdivisions T21N. R17W

chain

No Timber

No 1st on a random line
but sees 1 and 2

Var $13^{\circ} 34' E$

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

80.55 Intersect the north boundary of
the Township at 18 4/5 E of the
cor to sees 1-2-35 and 36

Thence $S00^{\circ} 9' E$ on a true line
but sees 1 and 2

Var $13^{\circ} 34' E$

40.55 set Malpais stone $18 \times 12 \times 10$ in

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

marked $\frac{1}{4}$ on W side and

raised mound of stone $2\frac{1}{2}$ ft high

$3\frac{1}{2}$ ft base along side

Pits impracticable

80.55 cor to sees 1-2-11 and 12

Subdivisions T21N R17W

chains

Land rolling and rocky
Soil 4th rate
no timber

From the standard cor.
to Secs. 34 and 35 on the
South boundary of the Township
I run

No 1st W but sec 34 and 35
Var $13^{\circ} 32' E$

- 15.40 Western Union Telegraph Line
brs $N67^{\circ} E$ and $S67^{\circ} W$
- 16.35 Atlantic and Pacific Railway
brs $N67^{\circ} E$ and $S67^{\circ} W$
- 24.00 McGuire's Dwelling house brs E
4.50 chs. Orchard and
vineyard S and E of the house
- 31.00 Wash course W.
- 33.00 ascent steep bluff

Subdivisions T21N R17W

- chains
- 37-00 Top of bluff 100 ft high.
Ascend
- 40-00 Set Granite Stone 16 x 8 x 6 ins
" 6 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N side and raised
mound of stone $1\frac{1}{2}$ ft high 3 ft
base alongside pits impracticable
- 45-00 top of Knoll 200 ft high
Descend
- 80-00 Set Granite stone 30 x 24 x 8 ins
6 ins in the ground (rest prevented
getting deeper) for cor to Secs
26-27-34 and 35 marked
with 1 notch on the S and 2 on
notches on E edges and raised
mound of stone $1\frac{1}{2}$ ft high
4 ft base around stone
Pits impracticable
Land very broken

Subdivisions T21 N. R17 W

chain

Soil 2nd and 4th rate
No Timber

East on a random line
bet sees 26 and 35

Var $13^{\circ} 32' E$

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

79.85 Intersect N and S line at cor
to sees 25-26-35 and 36

Thence West on a true line
bet sees 26 and 35

Var $13^{\circ} 32' E$

Descend

5.00 Road bet N. and S.

5-75 Western Union Telegraph line
bet $N 15^{\circ} E$ and $S 15^{\circ} W$

6-75 Atlantic and Pacific Railway
bet $N 15^{\circ} E$ and $S 15^{\circ} W$

10.00 Ascend

Subdivisions T21N R 17W

chains

- 36-00 Top of ridge brs N and S
- 37-00 Bluff 30 ft high descend
- 39-83 set Malpais stone 30x18x10 ins
6 ins in the ground (rest
prewinted setting deeper) for 1/4
sec. cor marked 1/4 on N side
and raised mound of stone
1/2 ft high 4 ft base around
stone Pits impracticable
- 41-70 Bluff 60 ft high brs N and S
- 46-00 Gulch Course S. Ascend
- 59-00 Rocky ridge brs S.E. and N.W
descend
- 72-50 Wash Course S 20° W
- 79-85 cor to Secs 26-27-34 and 35
Land rough and broken
Soil 4th rate
no timber

October 21st 1891

Subdivisions T21 N. R17 W

chain

N 0° 1' W bet sec 26 and 27

Var 13° 32' E

Descend

4 00 Gulch course S 70° E ascend

34-00 Top of Rock ridge bet E and W

Descend

37-00 Bluff 50 ft high bet S E and N W

40-00 set Granite ^{stone} 18 x 8 x 6 ins 12 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 Pits impracticable

48-00 Bottom of Canon Course S. E.

Ascend

54-00 Canon Wall 40 ft high

56-00 Top of Canon

68-00 Ridge bet S E. and N W

72-00 Gulch course N 60° E

ascend

Subdivisions T₂1^N R₁₇W

chains

76-00 Top of ridge br E and W

80-00 Set Malpais stone 24 x 20 x 6

16 ins in the ground for cor to
Secs 22-23-26 and 27Marked with 2 notches on the
S and E. edges andraised mound of stone 2 1/2
ft high 4 ft base along side

Pits unpracticable

Land very rough

Soil 4th rate

No timber

East on a random line

cut Secs 23- and 26

var 13° 32' E

40-00 Set temporary 1/4 Sec cor

80.22 Intersect N and S line 70 eds

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

Subdivisions T21N R17W

chains

Thence S $89^{\circ} 51'$ W on a true
line bet secs 23 and 26
var $13^{\circ} 37'$ E

18-00 Descend

19-00 Top of Rock bluff 30 ft high
descend

20-00 Bottom of Canon course S.

20-75 Western Union Telegraph Line
brs $N 8^{\circ} E$ and $S 8^{\circ} W$ 21-10 Atlantic and Pacific Railway
brs $N 8^{\circ} E$ and $S 8^{\circ} W$

22-00 Ascend

36-00 Top of ridge brs S.E. and N.W.

40-11 set Malpais Stone $30 \times 24 \times 10$ ins
12 ins in the ground (rock
prevented setting deeper)

for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on
N side and raised mound
of stone $\frac{1}{2}$ ft high + ft base

Subdivisions T21N R17W

chains

- alongside Pits impracticable
- 53.00 Descend
- 58.00 Bottom of Canon Course S 60° E
Ascend
- 66.00 Top of ridge brs S 70° E and N 70° W
- 80.22 Cor to Secs 22-23-24 and 27
Land very broken
Soil 4th rate
No timber
-
- N 0° 1' N but Secs 22 and 23
Var 13° 32' E
- 3.80 Gulch Course S 60° E Ascend
- 8.00 Top of ridge brs S E and N W
Descend
- 13.00 Bottom of Canon course S 60° E
Ascend
- 18.00 Top of ridge brs S E. and N W
Descend

Subdivisions T21N R17W

- Chains
40-00 Set Malpais Stone 18 x 8 x 6 ins
12 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 impermeable
- 52-50 Wash course S. E
- 55- Wash course S 30° E
- 63-45 Kingman and Mineral Park Road
brs S 30° E and N 30° W
- 76-00 Garden Enclosure brs W 60 to dist
- 77-00 Ascend Rocky point
- 79-00 Top of Rocky point
stone
- 80-00 Set Malpais, $36 \times 20 \times 8$ ins 15 ins
in the ground (rock prevented
setting deeper) for Cor to Deal
14-15-22 and 23 Marked
with 3 notches on S and 2 notches
on E. edges and raised
mound of stone $1\frac{1}{2}$ ft high 4 ft base

Subdivisions T21 N R17 W

chain

around stone.

Pits unpracticable

Land broken

Soil 4th rate

no timber

East on a random line
bet secs 14 and 23Var $13^{\circ} 37' E$ 40.00 set temporary $\frac{1}{4}$ sec cor80.08 Intersect the N and S line at the
corner to Secs 13-14-23-and 24

Thence West on a true line

bet Secs 14 and 23

Var $13^{\circ} 37' E$ 17.20 Kingman and Steektown Hill Road
br N $30^{\circ} E$ and S $30^{\circ} W$ 27-00 Road br S $20^{\circ} E$ and N $20^{\circ} W$

30.00 Wash course S.

Subdivisions J, 21 N. 10. 17 W.

chains

40.04

Set Granite stone 3 1/2 x 12 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 Pts impracticable

51-00

Ridge brs S E and N, N.
 Descend

60.75

Track course S 25° E

68-15

old Road brs S 20° E and N 70° W

80-08

cor to sec 14-15-22 and 23

Land hilly
 Soil + rate
 No timber

N 0° 17' lat sec 14 and 15

Var 13° 32' E

88-00

Ascend Granite bluff

22-75

Top of bluff 80 ft high brs E and N

24-00

Descend

Subdivisions T21N R17W

chain	
27-50	Bottom of Ravine cou S E Ascend
34-00	Top of ridge brs E and W
37-00	Bluff 30 ft high Descend
40-00	a Granite stone in place 3x 2x 2 ft above ground I mark x at the corner point and mark 1/4 on W side and raise mound of stone 1 1/2 ft high 2 ft base on top of stone Pits impracticable
45-60	Wash course E.
54-00	Wash course S. E. Ascend
59-50	Rock bluff 40 ft high
61-00	Top of bluff
73	Rock bluff 40 ft high brs S E and N. W. Descend
80-00	Set Malpais Stone 14x 10x 8 ins

Subdivisions T21N R17W

chains

pins in the ground for cor.
to Secs 10-11-14 and 15 marked
with + notches on S and 2 notches
on E edges and raised
mound of stone 2 ft high
3 ft base along side.
Pits impracticable
Land broken
Sec 4 + the rate
Mr Simbur

October 27th 1891

Enter a random line bet. secs
11 and 14.

Var $18^{\circ} 32'$ E.10.00 Set line for any $1/4$ sec. cor.9.82 Intersect A and B line 28 chrs
A. of cor to secs 11-12-13 and 14
Thence - N. $89^{\circ} 48'$ W. on a

Subdivisions T21 N. R. 17 W

chauss

true line bet sec. 11 and 14,
Var $13^{\circ} 32' E$.

Ascend.

20.00 Top of ridge bet N. and S.
Descend

39.91 Set granite stone $20 \times 12 \times 3$ in. 14
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
alongside.

41.40 Rocks bluff 40 ft high. Descend.

42.00 Bottom of bluff bet N. and S.

46.50 Wash, course S. Ascend.

48.00 Road bet N. and S.

49.00 Top of ascent

61.00 Wash 30 lbs wide course S

65.50 Wash course S. E.

79.82 Cor to sec 10-11-14 and 15.
Land broken and rocky.

Subdivision T. 2 N. R. 17 W.

chains.

Soil 4th rate
No timber.

A. 0° 1' N. Det recs 18 and 11

Var 13° 32' E.

1. 15- Beal road In A. E. and S. W

7. 00 Ascend

16. 50 Wash. course S. E. Fresh water
spring In A. W. 5-chains dist.
Ascend.

24. 00 Top of conical hill 150 ft high
Descend.

30. 00 Wash course S. E.

40. 00 Set Mearns stake 18 x 18 x 6 in
12 in in the ground, for 1/4
sec cor. Marked 1/4 on N. side
raised mound of stone 2 ft
high 3 ft base along side
Pits impracticable.

Subdivision T. 21 N. R. 17 W.

chains

Ascend

52.00 Top of ridge in S. 60° E. N. 60° W
Descend.

61.00 Ravine. course S.E.

68.00 Ascend steep Malfair hill

80.00 Set Malfair stone 20 x 12 x 4 in
14 in in the ground for cor
to sec 2-3-10 and 11

Marked with 5 notches on S. and
2 notches on E. edges, and raised
mound of stone $2\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft
base along side.

Pits infracticable

Land hilly and rocky

Soil 4th rate

No timber.

Exam a random line bet sec
2 and 11

Subdivisions Sect. R. 17 N

chains	Var 13° 32' E.	10
40.00	Set temporary 1/4 sec cor.	
80.00	Intersect N. and S line at cor to sec 1-2-11 and 12 Thence N. on true line bet sec 2 and 11	d, uir
	Var 13° 32' E	ce
7.00	Wash course N.E. Ascend	d
22.00	Top of steep hill. Ascent more gentle.	light
37.00	Top of ridge bet N. and S Descend.	1
40.00	Set malpais stone 20x12x10 uir 14 uir 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.	uir to l 3
48.00	Gulch - course S.	d

Subdivisions Sec. 17 T. 17 N.

chains

Ascend

51.00 Top of ascent - Descend

54.70 Stone wall on N. and S. enclosing
Johnsons vineyard and orchard58.00 Johnsons dwelling house on
N. 30° N. 6 chs.Johnsons stable on N. 35° N.
6.50 chs.

58.60 Stone wall on N. N. and S. E.

60.00 Wash 50 lbs wide course S. E.

61.00 Ascend steep rocky hill

80.00 Cor to sec 2-3-18 and 11.

Land hilly and rocky
Soil 2nd and 4th rate
No timber.No. 17 on a random line
between 2 and 3

Var 13° 32' E

Subdivision T. 21 N. R. 14 W.

- chain
4000 set temporary $\frac{1}{4}$ sec cor 10
- 80-34 Intersect the north boundary
of the township 34 lns N of
the cor to sec 2-3-34 and 35
Thence $S 0^{\circ} 14' W$ on a true
line bet sec 2 and 3
var $13^{\circ} 32' E$
along N slope of Malpais
ridge
- 13-00 ascend
- 27-00 Top of ridge 600ft high.
br N. and S. E.
- 29-00 Descend
- 40-34 set Malpais stone $24 \times 12 \times 8$ 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 along side
Pits impracticable

Subdivisions T₂₁N, R₁₇W

Chain

48-00 Head of Gulch Course S. W.

Ascend

49-00 Top of Butte 600ft high

49-00 Descend

70.70 Gulch small stream of
clear water course E.

ascend very steep rocky hill

74-00 Top ridge 300ft high br
E and W

75-00 Descend

80.34 Cor to Secs 2-3-10 and 11

Land very hilly and rocky

Soil 4th ratea few Hackberry trees along
the streamOctober 23rd 1891

From the standard cor to
secs 33 and 34 on the

Subdivisions T21. N TR17W

chains

South boundary of the
Township

Drum

No. 2 N bet secs 33 and 34
var $130^{\circ} 32'$

40-00

Set Malpais stone $16 \times 12 \times 8$ ins
8 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
Pts impracticable

42-00

Ascend E slope of hill

60-00

Descend

74-00

Gulch course S. E
ascend red hill

80-00

Set Malpais stone $20 \times 10 \times 8$ ins
14 ins in the ground for cor to
secs 27-28-33-and 34
Marked with 1 notch on S and

Subdivisions T21N R17W

chains

3 notches on E Edge and
 raised mound of stone
 2 ft high 3 ft base along side
 Pits impracticable
 Land rolling
 Soil 2nd and 4th rate
 No Timber

East on a random line
 bet secs 27 and 34

Var $13^{\circ} 32' E$

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

80-25 Intersect N and S line at

cor to secs 26-27-34 and 35

Thence West on a true line

bet secs 27 and 34

Var $13^{\circ} 32' E$

Ascend

12-00 Top of Granite ridge N and S

Subdivisions T21N R12W

Chains 25-00	Top of Bluff 40 ft high Descend	10
27-	Gulch Course S.	
39-00	Gulch Course S. E. Ascend	
40 12	Set Granite stone 16x12x10 ins 11 ins in the ground for $\frac{1}{4}$ sec corner marked $\frac{1}{4}$ on N side and raised mound of stone 2 ft high 3 ft base along side Pits impracticable	d, in re d high
44. 00	Bluff 70 ft high br S.E. & N.W.	
46. 00	Top of ridge.	
49. 00	Bluff 60 ft high br S.E. and N.W. Descend	
56. 00	Bottom of gulch course S. E. Ascend	in 2
68. 00	Top of hill 350 ft high br N. and S Descend.	d 3
76-40	Bottom of descent. Ascend.	d

Subdivision 21 A. B. 17 N.

chain

80-25 Cor to sec 27-28-33- and 34

Laid rough and hilly

Soil 4th rate-

No Timber.

S. 0° 2' N. bet sec 27 and 28

Var 13° 32' E

Ascend.

12.00 Top of Red hill.

Descend

26.00 Gulch - course S. 25° N. Ascend

Along the E. slope of hill

37.00 Top of ascent

40.00 Set Malpais stone 24 x 12 x 8 in

16 in 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 infracticable

Subdivision 2, A. R. 17 Dr

chains.	Descend	10
43.50	Gulch - course S.E. Ascend Black Malpais hill	
50.00	Top of hill.	
62.00	A bluff 70 ft high br S.E. and N.W. d. Ascend.	10
70-40	Top of bluff.	10
71.00	Descend.	10
75.00	Bluff 25 ft high br E and W.	10
80.00	Set granite stone 22x14x10 in 14 in. in the ground for cor to recs 21-27 and 28. Marked with 2 notches on the S and 3 notches on the E. edger. raised mound of stone 2½ ft high 3½ ft base along side.	10
	Pits impracticable.	10
	Land broken and hilly	3
	Soil 4 th rate - No timber.	10

Subdivision S. 21 T. R. 17 N.

chains

Start on a random line bet
secs 22 and 27.

Var $13^{\circ} 32' E$.

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

80.18 Intersect stand line at cor to
secs 22-23-26 and 27.

Thence, West on a true line bet

5.00 Descend ^{secs 22+27} var $13^{\circ} 32' E$

23.50 Gulch course S.E.

Ascend

40.09 Set granite stone $18 \times 12 \times 8$ ins
12 ins in the ground. for $\frac{1}{4}$ sec
cor. Marked $\frac{1}{4}$ on S. side.

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

80.18 Cor to secs 21-22-27 and 28
Land rolling and hilly
Soil 4th rate

Subdivisions Sec. 1 A. B. 17 E

chain. No timber. October 24th 1891

N. 0° 2' N. bet sec 21 and 22
Var 13° 32' E.

5.00 Wash - course E. Ascend

19.00 Bluff 60 ft high Ascend

22.50 Top of bluff

24.00 Descend

28.00 Wash - course E.

40.00 Set malfair stone 16x12x8 in
4 in 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
alongside. Pits intractable

51.00 Wash - course S.E.

69.00 Wash - course S.E. Ascend

78.00 Top of white knoll 40 ft high
Descend

80.00 Set malfair stone 26x20x20 in

Subdivision L21 A. R. 17 W.

chains 10 in in the ground for cor to
 recs 15-16-21-and 22. Marked
 with 3 notches on Sand E. edges
 and raised mound of stone $2\frac{1}{2}$
 ft high 4 ft base along side.
 Pits impracticable.

Land hilly.

Soil 3rd and 4th rate.

No timber.

East on a random line bet
 recs 15 and 22.

Var $13^{\circ} 32' E$.

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

80-00 Intersect N. and S line. at
 cor to recs ¹⁴⁻15-22 and 23.

Thence West on a true line
 bet recs 15 and 22.

Var $13^{\circ} 32' E$.

Subdivision T21 A. R. 14 W

chain 12-00	Kingman and Mineral Park road In S.E. and A. W.	10
25-00	Gulch course S.E. Ascend	
38-00	Top of ridge In A. and S. Descend	
48-00	Set white-liquor stone 30x14x6 in - 12 in in the ground (rocks perched setting deeper) for 1/4 sec cor - marked 1/4 on N. side and raised mound of stone 1 1/2 ft high 4 ft base around stone. Rte. intractable.	d, in ce d high
53-00	Wash - course S. Ascend over solid granite-formation,	
69-00	Ridge In A. and S. Descend	
75-00	Wash - course S. 20° W.	in
77-70	Wash - course S.	to
80-00	Cor to secs 15-16-21 and 22 Land rolling and hilly Soil 4 th rate - No timber.	l 3 d

Subdivision 21 A. R. 17 W.

- chains
- A. $0^{\circ} 2'$ W. bet sec 15 and 16
Var $13^{\circ} 32'$ E.
- 7-00 Ascend.
- 11-80 Top of granite file - Descend
- 14-00 Bottom of descent.
- 37-20 Kingman and Mineral Park
road br E. and W.
- 40-00 Set malfair stone $14 \times 12 \times 6$ ins
ⁱⁿ the ground for $\frac{1}{4}$ sec cor.
Marked $\frac{1}{4}$ on W. side. raised
mound of stone 2 ft high 3 ft
base along side
Pike unfracturable. Ascend
- 44-00 Top of ridge br S.E. and N.W.
Descend.
- 54-50 Gulch-course S. 60° E. Ascend
- 70-00 Top of ridge br S.E. and N.W.
Descend.
- 80-00 Set Malfair stone $20 \times 14 \times 10$ ins

Subdivision 21 A. R. 17 W.

14 in in the ground for cor 10
 to recs 9-10-15 and 16.
 marked with 4 notches on
 the S. and 3 notches on E edge
 raised mound of stone $2\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base along side.
 Pitts impracticable.
 Land rolling and hilly
 Soil 4th rate -
 No timber

East on a random line bet recs
 10 and 15 -

Var $13^{\circ} 32'$ E

10.00 Set temporary 1/4 sec cor
 0.12 Intersect it and S line at cor to
 recs 10-11-4 and 15 -
 Thence West on a true line
 bet 10 and 15 -

Subdivision 1st. P. 17 W

chains

Var 13° 32' E

2. 60 Beal rod br N. E. and S. W.
8. 00 Ascend
34. 00 Top of ridge br N. and S.
Descend.
39. 00 Gulch - course S. E. Ascend.
40. 06 Set Malpais stone 16 x 10 x 8 in
18 in 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.
Pike unfracturable
70. 00 Top of ridge 350 ft high br S. E.
and N. W.
76. 60 Bottom of canyon - course S. E.
Ascend
- 80-12 Cor to sec 9-10-15 and 16
Land hilly.
Soil 4th late - No timber.

Subdivision 121 A. R. 17. W

chain.

N. 8° 2' W. bet sec 9 and 10
 Var 13° 32' E.

- 5-20 Gulch-course S.E. Ascend
 30-00 Top of ascent on the East face
 of hill 300 ft high. Descend.
 40-00 Set Malpais stone 16x12x10 in
 18 in 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.
 44-00 Gulch-course E. Ascend
 63-00 Top of ridge bet E and W.
 65-00 Descend
 80-00 Set Malpais stone 24x12x6 in
 16 in in the ground for cor to
 sec 3-4-9 and 10 marked
 with 5 notches on the S and 3
 notches on the E. edges - and

Subdivisions 21 A. B. 17 M.

- chachours. raised mound of stone 2 1/2 ft
 2. high 3 1/2 ft bare alongside.
 f. o. Pits impracticable.
 34. Land rough and hilly
 Soil 4th rate
 39. No timber

40. October 26th 1891

Cast on a random line bet
 secs 3 and 10

Var 13° 32' E

4000 Set temporary 1/4 sec cor.

70. 80-00 Intersect A. and S line at
 cor to secs 2-3-10 and 11.

76. Thence West on true line
 bet secs 3 and 10

80 Var 13° 32' E.

Arcued

4. 00 Log of arcued

Subdivision 21 A. R. 17 W

- Chair
32-00 Ridge - In E and W
- 40-00 Set Malpais stone 14 x 14 x 6 in
10 in in the ground for 1/4 sec
cor marked 1/4 out. side and
raised mound of stone 2 ft high
3 ft base alongside.
Pits unfracticable.
- 49-00 Descend.
- 55-00 Gulch - course A. 60° E.
- 60-00 Leave gulch
- 72-60 Reverse gulch In A. W.
- 80-00 Cor to sec 3-4-9 and 10
Land hilly
Soil 4th rate
No timber

A. 0° 2' N. on random line bet
secs 3 and 4
Var 13° 32' E.

Subdivisions 21 A. R. 17 W.

- ch. chains
40-00 Set temporary $\frac{1}{4}$ sec cor
2. 50-40 Intersect N. boundary of the
8. Township 13 lbs E. of cor to
3. recs. 3-4-33-and 34
✓ Thence S. $8^{\circ}6'$ E on true line
3 Det recs 3 and 4
4. Var $13^{\circ}32'$ E.
Ascend.
- 4-50 Top of ridge br E and W. Descend
31-00 Gulch-course S.E. Ascend
40-40 Set Malpais stone $24 \times 12 \times 10$ ins
16 ins in the ground for $\frac{1}{4}$ sec
70. cor Marked $\frac{1}{4}$ on N. side. raised
mound of stone 2 ft high 3 ft
76 base alongside. Pits impracticable
42-50 Top of ridge br E. and W.
80 Descend.
5-2-50 Gulch-course E. Ascend.
through scattering Juniper

Subdivisions T₁ A. R. 17 W.

62-00 Top of E. end of ridge br N. Descend
 79-00 Gulch course S.E. ^{N.W.} Ascend
 80-46 Cor to secs 9-4-9-10.
 Land hilly
 Soil 4th rate.
 Timber - scattering Juniper.
 October 27th 1841

I now go to the Standard cor to
 secs 31 and 32 and run
 thence S. 0° 3' W let secs
 31 and 32.

Var 13° 32' E.

Along the East side of the
 Sacramento Valley

80-00 Set Malpais stone 24 x 14 x 6 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 alongside.

Subdivision T21 S. R. 17 W.

ch. chains

Pits infracticable.

2. 60-00 Ascend.

8. 70-00 Top of ascent on N. slope of hill

3. Descend

8000 Set Malpais stone 20x10x8 in
14 in in the ground for cor to

3
4
secs 29-30-31 and 32. Marked
with 1 notch on the S. and 5-
notches on E. edges and raised
mound of stone 2 1/2 ft high 3 1/2 ft
base along side.

Pits infracticable.

70 Land rolling

Soil 2nd and 3rd rate

4 No timber

8
Hest on a random line bet
secs 30 and 31

Var 13° 32' E

Subdivision 21 A. P. 17 Cr.

chains
40-00Set temporary $\frac{1}{4}$ sec cor.

49-95

Subjunct West boundary of the Township at cor to secs 25-30-31 and 36

Thence E on true line bet secs 30 and 31.

Var $13^{\circ} 32' E$.

39-95

Set Malpais stone 18 x 10 x 6 in
12 in in the ground for $\frac{1}{4}$ sec
cor. Marked $\frac{1}{4}$ cut. side and
dug pit - 18 x 18 x 12 in. E and
W. of stone $5\frac{1}{2}$ ft dist. and
raised mound of earth and
stone 2 ft high 3 ft base along
side.

49-95

Cor to secs 29-30-31 and 32

Land rolling

Soil 1st and 3rd rate

No timber.

Subdivisions 21 St. R. 17 N

5	chains	Set recs 29 and 30
		Var. $13^{\circ} 32'$ E.
20	10-00	Wash-course S.W.
8	40-00	Set Malfair stone $18 \times 10 \times 6$ in
3		12 in in the ground for $\frac{1}{4}$ sec
		cor marked $\frac{1}{4}$ on N. side and
3		raised mound of stone 2 ft high
4		3 ft base alongside.
		Pits infracticable.
	55-00	Wash-course N. Ascend
	73-00	Top of Malfair ridge on E. Descend
	80-00	Set Malfair stone $20 \times 10 \times 4$ in
		14 in in the ground for cor to
7		recs 18-28-29 and 30 Marked
		with 2 notches on S and 5 notches
		on E edges and raised mound
		of stone $2\frac{1}{2}$ ft high 4 ft base
8		alongside.
		Pits infracticable

Subdivision 2d A. R. 17 W.

chain

Land rolling and hilly
Soil 3rd and 4th rate.
No timber.

Went on a random line bet
secs 19 and 30

Var 13° 32' E

40-00 Set temporary 1/4 sec cor

79-93 Intersect West boundary of the
Township at cor to secs 19-24-
25 and 30.

Thence E. on true line bet
secs 19 and 30

Var 13° 32' E

29-00 Ascend

36-00 Top of Malpais hill 100 ft high
Descend

39-93 Bottom of hill.

" " Set malpais stone 18x14x12 ins

Subdivisions T₂ S. R. 17 N.

chains

12 in 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 alongside.

Pits - impracticable.

45-00 Ascend.

79-93 Cor to secs 19-20-29 and 30

Land hilly

Soil 3rd and 4th rate -

No timber.

October 28th 1891

$\frac{3}{4}$ miles of these lines run over mountainous
 land

These Subdivisions embrace
 all the land suitable for cultivation,
 or on which there is any settlement.
 The remainder being rocky and mountainous.

Subdivision T₂ S. R. 17 W.

Chairs

General Description.

The subdivided portion of this Township contains a variety of land. The N.E. portion runs into the Kualapai Valley, and the S.W. into the Sacramento Valley; The soil of which is light loam and could be made very productive with water; and there are a number of small valleys throughout the Township that contain good agricultural land.

There is no timber on the Township. There is one settler each on secs 2-15- and 35-

The town of Kingman is located on sec 24- is the county seat of Mohave county. It contains a courthouse, one church, ~~two~~ hotels several stores and about sixty

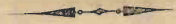
Subdivisions T₂₁ A. B. 17 W.

chain.

dwelling houses. Population
about 350.

Francis B. Jacobs
U. S. Deputy Surveyor

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 Subdivision*
lines of Township
No 21 North Range No 17
North West
Sixth Salt River
Meridian

Showing the respective capacities in which they acted.

Carl V. Taylor Chairman.

John A. Gibson Chairman.

Axeman.

Miles A. Knapp flagman

Final Oath of Assistants.

We hereby certify that we assisted

Jacob U. S. Deputy Surveyor, in surveying
all those parts or portions of *Township*
no 21 north
Range no 17 west
Gila & Salt River
Meridian

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 estab-
lished according to the instructions furnished by the United
States Surveyor-General for Arizona.

Carl R Tyler Chairman.

Joel A Gibson Chairman.

Miles A Knapp Axeman.
Flayman.

Sworn to and subscribed before me, this *27th* day of
October, 18*91*

E J Godman

Final Oath of Deputy Surveyor.

I, *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* 188*1*, 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 21 North
Range No 17 West

Gila 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 instruc-
 tions, the special instructions of the United States Surveyor-
 General for Arizona and in the specific manner described in the

field notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846

Francis Jacobs

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 3rd day of

June, 1892

Geo J. Hawkins
Notary Public

w.
ns
na,

U. S. Surveyor-General's Office,

TUCSON, A. T., Nov 16th 1892

The foregoing Field Notes of the Surveys of
 Subdivision Lines of
 Township 21. North
 Range 17 West.

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.

Papale & Johnson

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