

1520

BOOK 1520

1520

See Index

BOOK 1520

Book VI

4-671

FIELD NOTES

GENERAL LAND OFFICE.

Exterior Boundaries T.22 S. R.8 E - Continues

Interior Boundaries T.21 S. R.14 W.

at 1st Base and Parallel South

1520

Contract No. 11

*as surveyed by
Geo. J. Rooker*

Continued from Book
1542

= Index =

1520

A

BOOK 1520

West Bdy - T 22 S; R 8 E; Page 179
 H⁴ Standard Parallel South, R 14 E: " 189
 West Bdy - T 21 S; R. 14 E: " " 205
 South " - " 21 S; R. 14 E: " " 208
 East " - " 21 S; R. 14 S: " " 217

BOOK 1520

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">192</td> <td style="text-align: center;">193</td> <td style="text-align: center;">194</td> <td style="text-align: center;">195</td> <td style="text-align: center;">196</td> <td style="text-align: center;">197</td> <td style="text-align: center;">198</td> <td style="text-align: center;">199</td> </tr> <tr> <td style="text-align: center;">2056</td> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> <td style="text-align: center;">205</td> <td style="text-align: center;">1796</td> </tr> <tr> <td style="text-align: center;">2027</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">203</td> <td style="text-align: center;">1817</td> </tr> <tr> <td style="text-align: center;">20178</td> <td colspan="5" style="text-align: center;">T 21 S, R. 14 E.</td> <td style="text-align: center;">201</td> <td style="text-align: center;">18315</td> </tr> <tr> <td style="text-align: center;">20079</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">220</td> <td style="text-align: center;">18579</td> </tr> <tr> <td style="text-align: center;">2062750</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">206</td> <td style="text-align: center;">18630</td> </tr> <tr> <td style="text-align: center;">20770</td> <td style="text-align: center;">31</td> <td style="text-align: center;">32</td> <td style="text-align: center;">33</td> <td style="text-align: center;">34</td> <td style="text-align: center;">35</td> <td style="text-align: center;">36</td> <td style="text-align: center;">207</td> </tr> <tr> <td style="text-align: center;">208</td> <td style="text-align: center;">210</td> <td style="text-align: center;">211</td> <td style="text-align: center;">212</td> <td style="text-align: center;">213</td> <td style="text-align: center;">214</td> <td style="text-align: center;">215</td> <td style="text-align: center;">217</td> </tr> </table>	192	193	194	195	196	197	198	199	2056	5	4	3	2	1	205	1796	2027						203	1817	20178	T 21 S, R. 14 E.					201	18315	20079						220	18579	2062750						206	18630	20770	31	32	33	34	35	36	207	208	210	211	212	213	214	215	217	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p style="text-align: center; color: red;">207 217</p>																																																																
192	193	194	195	196	197	198	199																																																																																																																										
2056	5	4	3	2	1	205	1796																																																																																																																										
2027						203	1817																																																																																																																										
20178	T 21 S, R. 14 E.					201	18315																																																																																																																										
20079						220	18579																																																																																																																										
2062750						206	18630																																																																																																																										
20770	31	32	33	34	35	36	207																																																																																																																										
208	210	211	212	213	214	215	217																																																																																																																										

Exteriors T. 22 S. R. 8 E. Continued

Chamo.

At this corner my instrument reads
 $N. 69^{\circ} 19' 45'' W.$ and $S. 69^{\circ} 19' 45'' E.$
 and I am on line between monu-
 ments Nos 15 & 17

I now run out a blank line along
 the International boundary line
 $N. 69^{\circ} 19' 45'' W$ flagging the line as
 I go and find the distance to
 monument No 15 on the Pass Verde
 mountains to be 7 miles 67 chs
 60 lks.

From the cor to Tps 21 & 22 S. R's 7
 & 8 E I run
 South bet Secs 1 & 6.
 $N. 72^{\circ} 40' E.$

Over rolling land.

6.00 Wash 20 lks wide course E.

40.00 Set a granite stone 23 X 10 X 8 ins

Exteriors T. 22 S. R. 8 E - Continued
 Chans

18 ins in the ground for $\frac{1}{2}$ Sec cor.
 marked $\frac{1}{4}$ on W. face, dug pits
 18 X 18 X 12 ins N & S. of stone
 5 $\frac{1}{2}$ ft dist and raised a mound
 of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft here
 alongside.

40.25. Wash 20 lbs wide course E.

73.00 Enter foot hills of the Paso Verde
 mountains and line goes over
 ridge that runs East about 8 cho

80.00 Set a granite stone 36 X 18 X 8 ins
 27 ins in the ground for cor to secs
 1.6.7 & 12 marked with 5 notches on S and
 1 notch on N edges and raised a mound of
 stone alongside pits impracticable from which

Buena Vista Ranch House and
 outbuildings bear S. 36° E 15 cho
 dist. House and outbuildings
 and corrals substantially built

Exteriors P. 22 S. R 8 E Continued
 chains

Here is also a spring of good water.
 Land gently rolling for 73 chs balance
 hilly.

Soil 2^d & 3^d rate for 73 chs, balance 7th rate

No timber

South bet Secs 7 & 12

Var $12^{\circ}40'6''$.

Over rocky ridges.

3.20 Summit of ridge 200 ft high

27.00 Foot of rocky ridge and enter rolling
 land, and wash 60 lks course East

35.00 Wash 100 lks course East.

40.00 Set a granite stone $16 \times 15 \times 5$ ins
 11 ins in the ground for $\frac{1}{4}$ Sec cor
 marked $\frac{1}{4}$ on W. face, dug pits $18 \times$
 18×12 ins N & S of stone $5\frac{1}{2}$ ft diam
 and raised a mound of earth

Exteriors T. 22 S. R. 8 E. - Continued

Chains

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

From which

A windmill and dry well bear
E. 8 chs dist.

76.00 Wash 30 lks wide course S 80° E.

80.00 Set a granite stone $16 \times 16 \times 10$ ins
11 ins in the ground for cor to
Secs 7, 12, 13 & 18 marked with
2 notches on N and 4 notches on
S edges, dug pits $18 \times 18 \times 12$ ins in
each sec. and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft base along
side.

Land for 27 chs rocky and hilly
balance broken and rocky.

Soil 4th rate

No timber

Exteriors T. 22 S. R 8 E - Continued

mins

South bet Secs 13 & 18

Var. $12^{\circ}40'6''$.

Over broken land.

- 0.04 Wash 50 yds wide course E.
- 2.00 Line runs over E slope of rocky hill
- 2.00 Summit bearing E & W 300 ft high and descend.
- 2.00 Foot and enter rolling land.
- 40.00 Set a granite stone $14 \times 8 \times 8$ ins 10 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on W. face dug pits $18 \times 18 \times 12$ ins N & S of stone. $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.

From which

A mesquite 8 ins. diam bears S. $20^{\circ}6'$

120 lbs dist. marked $\frac{1}{4}$ S. B. F.

A mesquite 6 ins diam bears S. $13^{\circ}6'$

245 lbs dist. marked $\frac{1}{4}$ S. B. F.

Exteriors I. 22 S. R 8 E - Continued

80.00 Set a granite stone 16 X 13 X 5 ins
11 ins. in the ground for cor to Secs
13. 18. 19 & 24 marked with 3 notches
on N & S edges, dug pits 18 X 18 X 12
ins. in each sec. 5 1/2 ft diam and
raised a mound of earth 2 ft high
4 1/2 ft base alongside.

From which

A mesquite 6 ins. diam bears N 110° W
212 lbs diat marked I. 22 S. R 7 E S 13 BT

A mesquite 12 ins diam bears N 46° E
205 lbs diat marked I. 22 S. R 8 E S. 18 BT

A mesquite 8 ins diam bears N. 72° E
200 lbs diat marked I. 22 S. R 8 E S. 18 BT

A mesquite 6 ins diam bears S. 66° E 93
lbs diat. marked I. 22 S. R 8 E S 19 BT.

Land rocky, hilly and broken
Soil 4th rate

Timber a few mesquites

Exteriors T. 22 S. R. 8 E - Continued

South bet Secs 19 & 24

Var. $12^{\circ}40' E$

Over rocky rolling hills

40.00 Set a granite stone $22 \times 12 \times 4$ ins 16 ins
in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ on W. face, dig pits $18 \times 18 \times 12$ ins N
& S. of stone $5\frac{1}{2}$ ft dist. and raised
a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

From which

A mesquite 6 ins. diam bears $N 10^{\circ} E$
18 lbs dist marked $\frac{1}{4}$ S B F.

No other trees within limits

55.00 Wash 25 lbs wide course $S 45^{\circ} E$

61.00 Road to Ortiz's ranch course N
 $40^{\circ} E$ and $S 40^{\circ} W$.

80.00 Set a granite stone $18 \times 12 \times 10$ ins
12 ins in the ground for cor to secs
19.24.25 & 30 marked with 4 notches

Exteriors T. 22 S. R 8 E - Continued
 Chaus

out and 2 notches 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 alongside.
 Land rough and rocky
 Soil 4th rate
 Timber, a few mesquite

South bet Secs 25 & 30

Var 12° 40' E.

- 1.39. Intersect International Boundary
 line between United States and
 Mexico S. 69° 19' 45" E. 2 miles
 15 ch from U.S. Boundary monu-
 ment No. 15 on summit of
 Pazo Verde mountains.

For Closing Corner I set a granite
 stone 18 X 12 X 6 ins 12 ins in the

Exteriors T. 22 S. R 86 - Continued

Chain

ground marked C. C. U. S. with 5 notches
on N and 1 notch on S edges and
raised a mound of stone along side,
pits impracticable.

Land rolling and rocky

Soil 4th rate,

No timber.

9th Dec^r 1886.

General Description.

The southern portion of this Township
is bounded by the International
Boundary line between the United
States and Mexico.

The Township consists of rolling
grassy hills whereon numerous
herds of cattle feed. There are
3 ranches in the Township the
parties occupying them being engaged

Exteriors T. 22 S. R. 8 E - continued

in stock raising. There is very little timber in the Township, what little there is being principally mesquite. The western boundary of the Township lies along and near the foothills of the Paso Verde mountains. This Township should be subdivided.

George Roskrug
U. S. Dep. Survey.

188A Preliminary Oaths of Assistants.
BOOK 1520

We George Roskrige
and George Cave

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 distance 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 accord-
ance with instructions given us in the survey of the 4th

Standard Parallel South
through Range 14 East

Territory of Arizona.

George Roskrige Chainman.

George Cave Chainman.

Subscribed and sworn to before me, this 23rd

day of Nov^r 1886

ARIZONA

William R. Brown
Notary Public.

YAVAPAI COUNTY

We William R. Kitt & 1856
George Cave BOOK 1520

solemnly swear that we will well and truly perform the
duties of Flagman & Axeman

the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
the survey of the 4th Standard
Parallel through Range
4 East -

Territory of Arizona.

Wm R Kitt
George Cave

Subscribed and sworn to before me this 23rd
day of November 1886

William J. Okham
Notary Public.



Field Notes
of the Survey of the
Fourth Standard Parallel
South
Through
Range No 14 East
of the
Gila and Salt River Meridian
of
Arizona Territory
As surveyed by
George J. Probst
U. S. Deputy Surveyor
Under his Contract No 2
Dated June 16th 1886

Survey commenced Mar 2. 1887
Survey completed. Mar 2. 1887.

4th Standard Parallel South through R 14 E.

Chassis

On the night of Mar 1st 1887
I took an observation on the Star Polaris
in accordance with instructions contained
in the Manual of Surveys and drove
pickets on the line thus established
Survey commenced Mar 2^d 1887
with a Young & Sons Solar Transit.
Before commencing this survey I test
my compass on the line established
last night and find it correct.

I begin at the Standard Corner
to Tpo 20 S. R's 13 & 14 E which is a
granite stone 16x12x10 in. firmly
set in the ground marked S. 6. on
N. face with 6 notches on N-E & W.
face and mound of stone along
side

Thence I run

Fourth Standard Para

Chain

East on South boundary of Sec 31
 Var. $12^{\circ} 30' E$

Over rolling land.

70.00

Set a volcanic stone $18 \times 12 \times 8$ ins 12 ins
 in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S.C. on W. face and raised
 a mound of stone along side, pits
 impracticable

From which

A mesquite 6 ins diam bears $S. 1^{\circ} E$
 106 lbs dist marked $S. \frac{1}{4}$ S.B.T.

A mesquite 4 ins diam bears $S. 19^{\circ} E$
 173 lbs dist marked $S. \frac{1}{4}$ S.B.T.

80.00

Set a granite stone $18 \times 10 \times 6$ ins 12 ins
 in the ground for Standard Cor.
 to Secs 31 & 32 marked $S. \frac{1}{4}$ with
 5 notches on E and 1 notch on W
 edges and raised a mound of
 stone along side, pits impracticable

Went South through R 14 E.

Chambers

Land rough and rolling

Soil 4th rate

Timber a few mesquites

East on South boundary of Sec 32

Var $12^{\circ}30'E$

Over rough rocky hills

2.00 Wash 10 lks wide, course $S45^{\circ}W$ and
line runs up and along N. side of
rocky hill

22.00 Summit of ridge 300 ft high and
continue along N. side hill

40.00 Set a granite stone $20 \times 16 \times 8$ ins 15
ins in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ S. E. on W. face and
raised a mound of stone along
side pit impracticable

69.00 Wash 15 ft deep course $N20^{\circ}W$ and

Fourth Standard Parallel

Chains

Line continuous along N slope of hills.

80.00 Set a granite stone 18 x 8 x 8 ins
12 ins in the ground for Standard
Sec. cor. to sec 32 & 33, ^{marked S. Cont. fac.}
_{marked with 4 notches}
on E and 2 notches on W edges and raised a
mound of stone along side pits impracticable

From which

An oak 6 ins diam bears N. 4° W. 170 lbs.
dist. marked S. 20 N. R. 14 E. S. 32 BT

An oak 6 ins diam bears N. 3° W. 190 lbs.
dist marked S. 20 N. R. 14 E. S. 32 BT.

No other trees within limits.

Land rough and hilly

Soil mineral

Timber scattering oak.

South through Range 14 East ^{boundary} ~~boundary~~
 chain

East or South boundary of Sec 33.

Var. $12^{\circ} 30' E$

Over North slope of rocky hill

70.00 Set a granite stone $24 \times 18 \times 12$ ins 18 ins
 in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S.C. on N. face and raised a
 mound of stone alongside, pits
 impracticable

From which

An oak 8 ins diam bears $S 50^{\circ} E 65$ lbs
 dist marked S.C. $\frac{1}{4}$ S B T

An oak 12 ins diam bears $S 53^{\circ} E 60$ lbs
 dist marked S.C. $\frac{1}{4}$ S B T

58.00 Line runs through gap and descend.

80.00 Set a volcanic stone $30 \times 20 \times 15$ ins
 22 ins in the ground for Standard
 Cor. to Secs 33 & 34 marked ^{S.C.} with
 3 notches on E & W. edges and
 raised a mound of stone along

Fourth Standard Parallel South

Charno

side, pits impracticable

From which

An oak 12 ins diam bears $N 8^{\circ} E 38$ lbs
diot marked T. 20 S. R. 14 E S. 34 BTAn oak 6 ins diam bears $N 74^{\circ} W 30$ lbs
diot marked T. 20 S. R. 14 E Sec 33 BTAn oak 8 ins diam bears $S 43^{\circ} E 160$ lbs
diot marked T. 21 S. R. 14 E Sec 3 BTAn oak 4 ins diam bears $S 1^{\circ} E 54$ lbs
diot marked T. 21 S. R. 14 E Sec 3 BT

Land rough rocky and mountainous

Soil mineral

Timber, oak

East on South boundary of Sec 34.

Var $12^{\circ} 30' E$

Line runs along South slope of hill

40.00 Set a granite stone $20 \times 10 \times 8$ ins 15 ins

through Range 14E - Continued
 ha. m. b.

in the ground for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4}$ S. E. on N. face and raised a
 mound of stone alongside, pits
 impracticable

00.00 Set a granite stone 18 X 12 X 10 in 12 in
 in the ground for Standard Cor to
 Secs 34 & 35 marked ⁵⁰ with 2 notches
 on E and 4 notches on W. edges, and
 raised a mound of stone alongside
 pits impracticable

From which

An oak 15 in diam bears $N 1^{\circ} E 106$ lbs
 dist marked T. 20 S. R 14 E. S. 35 BT

An oak 12 in diam bears $N 6\frac{1}{2}^{\circ} W 73$ lbs
 dist marked T. 20 S. R 14 E. S. 34 BT

An oak 6 in diam bears $N \frac{3}{4}^{\circ} E 64$ lbs dist
 marked T. 20 S. R 14 E. S. 35 BT

No other trees within limits

Land rough rocky and mountainous

Fourth Standard Parallel South
Chain

Soil mineral

Timber scattering oak

East on South boundary of Sec 35
Over $12^{\circ}30' E$.

Over South slope of rocky hill

40.00 Set a granite stone $30 \times 24 \times 6$ in 22 in
in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S.E. on N. face and raised a
mound of stones along side, pits
impracticable

46.00 Josephine Cañon 20 ft deep course
 $S 80^{\circ} W$.

62.00 Ravine 30 ft wide course $N 60^{\circ} W$.
and line runs along and up
steep rocky mountain

80.00 Set a granite stone $30 \times 20 \times 10$ in
 22 in in the ground for Standard
Cor. to Secs 35 & 36 marked ^{SE} with

through Range 14 East continued
 across

1 notch on E and 5 notches on W
 edges and raised a mound of stone
 along side, pits impracticable

From which

An oak 6 ins diam bears $N 18^{\circ} W. 30$ lbs
 dist marked T. 20 S. R 14 E S. 35 BT

An oak 8 ins diam bears $N 8^{\circ} E 55$ lbs dist
 marked T 20 S. R 14 E S. 36 BT

An oak 8 ins diam bears $N 6^{\circ} E 72$ lbs dist
 marked T. 20 S. R 14 E S 36 BT

An oak 8 ins diam bears $N 3^{\circ} W. 110$ lbs
 dist marked T. 20 S. R 14 E. S 35 BT

Land rough rocky and unmountainous
 Soil mineral

Timber scattering oak.

East on South boundary of Sec 36

Var $12^{\circ} 30' E.$

Line ascending over rough rocky

Fourth Standard Parallel South

Chains

- mountainous, very steep
- 15.00 Summit 700 ft high bears N E and S W and descend.
- 40.00 Set a granite stone 18 X 10 X 8 ins 12 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S E. on N. face and raised a mound of stone alongside. Pits impracticable.
- From here line runs over rough rocky ridges
- 80.00 Set a granite stone 20 X 10 X 10 ins 15 ins in the ground for Standard corner to Tps 20 S. R's 14 & 15 E marked S E with 6 notches on N. - E. and W edges, and raised a mound of stone alongside, Pits impracticable
- Land rocky and mountainous Soil mineral

through Range 14 East. Continued

Timber scattering oak

2^d Mar 1887.

General Description

This line runs over the South slope of the Santa Rita mountains

The Townships on each side are rough and broken and considerable prospecting for the precious metals has been carried on

In the Northern Township the Josephine Canon runs a good stream of water all the year around. There is considerable live oak in both Townships.

George J. Roskruege
U. S. Deputy Sur^r

Field Notes
of the Survey of the
Exterior boundaries of
Township 21 South Range 4 East
of the
Gila and Salt River Meridian
Arizona

as surveyed by
Geo J. Koskray
U. S. Dep. Surv^r
Under his Contract No 2
Dated June 16th 1886

Survey commenced Mar 3, 1887.
Survey completed Mar 3, 1887.

Final Oaths for Surveys.

203A

LIST OF NAMES.

BOOK 1520

A List of the Names of Individuals employed by
George Roskruge U. S. Deputy Surveyor to
 assist in running, measuring and marking the lines and
 corners described in the foregoing Field Notes of the survey of
 the 4th Standard Parallel
 South through Range
 14 East -

the principal base and meridian in the Territory of Arizona,
 showing the respective capacities in which they acted.

George Roskruge
George Cave } *Chainmen*
Wm R. Kitt } *Flagman*
George Cave } *Ascenda*



203B Final Oaths of Assistants.

BOOK 1520

We hereby certify that we assisted George J
Roskrige U. S. Deputy Surveyor, in surveying
the 4th Standard parallel
South through Range
14 East

of the principal base and meridian in the Territory of Arizona,
as are represented in the foregoing field notes as having been
surveyed by him and under his direction; and that said Survey
has been in all respects, to the best of our knowledge and belief,
well and faithfully surveyed, and the corner monuments es-
tablished according to the instructions furnished by the U. S.
Surveyor-General for Arizona.

George J Roskrige
George Leave
Wm R Pitt
George Leave

Subscribed and sworn to before me this 16th
day of March 188⁷

W. J. Osborn
Notary Public.

Final Oath of U. S. Deputy Surveyor. 203c

BOOK 1520

I George Roskrige

United States Deputy Surveyor, do solemnly swear that in
pursuance of instructions received from John

Hise — U. S. Surveyor General for Ari-
zona bearing date of the 16th day of June

1886 I have well, faithfully, and truly, in my own proper
person and in strict conformity, with the instructions furnish-
ed by the U. S. Surveyor General for Arizona, the surveying
manual and the laws of the United States surveyed the 4th

Standard Parallel South
through Range 14 East

of the principal base and meridian in the Territory of Ari-
zona, as are represented in the foregoing fields notes as having
been surveyed by me and under my direction; and I do further
solemnly swear that all the corners of the said survey have been
established and perpetuated in strict accordance with the survey-
ing manual, printed instructions, the special written instruc-
tions of the U. S. Surveyor General for Arizona, and in the

203D specific manner described in the field notes, and that the fo
ing are the true field notes of such survey, and should
fraud be detected I will suffer the penalty of perjury u
the provisions of an Act of Congress approved August 8, 1

George Hoskins
U. S. Deputy Surveyor

Subscribed and sworn to before me, this 10
day of March 1887

W. J. Osborn
Notary Public

BOOK 1520

Exteriors T^p 21 S. R 14 E.

On the night of March 2^d 1887.

I took an observation on the Star Polaris
in accordance with instructions contained
in the Manual of surveys and drove
pickets on the line thus established

Survey commenced. Mar 3. 1887.

with a Young & Sons Solar Transit

Before commencing this Survey I test my
compass on the line established last
night and find it correct

I begin at the cor to Secs 19. 24. 25
and 30 on the East boundary of the
Township established by Dep. Theo. F.

White which is a granite stone 13 x 6 x 6
ins. firmly set in the ground marked
with 4 notches on N and 2 notches on S.
edges and mound of stone alongside

Thence I run

Exteriors T. H. S. R. 146 - continued

South bet Secs 25 & 30

Var $12^{\circ}30'E$.

Over rolling land

18.00 Josephine cañon 70 ft deep course W.

40.00 Set a granite stone $40 \times 30 \times 18$ ins
30 ins in the ground for $\frac{1}{2}$ sec cor.
marked $\frac{1}{2}$ on W. face and raised
a mound of stone alongside pits
impracticable.

And line runs along

E slope of San Cayetano mountains

80.00 Set a granite stone $24 \times 14 \times 12$ ins
18 ins in the ground for cor to sec
25. 30. 31 & 36 marked with 5 notches
on N and 1 notch on S edges, and
raised a mound of stone alongside
pits impracticable

Land rolling first $\frac{1}{2}$ mile, balance
hilly.

Exteriors T. 21 S. R. 14 E continued

Soil worthless.

No timber.

South lot Secs 31 & 36

Dec. 12° 30' E

Over rough mountain side, line runs along E slope of San Cayetano mountains.

- 4.50 Ravine 10 ft deep course N 30° E.
- 46.00 Set a granite stone 18 X 12 X 10 ins 12 ins in the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone alongside, pits impracticable
- 49.00 Ravine 6 ft deep course N 50° E.
- 71.00 Ravine 6 ft deep course N. 60° E.
- 80.00 Set a granite stone 18 X 8 X 8 ins 12 ins in the ground for cor. to Tpo. 21 & 22 S. R's 13 & 14 E, marked with 6 scratches

Exteriors T. 21 S. R. 14 E - continued

on each edge and raised a mound
of stone alongside, puts impracticable
land, rough rocky and mountainous
soil worthless

No timber.

From the cor to Tps 21 & 22 S. R's 13
& 14 E. I run

East on a true line bet Sec 6 & 31

Var. $12^{\circ} 30' E$.

Descending from cor. over rough E.
slope of San Cayetano mountains

- 31.00 Ravine 6 ft deep course $N 10^{\circ} E$ and
foot of slope, and commence ascent
of little rocky hill
- 36.00 Ravine 6 ft deep course $N 15^{\circ} W$.
- 38.00 Summit of little rocky hill bearing
 N and S . 150 ft high

Exteriors T₂₂S. R14E - Continued

- 40.00 Set a granite stone 18 x 10 x 8 ins 12 ins
in the ground for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. face and raised a mound
of stone alongside, pits impracticable
- 50.00 Leave East slope of San Cayetano
mountains and enter rolling land.
- 62.00 Wash 30 lbs wide course N. 20° E.
- 78.30 Wash 30 lbs wide course N. 80° E.
- 80.10 Set a volcanic stone 15 x 12 x 12 ins
10 ins in the ground for cor to secs
5. 6. 31 & 32 marked with 5 notches
on E and 1 notch on W. edges and
raised a mound of stone alongside
pits impracticable

From which

A mesquite 10 ins diam bears S. 7° W
230 lbs dist marked T₂₂S. R14E S6BT
No other trees within limits
Land rough and mountainous for 50

Exterior T. 21 S. R. 14 E - continued

chs balance rolling

Soil worthless

Timber few mesquite.

East on a true line bet Secs 5 & 32.

Var. $12^{\circ} 30' E$.

Over rolling land.

- 40.00 Set a volcanic stone $36 \times 18 \times 18$ ins
27 ins in the ground for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ on N. face and raised
a mound of stone alongside, pit
impracticable
- 47.00 Wash 20 lbs wide course $N 30^{\circ} W$ and
ascend West slope of rocky hill
- 80.00 On NW slope of rocky hill about
400 ft high set a granite stone $30 \times$
 20×14 ins 22 ins in the ground
for cor to secs 4, 5, 32 & 33 marked

Exteriors F. 21 S, R 14 E - Continued

with 4 notches on E and 2 notches on W
edges, and raised a mound of stone
alongside, pits impracticable.

Land rolling for 47chs balance rough
and hilly

Soil worthless

No timber.

East on a true line bet Secs 4 & 33

Var. $12^{\circ} 30' E$.

Along N. slope of rocky hill

39.50 Ravine 4ft deep course N.

40.00 Set a granite stone $40 \times 20 \times 20$ ins
30 ins in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ on N. face and raised a
mound of stone alongside, pits
impracticable

From which

Exterior of T. 21 S. R. 14 E. Continued

An oak 4 ins diam bears N 50° E. 63 lbs
dist marked $\frac{1}{4}$ S B T.

An oak 8 ins. diam bears N 46° E 100 lbs
dist. marked $\frac{1}{4}$ S B T.

80.00 Set a granite stone 24 x 20 x 15 ins
18 ins in the ground for cor to secs 3.
4. 33. & 34 marked with 3 notches
on E & W. edges and raised a mound
of stone alongside, pits impracticable
from which

An oak 6 ins. diam bears N 42° W 56 lbs
dist. marked T. 21 S. R 14 E S 33 BT

An oak 8 ins. diam bears N 43° W 70 lbs
dist. marked T. 21 S. R 14 E S. 33 BT

An oak 6 ins diam bears S. 84° W 61 lbs
dist marked T. 22 S R 14 E S. 4 BT

No other trees within limits
Land rough and rocky
Soil worthless

Exterior T. 21 S. R. 14 E - Continued

Timber a few oaks.

East on a true line bet Secs 3 & 34

Dir. $12^{\circ}30' E$.

Line runs along N slope of rocky hill ascending.

18.00 Summit of rocky hill 400 ft high and line runs along over broken ridges

40.00 Set a granite stone $18 \times 8 \times 6$ ins 12 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone alongside

80.00 Set a granite stone $20 \times 14 \times 8$ ins 15 ins in the ground for cor to secs 2-3-34 & 35 marked with 2 notches on E and 4 notches on W. edge, and raised a mound of stone alongside pits impracticable

Exteriors T. 21 S. R. 14 E - continued

Land rough rocky and hilly

Soil worthless

Timber a few mesquites

East on a true line bet Secs 2 & 35

Var $12^{\circ} 30' E$.

Over rough broken hills

40.00 Set a granite stone $36 \times 20 \times 15$ ins
27 ins in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ on N. face and raised
a mound of stone alongside pits
impracticable

and line descends

70.00 Wash 20 fms wide course $S 50^{\circ} E$

80.00 Set a granite stone $20 \times 15 \times 12$ ins
15 ins in the ground for cor to secs
1, 2, 35 & 36 marked with 1 notch on
E and 5 notches on W. edges and

Enterion P. 21 S. R14 E - continued

raised a mound of stone alongside
pits impracticable.

Land rough broken and mountainous

Soil worthless

Timber a few oak trees

East on a true line bet Secs 1 & 36.

Nov 12° 30' E.

Over rough broken land.

18.00 Wash 20 lbs wide course S.

40.00 Set a granite stone 15 x 10 x 8 ins
10 ins in the ground for $\frac{1}{4}$ sec cor.

marked $\frac{1}{4}$ on N. face and raised
a mound of stone alongside, pits
impracticable

From which

An oak 8 ins diam bears N70°W 40 lbs
dist marked $\frac{1}{4}$ S.B.F.

Exterior T. 21 S. R. 14 E - continued.

- An oak 10 ins diam bears N72° W 23 lbs dist
marked $\frac{1}{4}$ S B F.
- 62.00 Ash cañon 50 lbs wide course S10° W.
- 73.00 Wash 15 lbs wide course N30° W.
- 80.00 Set a granite stone 20 X 18 X 6 ins 15 ins in the
ground for cor to Tps 21 & 22 S R's 14 & 15 E.
marked with 6 notches on each edge and
raised a mound of stone along side, pits
impracticable. From which
- An oak 8 ins diam bears S30° W. 88 lbs dist
marked T. 22 S. R. 14 E S. 1 BT
- An oak 10 ins diam bears N85° W. 110 lbs dist
marked T. 21 S. R. 14 E S. 36 BT
- An oak 6 ins diam bears N20° E. 70 lbs dist
marked T. 21 S R. 15 E S. 31 BT
- An oak 4 ins diam bears S35° E. 60 lbs dist
marked T. 22 S R. 15 E. S. 6 BT
- Land rough and hilly. Soil mineral
Timber scattering oak

Exteriors T. 21 S. R. 14 E. Continued

Chain

From the cor to Tp 21 & 22 S. R's
14 & 15 E 1 mi

North bet Secs 31 & 36

Var. $12^{\circ} 30' E.$

Over broken land.

36.00 Oak canon 100 lbs wide course $S 15^{\circ} W.$

40.00 Set a granite stone 16 X 8 X 8 ins. 11 ins
in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ on N face and raised a mound
of stone alongside, pits impracticable
From which

An oak 6 ins diam bears $S. 52^{\circ} E 65$ lbs dist
marked $\frac{1}{4}$ S B T.

An oak 10 ins diam bears $S. 16^{\circ} W. 70$ lbs dist
marked $\frac{1}{4}$ S B T.

64.50 Old stone fortifications 2 obs East of line

80.00 Set a granite stone 20 X 12 X 8 ins 15 ins
in the ground for cor to Secs 25. 30. 31
& 36 marked with 5 notches on N and

Exterior Township

Charris

1 notch on Sedges and raised a mound
of stone alongside pits impracticable

From which

An oak 6 ins. diam bears S. $21\frac{1}{2}^{\circ}$ W. 198 lks
dist. marked T. 21 S. R. 14 E. S. 36 BT

No other trees within limits

Land rough and rocky

Soil mineral

Timber scattering oak

North bet Secs 25 & 30.

Var $12^{\circ} 30' E.$

Over rolling broken ground

0.50. Wash 10 lks wide course S. 15° W.

6.00 Road from Salero to the Sonovita
course N 40° W. and S 40° E.

11.00 Branch of same road course N 70° W
and S 70° E.

21 South Range 14 East. Continued.

Chain

20.00 Wash 1 ch wide course $N. 60^{\circ} W.$

40.00 Set a granite stone $20 \times 12 \times 8$ ins 15 ins
in the ground for $\frac{1}{4}$ sec cor marked,
 $\frac{1}{2}$ on W. face, and raised a mound
of stone alongside, pits impracticable
From which

An oak 12 ins diam bears $N 10\frac{1}{2}^{\circ} W.$ 180 lbs dist marked $\frac{1}{4}$ S B T.An oak 14 ins diam bears $N 15^{\circ} 30' E 170$ lbs dist marked $\frac{1}{4}$ S B T.65.00 Wash 10 lbs wide course $S 40^{\circ} W.$

80.00 Set a granite stone $20 \times 14 \times 8$ ins
15 ins in the ground for cor to sec
19. 24. 25 & 30 marked with 2 notches
on S and 4 notches on N edges
and raised a mound of stone along
side pits impracticable
Land rolling and broken
Soil mineral

Exteriors T. 21 S. R. 14 E. continued
 Chain

Timber, scattering oak.

North bet Secs 19 & 24

Var. $12^{\circ}30'E$.

Over rocky rolling ground

16.00 Wash 30 lks wide, course $S 70^{\circ} W$.

28.00 Wash 20 lks wide course $S 40^{\circ} W$. and
 commence ascent of rough hill

40.00 Set a granite stone $30 \times 20 \times 20$ ins $2 \frac{1}{2}$ ins
 in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$
 on N. face and raised a mound of
 stone alongside, pits impracticable

From which

An oak 6 ins diam bears $N 30^{\circ} E$ 90 lks dist
 marked $\frac{1}{4}$ S B T.

An oak 8 ins diam bears $N 82^{\circ} E$ 100 lks
 dist. marked $\frac{1}{4}$ S B T.

80.00 Set a granite stone $30 \times 20 \times 12$ ins

Extensive T. 21 S. R. 14 E - continued

22 ins in the ground for cor to secs
13. 18. 19 & 24 marked with 3 notches
on N and S edges and raised a
mound of stone alongside, pits
impracticable

Land rough rocky and mountainous

Soil mineral

Timber scattering oak.

North bet Secs 13 & 18

Var. $12^{\circ} 30' E$.

Ascending over rough hills

10.00 Summit of hill 800 ft high bears
N $70^{\circ} E$ and S $70^{\circ} W$ and descend.

25.00 Foot and ravine course S. $70^{\circ} W$
and line runs over broken ridge

40.00 Set a granite stone $24 \times 18 \times 5$ ins
18 ins in the ground for $\frac{1}{2}$ sec

Exteriors F. 21 S. R 14 E - Continued

cor. marked $\frac{1}{4}$ on W. face and raised
a mound of stone alongside, pits
impracticable

From which

An oak 8 ins diam bears S. 62° W. 18 lbs
dist marked $\frac{1}{4}$ S B T.

An oak 8 ins diam bears N 21° W 33 lbs
dist marked $\frac{1}{4}$ S B T.

- 40.90 Ravine 5 ft deep course W.
46.00 Ravine 6 ft deep course S 70° W
53.00 Ravine 8 ft deep course S 50° W
79.70 Trench 10 ft deep course W.
80.00 Set a granite stone $20 \times 12 \times 6$ ins
15 ins in the ground for cor to sec
7. 12. 13 & 18 marked with 2 notches
on N and 4 notches on S edges.
and raised a mound of stone
alongside, Pits impracticable
From which

Exterior T. 21 S. R. 15 E. continued

An oak 18 ins diam bears $N 7^{\circ} E$ 120 lbs
dist marked T. 21 S. R. 15 E S 7 BT

An oak 8 ins diam bears $N 73^{\frac{1}{2}} E$ 153 lbs
dist marked T. 21 S. R. 15 E S 7 BT

An oak 6 ins diam bears $S 81^{\frac{1}{4}} E$ 108 lbs
dist marked T. 21 S. R. 15 E S. 18 BT

An oak 8 ins. diam bears $S. 71^{\circ} E$ 103 lbs
dist. marked T. 21 S. R. 15 E. S. 18 BT

Land rough rocky and mountainous
Soil mineral

Timber scattering oak.

North bet Secs 7 & 12.

Var $12^{\circ} 30' E$.

Over rough mountainous land.
ascending from cor.

36.00 Ravine 5 ft deep course $S 70^{\circ} W$

37.00 Ravine 5 ft deep course $S 60^{\circ} W$

Exteriors T. 21 S. R. 14 E - continued

40.00 Set a granite stone 18 x 12 x 8 ins 12 ins
in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$
on W. face and raised a mound of
stone alongside.

From which

An oak 18 ins diam bears N 39° E 50 lbs
dist marked $\frac{1}{4}$ S B T.

An oak 6 ins diam bears N 40° E 70 lbs
dist marked $\frac{1}{4}$ S B T

53.00 Summit of ridge 700 ft high bears
N E & S W. and descend.

68.00 Foot of hill and gulch 10 ft deep
course S 30° W. and line runs over
ridges.

77.00 Gulch 10 ft deep course S 80° W. and
ascend very steep.

80.00 Set a granite stone 30 x 24 x 14 ins
22 ins in the ground for cor to sec
1. 6. 7. & 12 marked with 5 notches

Exterior S. 21 S. R. 14 E - continued

on S and 1 notch on E edges, and
raised a mound of stone alongside
pits impracticable

Land rough and mountainous.

Soil mineral

Timber scattering oak.

North bet Secs 1 & 6

Var. $12^{\circ} 30' E$.

Ascending over rough mountain side.

7.00 Summit of ridge 500 ft high bearing
E & W. and descend.

28.00 Ravine 10 ft deep course $N 30^{\circ} E$.

and line runs along mountain side

40.00 Set a granite stone $16 \times 8 \times 8$ ins 11 ins
in the ground for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on W. face and raised a mound
of stone alongside, pits impracticable

Exteriors T. 21 S. R. 14 E. - continued

70.00 Ravine 15 ft deep course N 70° E

80.85 Intersect the 4th Standard Parallel South at 186 lks W. of the Standard cor. to Tps 20 S. R's 14 & 15 E previously established and described by me.

For Closing Corner to Tps 21 S. R's 14 & 15 E I set a granite stone 18 x 18 x 8 ins 12 ins in the ground marked C.C. with 6 notches on S-E & N edges and raised a mound of stone alongside, pits unpracticable Land rough rocky and mountainous Soil mineral

Timber scattering oak and cedar.

3 March 1887.

Exterior F. 21 S. R 14 E - Continued

General Description

This Township may be classed as a mineral Township. It contains very little, if any agricultural land and is covered by rough, rocky hills.

There has been considerable mining carried on in this Township but at the present time there is only a little prospecting being done.

There are 3 or 4 parties engaged in stock raising. The timber consists of oak and some juniper and cedar. The old mining Hacienda of Salero is located near the center of the Township. The famous Salero mine is in Sec 24.

This mine is one of the oldest in the Territory but at present no work is being done. This

Extensior T. 21 S. R 14 E - continued

Township should be subdivided
George Roskruge
U. S. Dep. Survr

For final Oaths see book no. 27.

U. S. Surveyor-General's Office,

Tucson, A. T. February 16/89

The foregoing field notes of the surveys of the Exterior Lines of

Township 21 South-Range 11 East,
 Township 15 South-Range 11 East,
 Township 15 South-Range 10 East,
 Township 22 South Range 10 East,
 Township 15 South-Range 8 East,
 Township 15 South-Range 7 East,
 Township 21 South-Range 9 East,
 Township 21 South-Range 8 East,
 Township 22 South-Range 8 East,
 Township 21 South-Range 14 East, and
 Fourth Standard Parallel South through
 Range 14 East. Gila & Salt River Meridian in Arizona, executed by George J. Roskrue, U. S. Deputy Surveyor, under his

contract dated June 16th. 1886, having been critically examined, the necessary corrections and explanations made. the said Field Notes and the surveys they are hereby approved.

John Hese
 U. S. Surveyor General
 for the Territory of Arizona