

1484

BOOK 1484

1484

F I E L D N O T E S

OF THE SURVEY OF THE

4th Standard Parl. South Through
Range 22 E. and Exteriors of
T. 19 and 20 S., R. 22 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Theo. F White, D.S., under
Contract dated Oct. 17, 1881
Survey commenced Dec. 7, 1881.
Survey completed Dec, 10, 1881.

BOOK 1484

	104	106	108	110	111	112	
2	6	5	4	3	2		194
4	7						1243
5	18	S. 12 S. R. 226				13	92
7	19						2490
8	30						2589
10	31	32	33	34	35	36	87
	64	66	68	75	79	79	
15	6	5	4	3	2	1	56
17	7						1254
19	18	S. 20 S. R. 226				13	52
20	19						2950
22	30						2578
24	31	32	33	34	35	36	47
29	31	32	33	35	36		

4 St. Paul, S.

1484

Field - Notes BOOK 1484

Exterior for lines

West Boundary T. 19 S. R. 22 E. Page
1

" " T. 20 S. R. 22 E. 15

4 Stand. S. S. By. T. 20 S. R. 22 E. 29

East Boundary T. 20 S. R. 22 E. 47

North Boundary T. 20 S. R. 22 E. 63

→ East " T. 19 S. R. 22 E. 87

→ North " T. 19 S. R. 22 E. 103

Preliminary Oaths of Assistants.

We, *J. H. McClure*
and *J. C. Ford*

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability and in accordance with the instructions given us

*In the survey of the Exterior lines
of T. 19 S. R. 22 E. and the Exterior
lines of T. 20 S. R. 22 E. Gila and
Salt River Meridian & Base line*

*J. H. McClure
J. C. Ford*

Sworn to and subscribed before me, this *5th* day of

December, 1881

*Paul Piecker
Notary Public
Pima County, Arizona.*

We, John Blake, Samuel Maupelt
Joseph Schwarz and Geo. J. Wyatt

do solemnly swear that we will well and truly perform the
 duties of Aceman, Flagman and
Mountmen respectively

in the establishment of corners and other duties according to
 instructions given us, and to the best of our skill and ability.

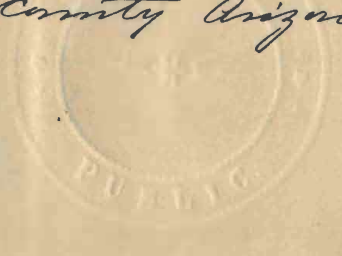
in the survey of the Exterior lines
 of T. 19 S. R. 22 E. and the Exterior
 lines of T. 20 S. R. 22 E. Gila and
 Salt River Meridian and Base lines.

John Blake Aceman
James Maupelt Flagman
Joseph Schwarz Mountman
Geo. J. Wyatt Mountman

Sworn to and subscribed before me this 5th day of

December, 1881

Paul Rice
 Notary Public Pima
 County Arizona



West Bdy
19-22

BOOK 1484

Exterior Boundaries T. 19. S. R. 21 & E.

Gila & Salt River Meridian

Survey commenced December
7. 1881. with Burto im-
proved Solar Compass

I begin at the cor. to Tps 18 & 19
S. Rs. 21 and 22. E. which is a
post 4 ins. square marked
T. 18 S. S. 31. on N. E.
R. 22. E. S. 6. on S. E.
T. 19 S. S. 1 on S. W. and
R. 21 E. S. 36 on N. W. faces
with 6 notches on each edge;
dug pits 24 x 18 x 12 ins. length
wise on each line N. S. E. and
W. of post. 6. ft dist, and
raised a mound of earth 2 ft
high 5. ft base, around post
from which.

a. Cedar. 9 ins. diam. bears North 130 lks dist.
marked T. 18 N. R. 21. 22 E. S. 31. 36. B. T.

Exteriors T. 19. S. R. 21. E. continued

chains

Phence Inn

South between secs. 1 and 6.

Var. $12^{\circ} 21' E$.as per observation with a Burts
Improved Solar Compass.

- 6.00 Dry Wash 50 lks wide course W.
 10.58 ascend to top of bluff bank
 12.80 Road course W.
 16.00 Dry Wash 20 lks wide course W.
 29.75 Road course W.
 37.80 Dry Wash 40 lks wide course W.
 40.00 Set a Limestone $19 \times 13 \times 5$ ins.
 14 ins. in the ground, for $\frac{1}{4}$
 sec. cor. marked $\frac{1}{4}$ on W. face
 and raised mound of stone
 alongside from which
 a Mesquite 6 ins. diam. bears N. $68^{\circ} E$. 118 lks dist.
 marked $\frac{1}{4}$ Sec. B. T.
 43.65 Descend from bluff bank in

Exterior T. 19. S. R. 21. E. continued

chains

wash course W.

45.40 Leave Wash course W.

80.00 Set a post, 4 ft long 4 ins.
square, with marked stone
12 ins. in the ground for cor.
to secs. 1, 6, 7 and 12 marked
✓ T. 19 S. S. 6 on N. E.

R. 22 E. S. 7 on S. E.

R. 21 E. S. 12 on S. W. and
S. 1 on N. W. faces with
1 notch on N. and 5 notches
on S. edges, dug pits 18+18+12
ins. in each sec 5½ ft dist.
and raised a mound of
earth, 2 ft high, 4½ ft base,
around post.

Land, rolling and broken
soil, poor.

No timber, very brushy.

Exteriors. T. 19. S. R. 21. E. continued

chains

South between Secs. 7 & 12.

Var. $12^{\circ} 21' E.$

- 34.40 Little grass streak 100 lbs
wide course N.
- 40.00 Set a granite stone $15 \times 9 \times 6$ ins.
10 ins. in the ground for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on W. face
and raised a mound of stone
alongside from which
a Mesquite 4 ins. diam. bears S. 68° W. 59 lbs dist.
marked $\frac{1}{4}$ S. B. T.
- a Mesquite 6 ins. diam. bears S. 40° W. 139 lbs dist.
marked $\frac{1}{4}$ S. B. T.
- 80.00 Set a limestone $12 \times 8 \times 7$ ins. 8
ins. in the ground for cor. to
Secs. 7. 12. 13 and 18 marked
with 2 notches on N. and
4 notches on S. edges dug
pits $18 \times 18 \times 12$ ins. in each

Exteriors T. 19 S. R. 21. E. continued

chain

sec. $5\frac{1}{2}$ ft dist. and raised
 a mound of earth ^{2 ft high. $\frac{1}{2}$ ft base} along
 side. from this corner.

a. Mesquite 5 ins. diam. bears S. 60° W. 265 ^{ft} dist.
 marked T. 19 S. R. 21 E. S. 13. B. T.

Land rolling

Soil poor.

No timber very brushy.

X

South between Secs. 13 & 18.

Var. $12^{\circ} 21' E.$

5.50 Little grassy ravine course W.

' 28.40 Top of rise.

40.00 Set a granite stone $14+9+8$ ins.
 9 ins. in the ground, for $\frac{1}{4}$ Sec.

Cor., marked on W. face, dug
 pits, $18+18+12$ ins., N & S. of stone
 $5\frac{1}{2}$ ft dist. and raised a

Exteriors T. 19. S. R. 21. E. continued

chains

mound of earth $1\frac{1}{2}$ ft high,
 $3\frac{1}{2}$ ft base alongside.

60.00 Enter little grassy valley
 course W.

62.50 Leave same.

80.00 Set a Limestone $13 \times 8 \times 5$ ins.
 pins. in the ground for cor.
 to Secs 13, 18, 19 and 24
 marked with 3 notches on
 N. and S. edges, and raised
 a mound of stone alongside
 from the cor.

a Mesquite 10 ins. dia. bears S. $24\frac{1}{4}^\circ$ W. 178 lbs dist
 marked T. 19. S. R. 21 E. S. 24.

B. 1.

Land rolling and broken
 Soil, 2^d rate.

No timber Brushy.

Esteros S. 19 S. R. 21. E. continued

chains

South bet. Secs. 19 and 24.

Pa. $12^{\circ} 21' E.$

40.00 Set a limestone $13 \times 8 \times 6$ ins.
8 ins. in the ground, for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. 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, along
side.

54.00 Top of rise & descend gradually

65.27 Freight road Tombstone to
Beuson course N. N.

80.00 Set a limestone $13 \times 11 \times 6$ ins.
8 ins. in the ground, for cor. to
secs. 19. 24. 25 and 30 marked
with 4 notches on N. and
2 notches on S. edges, and raised
a mound of stone alongside.
Pits impracticable

Exteriors N. 19. S. R. 21. E. continued

chains

Land rolling
Soil 2^d rate
No timber, very brushy.

South bet. Secs. 25 & 30
Ta. 12° 21' E.

- 4.00 Dry Wash 100 lks wide course N.
- 5.66 ascend
- 6.50 Top of ascent
- 15.90 Descend from Bluff mesa.
- 16.70 Bottom
- 26.00 Wash 150 lks wide course N. N.
- ascend Bluff bank
- 28.30 Top of Bank
- 32.30 Dry Wash 5 lks wide Course N. N.
- 40.00 Set a limestone 15 x 9 x 5 ins.
10 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on N. face

BOOK 1904
9
Exterior T. 19. S. R. 21. E. continued

chains

- and raised a mound of stone
alongside. Pits impracticable
- 51.90 Road from Tombstone to
Contention corse N.
- 73.70 Dry Wash 10 lks wide corse N. W.
- 80.00 Set a granite stone $12 + 8 + 6$ ins.
8 ins. in the ground for cor.
to Secs. 25. 30. 31. and 36 marked
with 5 notches on N. and 1
notches on S. edges dug pits
 $18 + 18 + 12$ ins. in each sec.
 $5\frac{1}{2}$ ft dist. and raised a
mound of earth ^{2 ft. high, $\frac{1}{2}$ ft. base} alongside.
Land rolling and broken
mesa land.
Soil 2^d rate
No timber, Brushy
-

Exterior S. 19. S. R. 21. E. continued

Chains

South bet. secs. 31 & 36.

Var. $12^{\circ} 29' E.$

as per solar observation.

5.77 Telegraph line from Tombstone to Grand Central etc. course S. W.

10.64 Road from Tombstone to Grand Central Mill course S. W.

37.00 Run road course West.

40.00 On top of mesa set a limestone $12 \times 8 \times 6$ ins. 8 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on N. 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 along side.

descend

60.60 Dry wash 15 lks wide course S. W.

80.00 Set a post, $4\frac{1}{2}$ ft long 4 ins.

Exterior S. 19. S. R. 21. E. continued

chains

square, with marked stone
12 ins. in the ground for cor.
to Tps 19 and 20 S. Rs 21
and 22 E. marked

T. 19 S. S. 31 on N. E.

R. 22 E. S. 6 on S. E.

T. 20 S. S. 1. on S. W. and

R. 21 E. S. 36 on N. W. faces

with 6 notches on each edge
dug pits 24 + 18 + 12 ins. length-
wise on each line N. S. E.

and W. of Post 6 ft dist.

and raised a mound of
earth 2 1/2 ft high 5 ft base
around post.

Land rolling and broken
Soil poor.

No timber some brush.

Exterior. - Bet. Tps. 19 S. Rs. 21 & 22 E.
Gila & Salt River Meridian

General Description:

Township line between
Tps. 19 S. Rs. 21 & 22 E. - the West
Boundary of Tps. 19 S. R. 22 E.
passes over a rolling, partly
broken and partly flat sur-
face. The soil is poor. There
is no timber along the line, but
much brush in places. Tps.
19 S. R. 21 E. lies along the
San Pedro River, but all the
cultivable land in it is
covered by the San Juan de
las Boquillas Private Land Claim.
Tps. 19 S. R. 22 E. is altogether
miserable land of poor quality
for the most part.

Hubbard H. White
U.S. Deputy Surveyor.

West - 20 S - 22 E

Exterior Boundaries T. 20 S. R. 21. E.

G & S. R. M.

chains

- From the cor. to ^{just established} Tps 19 & 20 S.
 Rs 21 & 22. E. From
 South bet. Secs. 1 & 6.
 Var $12^{\circ} 27' E$.
 as per observation with Solar Compass.
- 2.25 Descend from mesa.
 3.00 Bottom & enter little valley
 course N.
 5.76 Road from Tombstone to San Pedro
 valley course N.
 6.00 Enter wide wash course N.
 8.60 Leave same.
 8.84 Top of Bank
 13.35 Point of mesa extends N.
 19.30 Dry bed of stream 30 lks wide
 course N.
 20.44 Point of mesa extends N. E.
 22.30 Gulch 10 lks wide course N. E.
 40.00 Set a post 3 ft long 3 ins. square,

Exterior N. 20 S. R 21. E. continued

chains

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

80.00 Set a post, 4 ft long 4 ins. square with marked stone 12 ins. in the ground for cor. to Secs. 4, 6, 7 and 12. marked

N. 20 S. S. 6 on N. E.

R. 22 E. S. 7 on S. E

R. 21 E. S. 12 on S. W. and

S. 1 on N. W. faces, with 1 notch on N. and 5 notches on S. edges, dug pits $18 \times 18 \times 12$

Exteriors N. 20. S. R. 21. E. continued

chains.

ins. in each sec. $5\frac{1}{2}$ ft. dist.
 and raised a mound of
 earth, 2 ft high $4\frac{1}{2}$ ft base,
 around post. from which
 a mesquite 6 ins. diam. bears N. $85\frac{1}{2}^{\circ}$ E. 98 lbs dist.
 marked T 20 S. R 22 E., S. 6 B. T.
 a mesquite 4 ins. diam. bears N. 10° W. 67 lbs dist.
 ✓ marked T 20 S. R 21 E. S. 1. B. T.

Land rolling
 Soil 2^d. rate

No timber. Brushy.

South bet. Secs. 7 & 12

Par. $12^{\circ} 27' E.$

- 11.06 Dry Wash 10 lks wide course W.
 18.40 Dry Wash 8 lks wide course W.
 38.10 Dry Wash 10 lks wide course W.
 40.00 Set a post 3 ft long 3 ins. square

Exteriors T. 20. S. R 21. E. continued

chains

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

77.80 Dry wash 30 lks wide course N.

80.00 Set a granite stone $20+10+6$ ins.
15 ins. in the ground for cor.
to Secs. 7. 12. 13 and 18 marked
with 2 notches on N. and
4 notches on S. edges, and
raised a mound of stone
alongside. Pits impracticable
Land mostly flat or undulating
Soil 2^d rate
No timber but Brushy

Exteriors N. 20. S. R. 21. E. continued

chains

South bet. Secs. 13 & 18.

Var. $12^{\circ} 27' E.$

- 7.00 Top of ridge 50ft high.
extending W. descend
- 13.80 Rocky gulch 20 ft wide course N.W.
- 23.00 Foot of steep N. W. slope & ascend
- 40.00 A Rock in place 30×18 ins.
standing 2ft out of ground
which I mark for $1/4$ sec. cor.
with a cross (+) at exact cor.
point and raise a mound
of stone alongside.
- 42.50 Top of high rocky ridge 35ft
high extends S. W.
- 56.00 Rocky gulch course S.W. ascend
- 66.00 Top of another ridge 150ft high
extends W. and descend
- 71.00 Bottom of descent
- 80.00 Set a post 4 ft long 4 ins.

Exterior N. 20 S. R 21. E. continued

chains

square with marked stone
12 ins. in the ground for
cor. to Secs. 13. 18. 19 and 24
marked

N. 20 S. 18. on N. E.

R. 22 E. S. 19 on S. E.

R. 21. E. S. 24 on S. W. and

S. 13. on N. W. faces with
3 notches on N. and S. edges
and raised a mound of
stone 2 ft high, 4 1/2 ft base,
around port. Pits in pasture
land very broken
Soil rocky and poor
No timber some brush

South bet. Secs. 19 & 24
Var. 12° 27' E.

Exterior P. 20. S. R. 21. E. continued

Chains.

- 17.00 Descend from table land
- 25.45 Dry Wash 20 lks wide course N.
ascend
- 32.00 Top of ridge 50 ft high extends N.
- 40.00 Set a granite stone 18 x 12 x 4 ins
12 ins. in the ground, for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ on N. face
dig 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 base alongside.
- 41.12 Dry wash 20 lks wide course N. ascend
- 48.00 Top of ridge extending N.
- 54.25 Dry wash 40 lks wide course N.
ascend
- 69.00 Top of rocky ridge course N. & descend
- 74.10 Gulch 10 lks wide course N.
- 80.00 Set a granite stone 14 x 10 x 5 ins,
9 ins. in the ground, for cor. to

Exteriors N. 20 S. R. 21. E. continued.

chains

Secs 19, 24, 25 and 30, marked
with 4 notches on N. and 2
notches on S. edges, and
raised a mound of stone
along side. Pits impracticable
Layd rolling broken Rockly
Soil poor.

No timber some brush
Dec. 7. 1881.

South bet. Secs. 25 + 30

Var. $12^{\circ} 27' E.$

- 5.45 Road from Tombstone to Boston Mill
course S. W.
- 17.20 Gulch 18 lbs wide course N. ascend
- 31.00 Top of rocky ridge 75ft high course S. W.
- 40.00 Set a granite stone $12 \times 10 \times 7$ ins.
8 ins. in the ground, for $\frac{1}{4}$ Sec.

Exteriors T. 20 S. R. 21. E. continued

chains

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

42.65 Rocky gulch 15 lbs wide course S. W.

47.32 Dry bed of stream in rocky gulch
20 lbs wide, course W.

53.07 Road from Pinstone to Horrells
Rauch course W.

65.50 Top of ridge descending course S. W.

75.05 Gulch 20 lbs wide course S. W.

80.00 Set a limestone $13 \times 10 \times 9$ in. \varnothing
in. in the ground, for cor. to
Secs. 25. 30. 31 and 36. marked
with 5 notches on N. and 1
notch on south edges, and
raised a mound of stone along
side $2\frac{1}{2}$ ft high. 5 ft base, *It is impracticable*
land broken and rocky
Soil poor. No timber

Exterior T. 20 S. R. 21. E. continued

chains

South bet. Secs. 31 & 36.

Var. $12^{\circ}27'E$.

30.72 Line of Telegraph Tombstone to Charleston course S. W.

37.00 Main road Tombstone to Charleston course S. W.

40.00 Set a Limestone $10 \times 10 \times 8$ ins.
 7 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.

72.02 Road Tombstone to Bradshaw Mine
course S. W.74.80 Gulch 20 lbs wide course S. W.
runs into San Pedro River near
Charleston80.00 Set a granitestone $15 \times 8 \times 7$ ins.

Exteriors T. 20 S. R. 21. E. continued

chains

10 ins. in the ground for Standard
 Cor. to Tps. 20 S., Rs 21 & 22 E.
 marked S. C., with 6 notches
 on N. E. & W. edges, and raised a
 mound of stone alongside $3\frac{1}{2}$
 ft high, 5 ft base, from which
 a Cottonwood 10 ins. diam. bears N. $33\frac{1}{4}$ ° W. 175 lps dist.
 marked T. 20 S. R. 21 E. S. 36, R. 1.

This cor. is 60 lps E. of road from
 Tombstone to Bradshaw Mine

The N. E. cor. of house on Bronkow Mining
 claim br S. $70^{\circ}40'$ W.

The smoke pipe of Bradshaw
 hoisting works bears S. $31^{\circ}20'$ W.

The above Cottonwood marked for witness
 tree stands along the above mentioned
 gulch where the road crosses gulch & on
 W. of Road.

Land rolling

Exterior S. 20 S. R. 21 E. continued

cheius

Soil poor.

No timber, some brush.

December 8. 1881.

Exterior: - Bet. Tps. 20 S. Rs. 21 & 22 E.
Gila & Salt River Meridian

General Description:

Township line between
Tps. 20 S. Rs. 21 & 22 E. - The West
Boundary of Township 20 S.
R. 22 E. passes over a broken
hilly and rolling surface.
The soil is poor or worth-
less but shows indications
of mineral places. Tps.
20 S. R. 21 E. lies along the San
Pedro River, but the cultivatable
land is covered by Private Land
Claims. Tps. 20 S. R. 22 E. covers
the rich mineral region a-
bout Tombstone. The land
in this township is principally
valuable for mineral.

Theodore F. White
U. S. Deputy Surveyor

Preliminary Oaths of Assistants.

We, *J. H. McClure, J. C. Ford*
and *Geo. T. Wyatt and Joseph Schwarz*

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability and in accordance with the instructions given us

in the Survey of the Fourth Standard Parallel South in Range 23 E. of the Gila and Salt River Meridian and Base line

McClure

Ford

Wyatt

Schwarz

J. H. McClure

J. C. Ford

Geo. T. Wyatt

Jos. Schwarz

Sworn to and subscribed before me, this *5th* day of

December, 188*8*

Paul Ricke,
Notary Public Pinal
County, Arizona

We, John Blake
 and Samuel N Van Pelt
 do solemnly swear that we will well and truly perform the
 duties of Assessor
 and Flagman respectively
 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 Fourth Stand,
 and Parallel South in Range
 22E. of the Gila and Salt River
 Meridian and Baselines

Blake John Blake Assessor
 Van Pelt Samuel N Van Pelt Flagman

Sworn to and subscribed before me this 5th day of
December, 1881

Paul Rice
 Notary Public Pima Co.
 Arizona.

Fourth Standard Parallel South, through
Ranger 2, East.
G. & S. R. M.

Survey commenced Dec. 8, 1881
with Burts improved Solar
Compass, before commencing
this survey I test my compass
with observation on Polaris
and find it correct.

I begin at the Standard cor.
to Sp. 20 S. Rs 21 & 22 E. just
established by me, which is
a granite stone marked S. C.
with 6 notches on N. E. & W.
edges, with mound of stone
chains alongside. Thence I run
East on S. Boundary Sec. 31.

Var. $12^{\circ} 53'$ E.

as per observation with Solar Compass.

4.00 Ascending

40.00 Set a quartzite rock $13 \times 10 \times 4$ ins.

9 ins. in the ground, for standard

North Standard Parallel South, through
Range No. 22. E. continued.

chains

$\frac{1}{4}$ Sec. cor. marked S. C. $\frac{1}{4}$ on N.
face, dug pits $18+18+12$ ins. E x W.
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;

44.23 Road corner S. W.

80.00

Set a quartzite stone $10 \times 10 \times 6$ ins.
firm in the ground, for Standard
Cor. to Secs. 31 & 32 marked S. C.
with 5 notches on E. and 1 notch
on W. edges, dug pits, $18+18+12$
ins. N. E. and W. of stone, $5\frac{1}{2}$ ft
dist. and raised a mound of
earth 2 ft high, $4\frac{1}{2}$ ft base
alongside.

Land Rolling

Soil 2^d rate

No timber, some brush.

North Standard Parallel South, through
Range No. 22 E. continued

chains

East, on S. boundary sec. 32.
Var. $12^{\circ} 20' E.$

as per observation with Solar Compass.

37.00 Road course S. W.

40.00 Set a granite stone $12 + 9 + 6$ ins.
8 ins. in the ground, for Stand-
ard $\frac{1}{4}$ Sec. cor. marked S. C. $\frac{1}{4}$
on N. face, dug pits $18 + 18 + 12$
ins. E & W. 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.

73.10 Road course S. E. ^{from} to Tumbstone.

80.00 Set a limestone $12 \times 8 \times 6$ ins.
8 ins. in the ground for Stand
ard Cor. to Secs. 32 & 33. marked
S. C. with 4 notches on E. and
2 notches on W. edges, dug pits
 $18 + 18 + 12$ ins. N. E and W. of

Fourth Standard Parallel South, through
Range No. 22. E. continued

chains

stone, $5\frac{1}{2}$ ft dist. and raised
a mound of earth 2 ft high,
 $4\frac{1}{2}$ ft base, alongside.

a line br. N. 50° W. about 25 chs dist.

Land Undulating

Soil 2^d rate

No timber.

East on S. boundary sec. 33

Var. $12^{\circ} 20'$ E.

40.00 Set a limestone $14 \times 9 \times 4$ ins.
9 ins. in the ground, for stand-
ard $\frac{1}{4}$ sec. cor. marked S.C.
 $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$
ins. E x W. 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 along
side.

North Standard Parallel South, through
Range No. 22. E. continued

chains.

80.00 Set a limestone $14 + 9 + 6$ ins.
9 ins. in the ground, for Stand-
ard cor. to Secs. 33 & 34 marked
S. C. with 3 notches on E & W.
edges, dug pits $18 + 18 + 12$ ins.
N. E. & W. of stone, $5\frac{1}{2}$ ft dist.
and raised a mound of earth
2 ft high, $4\frac{1}{2}$ ft base alongside.
Land Undulating
Soil 2^d rate
No timber.

East on S. boundary sec. 34.
Var. $12^{\circ} 20' E.$

21.82 Road course S. E. ✓
40.00 Set a limestone $12 + 8 + 6$ ins.
8 ins. in the ground, for stand.
and $\frac{1}{4}$ Sec. cor. marked S. C. $\frac{1}{4}$ on N.

North Standard Parallel South, through
Range No. 22 E. continued

chains

face, dug pits $18 \times 18 \times 12$ ins.
Ex N. 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 along
side.

68.70 Trail course S.

70.00 Foot of ridge and ascend

77.20 Top 100 ft high, course S. W.

80.00 Set a limestone $18 \times 12 \times 5$ ins.
12 ins. in the ground, for Stand-
ard Cor. to Secs 34 & 35. marked
S. C. with 2 notches on E. and
4 notches on W. edges, and
raised a mound of stone
alongside. Pits impracticable
Land mostly flat or undulating
Soil 2^d rate.

No timber. Brushy.

North Standard Parallel South, through
Range No. 22. E. continued.

Chairs

East on S. boundary sec. 35.
Var. $12^{\circ} 20' E.$

descend

- 3.00 Bottom of ridge & enter plain
- 40.00 Set a post 3 ft long, 3 ins. square, with
marked stone, 12 ins. in the ground,
for Standard $\frac{1}{4}$ Sec. Cor. marked
S. C. $\frac{1}{4}$ S. on N. face, dug pits
18 + 18 + 12 ins., E + W of post
5 $\frac{1}{2}$ ft dist. and raised a mound
of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
around post.
- 80.00 Set a limestone 14 + 11 + 8 ins.
9 ins. in the ground for stand-
ard cor. to Secs. 35 + 36 marked
S. C. with 1 notch on E. end
5 notches on W. edges, and
raised a mound of stone
alongside 2 ft high, from which

Fourth Standard Parallel South through
Range No. 22. E. continued

Chains.

a Mesquite 4 ins. diam. bears N. 18° W. 122 lbs dist.
marked S. 20 S. R. 22 E. S. 35. B. P.
Land mostly flat
Soil 2^d rate
No timber Brushy.

East on S. boundary sec. 36.
Var. 12° 20' E.

- 5.26 Ascend to top of ridge 75ft high
extending N. W. & descending
- 19.00 Bottom
- 40.00 Set a limestone 12 + 8 + 6 ins.
8 ins. in the ground, for stand-
ard 1/4 Sec. cor. marked S. C.
1/4 on N. face, dug pits 18 + 18 + 12
ins. E + W. of stone, 5 1/2 ft dist.
and raised a mound of earth
1 1/2 ft high, 3 1/2 ft base alongside

North Standard Parallel South, through
Range No. 22 E. continued.

chains

80.00 Set a limestone $12 \times 10 \times 9$ ins.
8 ins. in the ground, for stand-
ard cor. to Tps 20 & 21. R.
22 & 23 E. marked S. C. with
6 notches on N.E. & W. edges,
and raised mound of stones
 $3\frac{1}{2}$ ft high and 5 ft base
alongside, Pts impracticable.
Land undulating and
partly flat
Soil 2^d rate
No timber, some brush
December 8. 1881

Fourth Standard Parallel South R. 22 E.
Gila & Salt River Meridian

General Description:

The ^{4th} Standard Parallel South Range 22 E, ~~it~~ being the south boundary of Twp. 20 S. R. 22 E. passes over a rolling, partly flat and on the east end, hilly surface. The soil is mostly poor. There is no timber along the line, but much brush in places. Twp. 20 S. R. 22 E. covers Tomb Stone and the rich mineral region around it. Twp. 21 S. R. 22 E. also contains mineral. The land in both of these townships is of little value except for mineral.

Thodore H. White
U. S. Deputy Surveyor

17th Standard 22 E
List of Names.

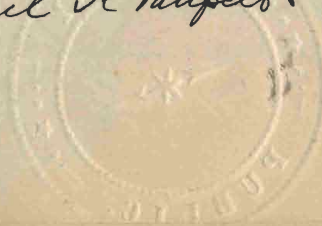
BOOK 1484

40

A List of the Names of Individuals employed by
Geo. F. White 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 Fourth Standard Parallel
South in Range 22 E. of the Gila
and Salt River Meridian
and Base line

Showing the respective capacities in which they acted.

<u>J. H. McClure</u>	Chainman.
<u>J. O. Ford</u>	Chainman.
<u>Geo. F. Wyatt</u>	Chainman Asserman
<u>Jos. Schwarz</u>	Chainman Flagman.
<u>John Black</u>	Asserman
<u>Samuel H. Kumpf</u>	Flagman



We hereby certify that we assisted *Geo. P.*

White U. S. Deputy Surveyor, in surveying

all those parts or portions of *the Fourth*
Standard Parallel South
in Range 22 E. of the
Gila & Salt River Meridian
and Baseline

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.

J. H. McClure Chairman.

J. O. Ford Chairman.

Geo. Wyatt Chairman

Jos. Schwarz Chairman

John Blake Chairman

Chas. A. Bell Flagman

Sworn to and subscribed before me, this *23* day of

January, 188*2*

Paul Riccker
Notary Public Pima
County, Arizona



Final Oath of Deputy Surveyor. 42

BOOK 1484

I, *Theo. F. White*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John Wasson, United States Surveyor-General for Arizona, bearing date the *5th* day of *December* 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

the Tenth Standard Parallel South in Range 22 E. of the Gila and Salt River Meridian & Base lines.

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

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

BOOK 1484

Theodore J. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 23 day of

January, 1882

Paul Riccker
Notary Public Pima
County Arizona.



U. S. Surveyor General's Office,

TUCSON, ARIZONA, April 19 1882

The foregoing Field Notes of the Survey of the
 4th Standard Parallel ^{South} Through
 Range No. 22 East - _____

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Theodore F. White

Deputy Surveyor, under his contract of the 14th
 day of October, 1881, having been
 critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

John Messer.
 Surveyor General.

East - T 20 S. R 22 E.

Exterior Boundaries T. ²⁰ S. R. 22 E.

G. & S. R. M.

From the corner of Tps 20 S. R. 22 & 23 E. ^{first established by me} from North
between Secs. 31. 36.

Var. 12° E.

as per Solar Compass.

0.00 Leave Plain and ascend hill
4.00 Top of ridge 100ft high extending
S. E.

4.00 Foot of ridge on N. & enter Plain.

6.60 Road from Tombstone to the South
course S. E.

4.00 Set a limestone 15+11+6 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, ^{3ft high 5ft base} its impracticable
ascend

6.00 Top of ascent of low hill & descend

11.12 Bottom & leave hill

Exteriors. ²⁰ S. 22 E. R. 22 E. continued

chains.

69.90

Dry wash 10 lks wide course S. E.

80.00

Set a limestone 28+14+6 ins.
21 ins. in the ground for cor. to
Secs. 25, 30, 31 and 36, marked
with 5 notches on N. and
notches on S. edges, and raised
a mound of stone alongside,
2ft high, 5ft base. Pits
impracticable.
Land broken
Soil poor.
No timber Some brush.

Worth bet. Secs. 25 + 30.

Var. 12° E.

ascend

6.00

Top of highest ridge of high
350ft high extending N. E.

Exteriors N. ²⁰ 19 S. R. 22 E. continued

Chains

Summit a short distance S.W.
descend

9.00 Rocky gulch 10 lks wide course N.E.
Ascend

12.40 Top of ridge extending N. E. &
descend

19.15 Gulch 15 lks wide course N.E.
& ascend.

22.00 Top of ridge extending E of N.
descend steeply.

40.00 Set a limestone $13 + 12 + 6$ ins.
9 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone
3 ft high 5 ft base alongside.
Pits impracticable, continue
to descend.

60.00 Bottom of descent & enter
little valley running S.W.

Exteriors T. ²⁰19 S. R. 22. E. continued

chains

68.00 Leave little valley

80.00 Set a limestone 15+10+6 ins.
10 ins. in the ground for cor.
to Secs. 19, 24, 25 and 30.
marked with 4 notches on
N. and 2 notches on S. edges,
and raised a mound of
stone 3ft high 5ft base, along
side. Pits impracticable.
Land very broken & rocky
Soil 3 rate.
No timber.

North bet. Secs. 19 & 24.
Var. 12° East.

11.00 Top of low ridge extending S.W.
descend

17.70 Bottom

Exteriors S. ~~14~~²⁰ S. R. 22. E. continued

chains

- 18.80 Road from Mines course S. W.
 40.00 Set a limestone $16 \times 10 \times 6$ 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 impract-
 icable.
- 53.00 Foot of high ridge & ascend
 61.50 Top of ridge 250 ft high extend-
 ing E. and descend
 64.90 Bottom & Dry wash 10 lks wide
 course N. E. & ascend.
- 69.60 Top of second ridge 300 ft high
 extending N of E. The summit
 of hill from which this ridge
 extends is about 5 ch. S. W.
 Descend steeply.
- 80.00 Set a limestone $16 \times 6 \times 6$ ins.
 11 ins in the ground, for cor.

Exteriors S. ²⁰ 19 S. R. 22. E. continued

chains

to Secs. 13, 18, 19, and 24,
marked with 3 notches on
N. and S. edges, and raised
a mound of stone 3 ft high
5 ft base, alongside, Pto
impracticable.

Land hilly broken & rocky
Soil 3^d rate
No timber

December 8, 1881.

North bet. Secs. 13 & 18.

Var. 12° E.

- 1.90 Gulch 10 lbs wide course N.E.
3.00 Gulch 10 lbs wide course N.E.
& ascend ridge
4.70 Top of ridge extends N of E. & descend
12.00 Bottom, a cabin about 6 chs E.
24.44 Road into Sandstone course N.

Exteriors N. ²⁰ 79. S. R. 22 E. continued.

Chains

- 34.00 Little rocky gulch 5 lks wide course N. E.
- 46.00 Set a Porphyry rock. 12 x 10 x 6 ins.
8 ins. in the ground, for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone
3 ft high 5 ft base alongside
Pits impracticable, from
which comes.
- Incline Shaft of San Diego Mining
claim bears N. $85^{\circ} 21'$ W. 8.21 ches dist.
- 67.90 Rocky gulch 10 lks wide course N. E.
- 70.90 Rocky gulch 10 lks wide course N. W.
- 80.00 Set a Limestone 20 x 10 x 10 ins.
15 ins. in the ground, for cor. to
Secs 7, 12, 13 and 18. marked
with 2 notches on N. and 4
notches on S. edges, and raised
a mound of stone $3\frac{1}{2}$ ft high
5 ft base alongside, from which

Exterior S. ~~74~~²⁰ S. R. 22 E. continued

chain

N. S. Mineral Monument Post.
 Sandstone Mining District bears
 S. $83^{\circ}44'N$. (Var. $12^{\circ}04'E$.)

Smoke pipe at Girard Mill bears
 N. $71^{\circ}04'W$.

Land broken & rocky
 Soil 3^d rate
 No timber.

North bet. Secs. 7 & 12.

Var. $12^{\circ}04'E$.

as per observation with Solar Compass

12.00 Dry Gulch course West.

39.50 Dry Gulch course West

40.00 Set a limestone $16+10+5$ ins.

11 ins. in the ground, for $\frac{1}{4}$

Sec. cor. marked $\frac{1}{4}$ on N.

face and raised a mound

Exteriors ~~19~~²⁰ S. R. 22 E. continued

Chains

of stone 3 ft high 5 ft base
alongside, Pit impracticable

48.00 Descend from ridge extending
N. W.

58.50 Bottom of saucel

60.70 Dry Wash 20 ft wide course N. W.
ascend Bluff

62.90 Top. extending N. W.

68.91 a point on top of ridge from
which U. S. Mineral Monu-
ment No. I. has S. $52^{\circ}03'N$.

Var. at this point $11^{\circ}43'E$. as
per Solar compass.

74.75 Bottom of ridge on North

76.23 Dry wash course N. W. 40 ft wide

80.00 Set a limestone $16 \times 10 \times 8$ ins.

11 ins. in the ground, for cor.

to Secs. 1, 6, 7 and 12. marked
with 1 notch on N. and 5 notches

Exterior N. ²⁰ 1/4 S. R. 22 E. continued

Chains

on S. edges, and raised a mound of stone 3ft high. 5ft base alongside, pits impracticable.

Land rolling & broken
Soil 3^d rate stoney
No timber.

North bet. Secs. 1 & 6.
Var. $11^{\circ} 49'$ E.

as per observation with Solar Compass

3.48 Road from the East into Tombstone
West

10.50 Road Branch of above Road

15.50 Road Branch of first Road

20.80 Dry Wash 20k wide course W.

40.00 Set a Limestone $12 + 9 + 8$ ins.
8 ins. in the ground, for 1/4 Sec.

Exterior N. ²⁰ S. R. 22 E. continued

chains

cor. marked $1/4$ on N. face
and dug pits. $18 + 18 + 12$ 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

41.87 Wood Road course West

42.36 Dry Wash 20 lbs wide course N.

79.75 Wood road course S. N.

80.00 ^{set} A granite rock $24 + 8 + 8$ ins
 18 ins in the ground, for cor.
to ^{19th} Sps. 20 S. Rs 22 + 23 E.
marked with 6 notches on
each edge, and raised a
mound of stone 4 ft high
5 ft base alongside. Pits im-
practicable.

This cor. is just N. of wood
road from Dragon Mount-

Exterior N. ²⁰ 1/4 S. R. 22 E. continued

chains

runs to Tombstone,

The smoke pipe of Girard Mill
bears S. $36^{\circ}47'W$.

The S. E. side of Water Tank
on hill S. E. of. Waterville b^o
S. $67^{\circ}25'W$.

Shepley Hall bears S. $49^{\circ}15'W$.

Land Rolling

Soil 2^d rate

No timber.

Exterior: - Bet. Tps. 20 S. Rs. 22 & 23 E.
Gila and Salt River Meridian

General Description:

Township line between
Tps. 20 S. Rs. 22 & 23 E. - the
E. Boundary of Tps. 20 S.
R. 22 E. passes over a broken
and hilly surface for the
most part. The soil is
rocky and poor. A short
distance west of the line is
the town of Tombstone.
Township 20 S. R. 22 E. covers
the rich mining region a
round Tombstone. Tps. 20 S.
R. 23 E. also contains min.
eral and both townships
cover land that is of little
value except for mineral
Theodore H. White
U. S. Deputy Surveyor

Exterior Boundaries S. 19. S. R. 22 E.
 G. & S. R. M.

chain

From the Cor. to Tps 19 & 20 S.
 R's 22 & 23 E. just established
 by me, and which is a granite
 rock 24 x 8 x 8 ins. with 6 notches
 on each edge, and mowed
 of stone alongside, Thence from
 West on a random line, between
 said townships, the variation of
 my Compass being $11^{\circ} 49' E$.
 Set temporary half mile & mile
 corners at every 40 and 80 chs
 and find the township line to
 be 6 miles and 9 lks. long,
 and the falling to be 53 lks.
 S. of the cor. to Tps 19 & 20 S.
 R's 21 & 22 E. The correction
 for true line is therefore 9 lks.
 E. and 9 lks N. per mile,
 and the course will be

79.66
20
11.46
846

Exterior S. 19, S. R. 22. & continued

chains

S. $89^{\circ}56'$ E. Therefore from
 the cor. to Tps 19 & 20 S. R's
 21 & 22 E., which is a post,
 4 ins. square, marked
 T. 19 S. S. 31 on N. E.
 R. 22 E. S. 6 on S. E.
 T. 20 S. S. 1 on S. W. and
 R. 21 E. S. 36. on N. W. faces
 with 6 notches on each edge
 and pits N. S. E and W. of
 Post 6 ft dist. and mound
 of earth around post from
 S. $89^{\circ}56'$ E. on true line bet.
 Secs. 6 & 31

Var. $11^{\circ}49'8''$.

- 7.34 Descend from mesa extending
S. W.
- 7.65 Wash runs S. W.
- 8.15 Leave Wash

Exteriors N. 19 S. R. 22 E. continued

chains

- 11.20 Road from Tombstone to San Pedro Valley course S. W. ascend
- 40.09 Set a post 3 ft long 3 ins. square with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. on N. face dug pits 18+18+12 ins E. & W. of post $5\frac{1}{2}$ ft dist. and raised a mound of earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft base around post. - This is on top of ridge of rolling hills. descend gradually
- 45.10 Bottom of descend & ascend
- 60.00 Top & descend again
- 63.60 Road course S of E.
- 65.00 Dry Wash 10 lks wide course N. W.
- 80.09 Set a granite stone 14+8+6 ins. 10 ins. in the ground, for cor.

Exteriors N. 19. S. R. 22 E. continued

chains

to Secs. 5, 6, 31 and 32, marked
with 5 notches on E. and 1 notch
on N. edges, and raised mound
of stone ^{2 1/2 ft high} alongside, pits impracticable.
Land last half mile in rolling hills.
Soil poor & stony
No timber.

S. $89^{\circ} 56' E.$ on true line bet.
Secs. 5 & 32.

Var. $11^{\circ} 49' E.$

- 14.00 Dim road course N. E.
19.30 Dry Wash 10 lks wide course S. N.
22.50 Point of hill extending N.
23.64 Dry Wash 10 lks wide course N. N.
same as above
28.23 Same Road again course S. E.
37.16 Dry wash 20 lks wide course N. N.

Exterior S. 19. S. R. 22. E. continued

Chains

- and ascend
- 40.00 Set a granite stone $12 \times 12 \times 4$ ins.
8 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.
- 42.00 Top of ridge extending N. W.
descend
- 45.00 Wash 10 lks wide course N. W.
ascend.
- 50.00 Top of ridge 150 ft high, extending
N. W. & descend
- 58.00 Foot and ascend again
- 63.18 Dry wash 10 lks wide course N. W.
- 72.00 Road course N. W.
- 74.69 Dry Wash 20 lks wide course N. W.
- 76.53 Foot of ridge & ascend
- 77.50 Top of ridge 50 ft high extending
N. W. & descend.

Exterior S. 19 S. R. 22 E. continue

chains

ch. 80.00 Set a granite stone 14+10+4 ins. 10 ins. in the ground, for cor. to Secs. 4, 5, 32 and 33, marked with 4 notches on the E and 2 notches on W. edges dug pits 18+18+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 hilly & broken
 Soil poor & stony.
 No timber some brush

S. 89° 56' E. on true line bet. Secs. 4 & 33.

Var. 11° 49' E.

10.54 Foot of descent & little dry Wash course W. 5 lbs wide

Exteriors T. 19 S. R. 22 E. continued

Cherius

- 12.33 Dry wash 10 lks wide course N. W.
ascend
- 37.80 Stage Road from Tombstone to
Benson course N. W.
- 39.05 Telegraph line course N. W.
- 40.00 Set a granite stone 16 x 10 x 6 ins.
11 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on N. face
and raised around of stone
3 ft high, alongside pits in-
practicable. This is on
Summit of rocky ridge ex-
tending N. W. of Waterhole
the variation at this point
owing to local attraction
is 16° 06' E. as per Solar Compass.
Shieflin hall in Tombstone bears
S. 62 1/2° E.
- 61.90 Dry wash course N. W.

Exteriors T. 19 S. R. 22 E. continued

chain

- 63.50 Leave Wash & enter enclosure,
an Octilla fence bears N & S. an
Adobe Wall along S. side of
enclosure.
- 65.48 Leave Course N & S. leave enclosure
- 65.74 Dry wash 30 lks wide course N.
- 68.00 The N. E. cor. of Waterville
waterworks 100 lks South
- 68.33 Freight Road Benson to Sand-
stone course S. E.
- 172.54 The N. cor. of laboratory of
Hopkins Mill 20 lks South
the South side of Mill 118 lks
North.
- 75.00 Top of rise and descend a
little.
- 80.00 Set a granite stone 16 x 10 x 6 ins.
11 ins. in the ground for cor.
to Secs. 3, 4, 33 and 34

Exterior N. 1/2 S. R. 22 E. continued

Chains

marked with 3 notches on
E & W. edges and raised a
mound of stone 3ft high
along side, pits impracticable
land rolling
Soil poor & stony
No timber.

S. $89^{\circ}56'$ E. on true line bet.
Secs. 3 & 34

Var. $11^{\circ}49'$ E.

Ascend

- 15.40 Top of rocky ridge extending
N. W. 75ft high & descend.
- 23.60 Bottom of descent & dry wash
1000 wide course N.
- 26.20 Road to Doubstone course S.
- 30.00 Dry Wash 1000 wide course N.

Exterior N. 19. S. R. 22. E. continued

Chains

- 37.50 Dry Wash 10 lks wide course N.
 40.00 Set a granite stone 12 + 9 + 6 ins.
 8 ins. in the ground, for $\frac{1}{4}$
 Sec. cor. marked $\frac{1}{4}$ on N.
 face, dug pits 18 + 18 + 12 ins.
 E. + W. 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.
- 49.80 old Road course N. W.
 Run up little valley
- 80.00 Set a post, 4 ft long, 4 ins.
 square, with marked stone, 12 ins.
 in the ground, for cor. to Secs
 2. 3. 34 and 35. marked -
 N. 19 S., S 35 on N. E.
 R. 22 E., S. 2 on S. E
 N. 20 S., S. 3 on S. W. and
 S. 34 on N. W. faces, with

Exterior S. 19th. R. 22 E. continued

Chains

2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft high, 4 1/2 ft base, around post.

Land Broken, then gently ascending East.

Soil 3rd rate

No timber.

S. 89° 56' E. on true line bet. Secs. 2 + 35.

Var. 11° 49' E.

39.00 Dry Wash 200 ft wide course N.W.

40.00 Set a granite stone 12 x 10 x 5 ins. 8 ins. in the ground, for 1/4 Sec. cor. marked 1/4 on

Exterior S. 19. S. R. 22 E. continued

Chains

- N. face, and raised a mound of stone 2 1/2 ft high along side, pits impracticable.
- 42.07 Road into Tombstone course S. E.
- 46.70 Road from Tombstone to Lynamore Springs, & Dragoon Mountains course N.
- 52.56 Cross Roads, one course N. W. the other course N. of W.
- 67.00 Frame house about 7 chs. S.
- 73.81 Dry wash 10 lks wide course N. W.
- 74.48 Wood Road course N. E.
- 76.39 Little dry Wash 5 lks wide course S. W. runs into the east above dry Wash
- 77.00 Top of little Knoll
- 80.00 Set a granite stone 15 x 10 x 7 ins. 10 ins. in the ground, for cor. to Secs. 1, 2, 35, and 36.

Exteriors N. 19. S. R. 22. E. continued

Chairs

marked with 5 notches on
 W. and 1 notch on E. edges
 and raised mound of
 stone 3 ft high ^{5 ft base} alongside.
 Pits impracticable.
 Ascending gently E. up a
 little valley along which a
 Railroad line is located.
 Land Rolling
 Soil 2^d rate
 No timber.

S. $89^{\circ}56'$ E. on true line bet.
 Secs. 1 & 36.

Var. $11^{\circ}49'$ E.

- 6.00 Ascend ridge
 11.30 Pop 30 ft high + descend
 13.00 Bottom of descent and enter
 little round flat.

Exterior S. 19. S. R. 22 E. continued

Chains

23.70 Ascend ridge

28.00 Top 50ft high

36.48 line of water Pipe from
Sycamore Springs to Tomb-
stone course S. W.

40.00 Set a granite stone 12 x 10 x 6
ins. - 8 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.

80.00 The cor. to Sps 19 x 20 S.

Rs 22 x 23 E.

Land Rolling

Soil 3^d rate

No timber

December 9. 1881.

Exterior; Bet. Tps. 19 & 20 S. R. 22 E.
Gila & Salt River Meridian.

General Description:

Township line bet. town-
ships 19 & 20 S. R. 22 E. — the
N. Boundary of Tps. 20 S. R. 22 E.
passes over a rolling hilly
and sloping surface. The
Soil is 2nd & 3rd rate. There
is no timber along the
line. Township 20 S. R. 22 E.
covers the mining region
around Tombstone. Town-
ship 19 S. R. 22 E. also con-
tains indications of min-
eral. The land of both
townships is of little value
except for mineral.

Theodore H. White
U. S. Deputy Surveyor.

Exterior Boundaries P. 19. S. R. 22. E.
G. & S. R. M.

chains

From the cor. to Pps 19 & 20. S.
R's 22 & 23 E. just recently
established by me, which is
a granite rock 24 + 8 + 8 ins.
with 6 notches on each edge,
and mound of stone alongside
3 mm North between R's 22 & 23 E.
as follows.

North bet. Secs. 31 & 36.

Var. $11^{\circ} 49' E.$

as per observation with Burts improved
Solar Compass.

27.14 Dry bed stream 1000 wide course N.

30.00 a Mining shaft 75 lbs E.

40.00 Set a limestone 15 + 9 + 6 ins.
10 ins. in the ground, for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on N. face, dug
pits 18 + 18 + 12 ins. N & S. of stone,
 $5\frac{1}{2}$ ft dist. and raised a mound

Exteriors T. 19. S. R. 22 E. continued

chains

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

49.00 Road from Aragoons to Pambetone
along little ravine course S. W.

80.00 Set a limestone $14 \times 8 \times 6$ ins.
10 ins. in the ground, for cor.
to Secs. 25. 30. 31. and 36.

marked with 5 notches on
N. and 1 notch on S. edges, dug
pits $18 \times 18 \times 12$ ins. in each sec.

$5\frac{1}{2}$ ft dist. and raised a mound
of earth 2 ft high, $4\frac{1}{2}$ ft base
alongside.

Land rolling

Soil 2^d rate

No timber some brush

Exteriors S. 19 S. R 22 E. continued

chains

North between Secs. 25 & 30.

Var. $11^{\circ} 49' E$.

40.00 Set a limestone $12+8+6$ ins.
 8 ins. in the ground, for $\frac{1}{4}$ Sec.
 cor. marked $\frac{1}{4}$ on N. face
 and dug pits $18+18+12$ 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.

45.40 line of waterpipe from Ly-
 canore Spring to Tombstone
 course N of S.

60.50 Road to Tombstone course S. W.

74.20 Road to Tombstone course N.

80.00 Set a limestone $14+10+5$ ins.

10 ins. in the ground, for cor. to
 Secs. 19, 24, 25, and 30, marked
 with 4 notches on N. and

Exterior T. 19 S. R. 22 E. continued

chains

2 notches on S. edge, and raised
a mound of stones alongside,
pits impracticable. from
this corner a cabin bears
S. 69° 14' E about 1000 dist.

Land rolling
Soil 2^d rate

No timber some brush

North bet. Secs. 19 & 24.

Var. 11° 49' S.

28.50 Road from Dregon to Tomb-
stone course S. W.

40.00 Set a quartzite Rock 12 + 9 + 8 ins.
8 ins. in the ground, for 1/4 Sec.
cor. marked 1/4 on W. face
and dug pits 18 + 18 + 12 ins.
N + S. of stone 5 1/2 ft dist.

71
 Exterior N. 19. S. R. 22. E. continued

chains.

- and raised a mound of earth
 1 1/2 ft high 3 1/2 ft base alongside
- 42.00 Descend from bank of mesa, 20 ft
 high, course E & W.
- 43.00 Bottom
- 43.75 Dry bed stream 25 lbs wide comes
 W & then N. W.
- 80.00 Set a post, 4 ft long, 4 ins. square
 with marked stone, 12 ins. in
 the ground, for cor. to Secs. 13.
 18. 19. and 24. marked
 T. 19. S. S. 18. on N. E.
 R. 23 E. S. 19 on S. E.
 R. 22 E. S. 24 on S. W. and
 S. 13. on N. W. faces with 3
 notches on N. and S. edges;
 dug pits 18 x 18 x 12. ins. in each
 sec. 5 1/2 ft. dist. and raised a
 mound of earth, 2 ft high 4 1/2 ft base around post.
- Rolling. Some good soil, not timber, some
 brush.

Exteriors N. 19 S. R 22 E. continued

chains

North bet. Secs. 13 & 18.

Var. $11^{\circ} 49' E.$

- 3.35 Dry bed of stream 50 lks wide course
S. W.
- 17.30 Dry Bed of stream 200 lks wide course W.
- 40.00 Set a quartzite rock $14 + 9 + 6$ ins.
10 ins. in the ground, for $1/4$ Sec.
Cor. marked $1/4$ on W. face, and
dug pits $18 + 18 + 12$ 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 along
side
- 50.00 Set a limestone $12 + 10 + 6$ ins.
8 ins. in the ground, for cor.
to Secs. 7, 12, 13 and 18 marked
with 2 notches on N. and 4
notches on S. edges, and raised
a mound of stone alongside.

Exteriors T. 19. S. R. 22. E. continued

chains

pits impracticable.
Land undulating
Some good soil
No timber some brush.

North bet. Secs. 7 + 12.

Var. 11° 49' E.

40.00 Set a limestone 12 + 10 + 6 ins.
8 ins. in the ground, for 1/4 Sec.
Cor. marked 1/4 on N. face
and dug pits 18 + 18 + 12 ins.
N + S. of stone 5 1/2 ft dist.
and raised a mound
of earth 1 1/2 ft high 3 1/2 ft
base along side.

40.40 Dry stream 15 lbs wide course S of N.

59.50 Dry stream 20 lbs wide course S. of N.

80.00 Set a post 4 ft long, 4 ins square

Esterois S. 19 S. R. 22 E. continuous

Chains

with marked stone 12 ins.
 in the ground, for cor. to secs.
 1, 6, 7, and 12, marked
 S. 19 S. S. 6. on N. E.
 R. 23 E. S. 7 on S. E.
 R. 22 E. S. 12 on S. W. and
 S. 1 on N. W. faces with 1
 notch on N. and 5 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 around post.
 Land undulating.
 Much good soil.
 No timber, some brush.

North bet. Secs. 1 & 6.
 Var. 12° 38' E.

Exteriors T. 19. S. R. 22 E. continued

chains

as per observation with Solar Compass

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

42.00 Bottom of ravine course S. W.

54.00 Dry stream 15 lbs wide course S. W.

80.00 Set a post $4\frac{1}{2}$ ft long 4 ins. square, with marked stone 12 ins. in the ground for cor. to Tps 18 & 19. S. R's 22 & 23 E. marked -

T. 18 S. S. 31 on N. E.

R. 23 E. S. 6 on S. E.

T. 19 S. S. 1. on S. W. and

Exteriors P. 19 S. R. 22 E. continue

R. 22. E. S. 36 on N. W. faces.
with 6 notches on each edge,
and raised a mound of stone
3ft high. 5ft base, around
post. Pits impracticable.
Layd high & rolling
soil poor.
No timber, some brush.

Exterior: - Bet. Tps. 19 S. Rs. 22 & 23 E.
Gila and Salt River Meridian

General Description:
Township line between
Tps. 19 S. Rs. 22 & 23 E. - the
E. Boundary of Tp. 19 S. R.
22 E. passes over a rolling,
partly broken, and partly flat
surface. The soil is poor,
there is no timber along
the line, but much brush
in places. Township 19 S.
R. 22 E. shows indications
of mineral in the southern
part of it. Tp. 19 S. R. 23 E.
also contains mineral along
the Dragoon Mountains.
The land in both townships
is of little value except
for mineral.

of
Theodore F. White
U. S. Deputy Surveyor.

N. Bdey

BOOK 1484

BOOK 1484

Exterior Boundaries T. 19. S. R. 22. E.

G & S. R. M.

chains.

From the cor. to Tps 18 & 19. S.
R's 22 & 23 E. just established
by me, and which is a post 4 ins.
square marked -

T. 18 S. S. 31 on N. E.

R. 23 E. S. 6 on S. E.

T. 19 S. S. 1. on S. W. and

R. 22. E. S. 36 on N. W. faces

with 6 notches on each edge, set
in mowed of stone Iron

West on a random line between
said townships, the variation

of my compass being $12^{\circ} 21' E$

Set temporary half mile & mile

corners at every 40 and 80 chs

and found the township line

to be 5 miles 79 chs and 5 lks

long, and the falling to be

29 lks N. of the cor. to Tps

Exteriors T. 19. S. R. 22. E. continued

Chains

18 & 19 S. Rs 21 & 22 E. The correction for true line is therefore 95 lks N. and 4 $\frac{1}{2}$ lks S. per mile and its course will be S. 89° 58' E.

From the cor. to Tps. 18 & 19 S. Rs 21 & 22 E. which is a post 4 in. square marked.

T. 18 S. S. 31 on N. E.

R. 22 E. S. 6 on S. E.

T. 19 S. S. 1 on S. W. and

R. 21 E. S. 36 on N. W. faces with 6 notches on each edge, and pits N. S. E. & W. of post, 6 ft dist. and mound of earth around post.

Run.

N. 89° 58' E. on true line bet. Secs. 6 & 31.

Exteriors S. 19. S. R. 22 E. continued

Chain

Var. $12^{\circ}21'$ E.

as per observation with Solar Compass

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

63.00 Dry stream 20 to wide course S. W.

79.05 Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs 5.6.31 and 32 marked N. 18 S. S. 32 on N. E.

R. 22 E. S. 5 on S. E.

S. 19 S. S. 6 on S. W. and S 31 on N. W. faces, with 5

Exteriors J. 19 S. R. 22 E. continued

chains

notches on E. and 1 notch on
W. edges, dug pits 18+18+12
ins. in each sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
2 ft. high, $4\frac{1}{2}$ ft. base, around
post.

Broken mesa land
Soil poor.

No timber, very brushy

N. $89^{\circ}58'$ E. on true line
bet. Secs. 5 & 32.

Var. $12^{\circ}21'$ E.

33.00 Dry stream 25 lbs wide course S.W.

40.00 Set a post, 3 ft. long 3 ins. square,
with marked stone, 12 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S. on N. face, dug pits 18+18+12 ins.

Exteriors P. 19 S. R. 22 E. continued

chains.

E & W. of post, $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, around
post. from which bears
a Juniper 8 ins. diam. N. 80° W. 237 lbs dist.
marked $\frac{1}{4}$ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in
the ground, for cor. to Secs.
4, 5, 32. and 33. marked
P. 18 S. S. 33 on N. E.
R. 22 E. S. 4 on S. E.
P. 19 S. S. 5 on S. W. and
S. 32 on N. W. faces, with
4 notches on E. and 2 notches
on W. edges, dug pits $18 \times 18 \times 12$
ins. in each sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
2 ft high, $4\frac{1}{2}$ ft. base, around

Exterior S. 19 S. R 22. E. continued

chains

post,
 Land rolling
 Soil poor
 No timber, Brushy.

$789^{\circ}58'$ E. on true line
 bet. Secs. 4 & 3.

Var. $12^{\circ}21'$ E.

- 40.00 Set a post, 3 ft. long, 3 ins. square,
 with marked stone 12 ins. in
 the ground for $\frac{1}{4}$ sec. cor.,
 marked $\frac{1}{4}$ S. on N. face,
 and raised mound of stone
 around post. Pits impracticable.
- 66.86 Dry stream 30 lks wide course S. W.
- 67.50 Road probably a wood road course S. W.
- 80.00 Set a post 4 ft long 4 ins. square

Exteriors P. 19 S. R. 22 E. continued

Chains.

with marked stone 12 ins.
 in the ground, for cor. to Sec
 3. 4. 33 x 34. marked
 T. 18 S. S. 34 on N. E.
 R. 22 E. S. 3 on S. E.
 T. 19 S. S. 4 on S. W and
 S. 33 on N. W. faces. with
 3 notches on E x W. edges,
 dug pits 18+18+12 ins. in
 each sec. 5 1/2 ft dist. and
 raised a mound of earth
 2 ft high, 4 1/2 ft base, around
 post.

Land rolling

Soil poor

No timber.

Bushy.

Exteriors T. 19. S. R. 22 E. continued

chains.

N. $89^{\circ}58'E$. on true line
bet. Secs. 3 & 34.Var. $12^{\circ}21'E$.

38.00 Dry gulch 40 lbs wide course S. W.

40.00 Set a post, 2 ft. long, 3 ins. square
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face.
and raised mound of stone

around post. Pits impracticable.

65.25 Shallow Ravine course S. W.

80.00 Set a post 4 ft long 4 ins. square
with marked stone 12 ins. in
the ground, for cor. to Secs
2, 3, 34 and 35. marked
T. 18 S. S. 35 on N. E.

R. 22 E. S. 2 on S. E.

T. 19. S. S. 3 on S. W and
S. 34 on N. W. faces, with

Exterior T. 19 S. R. 22 E. continued

Chains

2 notches on E. and 4 notches
on W. Edges, dug pits 18+18+
12 ins. in each sec. 5 1/2 ft.
dist. and raised a mound
of earth 2 ft high, 4 1/2 ft
base around post.

Land rolling

Soil 2^d rate

No timber, Brushy

N. $89^{\circ}58'$ E. on true line
bet. Secs. 2 + 35.

Var. $12^{\circ}21'$ E.

6.90 Dry stream 30 lbs wide course
S. W.

24.56 Road probably a Woodroad,
course S. W.

25.48 Dry bed of stream 10 lbs wide

Exterior S. 19 S. R. 22 E. continued

Chains

course S. W.

40.00 On a little knoll I set a post, 3 ft long, 3 ins. square, with marked stone 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on N. face, and raised a mound of stone around post
 Pits impracticable.

47.92 Dim Road course S. W.

52.72 Dim Road course S. W.

80.00 Set a post 4 ft long 4 ins. square, with marked stone 12 ins. in the ground for cor. to Secs. 1, 2, 35 + 36 marked

S. 18 S. S. 36 on N. E.

R. 22 E. S. 1 on S. E.

S. 19 S. S. 2 on S. W. and

Exteriors N. 19 S. R. 22 E. continued

Chain

S. 35 on N. W. face, with
1 notch on E, and 5 notches
on W. edges, dug pits 18+18+
12 ins. in each sec. 5 1/2 ft
dist. and raised a mound
of earth 2 ft high, 4 1/2 ft
base around post.

High rolling surface
Soil poor.

No timber some Brush

N. $89^{\circ}58'E$. on true line
bet. Secs. 1 & 36

Var. $12^{\circ}21'E$.

5.00 Bottom of Ravine course S. W.

31.00 Ravine course S. W.

44.00 Set a post 3 ft long, 3 ins. square
with marked stone 12 ins. in the ground

144
 Exterior S. 19 S. R. 22. E. continued.

Chains

- for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.
 on N. face, and raised a
 mound of stone around
 post, pits impeacticable.
- 44.20 Ravine course S. W.
- 56.52 Road from Brazos to
 Tombstone course S. W.
- 79.30 Dry bed of stream 300ks wide
 course S. W.
- 80.00 The cor. established to
 Tps 18 x 19 S. R's 22 x 23 E.
 Land high & rolling.
 Soil poor.
 No timber, some brush
 December 10. 1881.

Exterior: Bet. Tps. 18 & 19 S. R. 22 E.
Gila and Salt River Meridian

General Description:

Township line bet. Tps. 18 & 19 S. R. 22 E. passes over a rolling and partly broken surface. The soil is poor. There is no timber along the line, but much brush at intervals. Tp. 19 S. R. 22 E. contains mineral in the southern part. Tp. 18 S. R. 22 E. contains mineral in the N. E. portion, along the Dragon Mountains. The land in both townships is of little value except for mineral.

Theodore H. White
U. S. Deputy Surveyor.

about Tombstone

A List of the Names of Individuals employed by

Theo. F. White 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 Exterior lines of T. 19 S. R. 22 E.

and the Exterior lines of Tp. 20 S.

R. 22 E., Gila + Salt River Merid-

ian + Base line.

Showing the respective capacities in which they acted.

J. H. McClure Chainman.

J. O. Ford Chainman.

John Blake Axeman.

Lucas K. Kaufelt Flagman.

Final Oath of Assistants.

BOOK 1484

We hereby certify that we assisted Theo. F.

White U. S. Deputy Surveyor, in surveying

all those parts or portions of the Exterior lines
of T. 19 S. R. 22 E. and the
exterior lines of T. 20 S. R.
22. E. Gila & Salt River
Meridian & Baseline

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.

J. H. McElure Chairman.

J. O. Ford Chairman.

John Blake Axeman

John A. Beckett Axeman

Geo. T. Wyatt Flagman.

Jos. Schwarz 23rd Axeman

Sworn to and subscribed before me, this _____ day of

January, 1882

Paul Rice
Notary Public Pima
County, Arizona.

*McElure
Ford
Blake
Wyatt
Schwarz*

Final Oath of Deputy Surveyor. 118

BOOK 1484

I, *Mrs. P. White*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John Wasson, United States Surveyor-General for Arizona, bearing date the *5th*

day of *December* 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

the Exterior lines of T. 19 S. R. 22 E. and the exterior lines of T. 29 S. R. 22 E. Gila & Salt River Meridian & Base line

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

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

BOOK 1484

Theodore H. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 23rd day of

January, 1882

Paul Riceles
Notary Public Pima
County, Arizona.

170

U. S. Surveyor General's Office,

TUCSON, ARIZONA, April 19 - 1882

The foregoing Field Notes of the Survey of the
Exterior lines of Tps. 19 and 20 South
Range 22 East. _____

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Theodore F. White _____

Deputy Surveyor, under his contract of the 17th
day of October _____, 1881, having been

critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.

John Mason
Surveyor General.