

1640

See Index

1640

BOOK 1640

FIELD NOTES

OF a portion of

The Western & Eastern Lines of 150

Township S. 14 South, Range 22 & 23 W.

Gila & Salt River Meridian, Arizona,

BY Milton Santee, Deputy Surveyor,

under his contract of Jan 24 1881

Survey commenced Apr. 15 1881

Survey completed Apr. 27 1881

Platted, 1640 188

Copied for Washington, 1640 188

Copied for Registrar, 188

119

41	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
34	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
38	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40							
35	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40														
37	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																
40	29	30	31	32	33	34	35	36	37	38	39	40																										
31	32	33	34	35	36	37	38	39	40																													
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40								
10	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40																	
30	29	30	31	32	33	34	35	36	37	38	39	40																										
31	32	33	34	35	36	37	38	39	40																													

Order for T. 45., R. 23cd
on Page 43

Indy

18

19

BOOK 1640

Offset W-Bdy T. 5 S; R. 21 W.

distance

" " " " " " "

we will

S " " 4 " " 22 "

Offset " " " " " " "

" " " " " " 23 "

W " " " " " " "

and

Subdivisions of
T. 4 S; R. 23 W.

day

in
lie

mat

and,

and,

Preliminary Oath of Assistants.

I, _____ do solemnly
swear that I will well and truly perform the duties of Compassman
according to instructions given me, and to the best of my skill and
ability.

Subscribed and sworn to, before me, this _____ day
of _____ 188

We

Geo. J. Traver
W. A. Dobner,

and

do solemnly swear that we will faithfully execute the duties of
Chain carriers; that we will level the chain upon uneven ground,
and plumb the tally pins, whether 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 will assist in measuring, to the best of our skill and ability.

Crew T. Trape.
W. A. Downer.

Subscribed and sworn to, before me, this 13th day
of April 1881

Chas. S. Norton
Notary Public
Yuma Co., Arizona



W. N. Harper and C. S. Alvenson,

do solemnly swear that ~~we~~ will well and truly perform the duties
of *Wreman and Magman,*
according to instructions given ~~us~~, and to the best of ~~our~~ skill
and ability.

*A. N. Harper
C. S. Alvenson*

Subscribed and sworn to, before me, this

13th

of

April

1881,

*Chas. Norton
Notary Public
Yuma Co., Arizona,*



Offset to 1640

West Boundary S. 5 S., R. 21 W.,
Gila and Salt River M.

By account of Sp. line falling in River,
From Standard corner to sections
31 and 32, from North, between
sections 31-32.

Va. 13° 50' East,

Ascend.

- 21.00 Top of rocky Point, and descend,
27.50 across Prairie, course N. 10° E.
29.50 Center Wash, course N. 10° W.
32.30 Leave same, course same Va and
abruptly,
37.50 Top of Ridge, bears E. and W.
and descend,
40.00 Set Volcanic Stone, 16 x 12 x 4 in
Stone mound, 4 ft. in dia. at base, by
2 ft. in height, for $\frac{1}{4}$ sec. cor., in low
Sag and ascend,
47.30 Summit of high rocky Peak & descend,
53.00 Foot of abrupt descent,
57.10 across Prairie, course N. 15° W. & ascend,
59.00 Summit of Ridge, bears E. & W.
and descend,

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, Meridian.

- 61.40 Cross Water Course, 30 lks. wide
runs West.
- 67.25 Cross Water Course, 25 lks. wide, runs N.W.
- 76.50 Cross Water Course, 30 lks. wide, runs N.W.
- 80.00 Set Volcanic Stone, 18 x 14 x 6, in
Stone mound, $4\frac{1}{2}$ ft. in dia. at
base, by 2 ft. in height, for corner
to sections 29-30-31-32,
Sana mountains.
Soil 2nd and 3rd rate,
Timber and undergrowth of
Mesquit and Palo Verde.
-
- North, between sections 29-30,
Ta. $13^{\circ}45'$ East,
Descend gradually,
- 18.30 Center Valley, bears N. 70° W.
and S. 70° E.
- 28.00 Same same, thence over Mesa.
- 32.00 Cross Wash, 15 lks. wide, course
West

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River M.

- 39.40 across Road from Gila City to
Castle Dome Landing, bears
N. 80° W. and S. 80° E., &c.
- 40.00 Set Volcanic Stone, 14 x 12 x 5, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for 1/4 sec. cor.
- 42.00 across Water Course, 100 yds. wide, Course West.
- 57.40 across Water Course, 10 yds. wide, Course S. 70° W.
- 69.00 Center Wash, course S. 50° W.
- 72.50 Leave same, bears same, &
along Mesa.
- 80.00 Set Volcanic Stone, 15 x 12 x 10, in
Stone mound, 4 1/2 ft. in dia. at base,
by 2 ft. in height, for cor. to sec. 19 & 20 29 30,
from which bears a
Palo Verde, 5 in. dia., N 22° E., 270 yds. dia.
Palo Verde, 8 in. dia., N. 3° W., 210 yds. dia.
Palo Verde, 4 in. dia., S. 10° W. 777 yds. dia.
Palo Verde, 4 in. dia., S. 59° E., 112 yds. dia.
Sand rolling. Soil 1st & 2nd rate,
thinner undergrowth of Mesquite
and Palo Verde.

West Boundary T. 5 S., R. 21 W.,

BOOK 1640

Gila and Salt River M.

North, between sections 19-20,
Va. 13° 45' East,

Along Mesa,

3.30 Cross Road from Castle Dome
Mine to Castle Dome Landing,
bears S. 65° W. and N. 65° E.

4.65 Cross old Road, bears N. 75° E. & S. 65° W.

37.50 Descend,

38.50 Enter Valley, bears E. & W.

40.00 Set Volcanic Stone, 16 x 12 x 6,
in Stone mound, 4 1/2 ft. in dia.
at base, by 2 ft. in height, for
1/4 sec. cor.,

from which bears a

Pale Fire, 7 in. dia., S. 76° E., Collected.

70.00 Leave Valley & enter Mesa,

80.00 Set Volcanic Stone, 18 x 12 x 7,
in Stone mound, 4 1/2 ft. in dia.
at base, by 2 ft. in height, for
corner to sections 17-18-19-20.

West Boundary 9.5 S; R. 21 W.,
Gila & Salt River, M.

Land rolling and level,
Soil 1st & 2nd rate,
Timber & undergrowth of
Mesquit, and Palo Verde, Apr. 15, 1881.

West, on a true line between
sections 18-19.

Va. 13° 45' East,

Along Mesa,

25.00 Center Valley, bears N. & S.

29.10 across Road from Yuma to
Prescott, bears N. 15° E. & S. 15° W.

40.00 Set Post, 4 in. dia., 1 ft. in earth,
1 ft. above Stone mound, 4 ft. in
dia. at base, by 2 ft. in height,
for "S" sec. cor.,

from which bears a

Palo Verde, 14 in. dia., S. 18° W., 23 lbs. dist.

40.50 across Water Course, 50 ft. wide, course
S. 35° W.

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, M.

78.60 Set Post, 4 in. square, 1 ft. in earth,
1 ft. above Earth mound, $4\frac{1}{2}$ ft.
in dia. at base, by 2 ft. in height,
& dug pits, $24 \times 18 \times 12$, silks. disc,
at 4 angles, for corner to sections
13-18-19 & 24.

Make the length of this line
78.60 chs., in order to allow
for convergency.

Land mostly level,
Soil 1st & 2nd rate,
Timber & undergrowth of
Mesquit, Palo Verde and
Palo Fierro,

North, between sections 13-18.
Va. $13^{\circ}45'$ East,

Along River Bottom,

16.00 Leave same & enter Hills,

40.00 Set Volcanic Stone, $18 \times 8 \times 8$,

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, M.

in Stone mound, 4 ft. in dia.
at base, by 2 ft. in height, for corner,
from which bears a
Palo Verde, 4 in. dia., N. 35 E., 80 lks. dist.
Palo Verde, 4 in. dia., S. 16 W., 6 1/2 lks. dist.

- 44.00 Center Wash, course N. 30 W.
49.50 Leave same, course same,
52.70 Cross Water Course, 200 lks. wide, course
West,
59.00 Summit of Ridge, and descend,
61.20 Center Wash, course West,
72.50 Leave same, course same,
and ascend,
80.00 Set Volcanic Stone, 20 x 12 x 8, in
Stone mound, 4 1/2 ft. in dia. at base,
by 2 ft. in height, for corner to sections
7-12-13-18.
Sand mountains, except in
River Bottom, Soil 1st & 2nd rate,
Timber & undergrowth of Mesquit
Palo Verde, & Palo Verde.

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, M.

North, between sections 7-12,
Va. 13° 45' East,

4.00 Cross Water Course, 20 lks. wide, course
S. 75° W., thence along Mesa,

17.00 Center Wash, course S. 40° W.

22.25 Leave same, course same,

40.00 Set Volcanic Stone, 18 x 10 x 8,
in Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for $\frac{1}{2}$ sec. cor.,
from which bears a

Palo Verde, 4 in. dia., S. 54° E., 82 lks. dist.

45.75 Cross Water Course, 20 lks. wide,
course S. 50° W., thence along Mesa,

59.00 Center Wash, course S. 70° W.

80.00 Set Volcanic Stone, 16 x 8 x 7, in
Stone mound, 4½ ft. in dia. at
base, by 2 ft. in height for corner
to sections 1-6-7-12,

from which bears a
Palo Verde, 8 in. dia., S. 18° W., 132 lks. dist.

Palo Verde, 5 in. dia., N. 69° E., 60 lks. dist.

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, M.

Land rolling,
Soil 2nd & 3rd rate,
Timber & undergrowth of
Mesquit, Palo Verde and
Palo Verde.

North, between sections 1-6,
Va. 13° 15' East,

Along Wash,

10.30 Leave same, course S. 80° W., thence
over Mesa,

16.00 Enter Wash, course S. 80° W.

22.50 Leave same, course same,
thence over Mesa,

33.30 Leave Water Course, 25 lbs. wide, course
S. 25° W.,

40.00 Set Volcanic Stone, 14x8x5, in
Stone mound, 14 ft. in dia. at base,
by 2 ft. in height, for 1/4 sec. cor.,
thence ascending gradually.

West Boundary T. 5 S., R. 21 W.,
Gila & Salt River, M.

50.00
50.00

Along Mesa,
Set Volcanic Stone, 20x7x6,
in Stone mound 4 1/2 ft. in dia. at
base, by 2 ft. in height, for
corner to Tps. 4 & 5 S., R.
21 and 22 W.,

from which bears a
Pale Verde, 5 in. dia., N. 16° E., 175 lbs. dia.
Pale Verde, 6 in. dia., N. 85° W., 227 lbs. dia.
Sand rolling.

Soil 2nd & 3rd rate,
Timber & undergrowth of
Mesquit, Palo Verde, and
Palo Tierno.

Apr. 16, 1881.

South Boundary of T. 4 S., R. 22 W.,
Gila & Salt River, M.

From the cor. to Tps. 4-5 S.,
R. 21-22 W., run West,
between sections 1-36,
Ta. 13° 35' East,

Along mesa,

- 12.00 Cross Water Course, 15ths wide, course S. 70° W.
16.00 Cross Ravine, course S. W.
21.75 Cross Water Course, 75ths wide, course South,
28.00 Center Wash, course S. 30° W.
31.25 Leave same, bears same Vascina,
33.00 Summit of rocky Bluff & descend,
40.00 Set Volcanic Stone, 24x10x10,
in Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for $\frac{1}{4}$ sec. cor.,
40.50 Center Wash, course S. W.
46.25 Leave same, bears same Vascina,
56.20 Summit of Ridge, bears N. E. and
S. W. and descend,
60.00 Center Wash, course S. W.
66.00 Leave same, course same Vascina,

South Boundary T. 4 S., R. 22 W.,
Gila & Salt-River, M.

- 69.00 Summit of Ridge, bears N.E.
and S.W., thence along Mesa,
80.00 Six Volcanic Stone, 20x10x8, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, for corner
to sections, 1-2-35-36.

Sand mountainous,
Soil 2nd & 3rd rate,
Timber & undergrowth of
Mesquit and Palo Verde.

West, between sections 2-35.
Ta. 13° 50' East,

Descend,

- 4.50 Cross Ravine, course S.W. and ascend,
7.50 Summit of Spur, bears N.E. and S.W.
and descend,
10.20 Cross Ravine, course S. 30° W. Ascend,
18.50 Summit of Spur, bears N.E. & S.W. & descend,
23.00 To edge of Bluff, 50 ft. in height.

South Boundary T. 4 S., R. 22 W.,
Gila & Salt River, M.

- 24.00 Top of same,
- 25.20 Cross Prairie, course S. 35 W., Ascend.
- 26.00 Top of Bluff, 60 ft. high.
- 28.50 Top of same and descend.
- 34.50 Center Water Course, course S. 28 W.
- 38.00 Leave same.
- 40.00 Set Lava Stone, 22x7x6, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for
1/4 sec. cor. thence over broken
points of Ridge, bearing N.E. & S.W.
- 71.50 Center Valley of Colorado River,
bears N.E. and S.W.
- 80.00 Set Volcanic Stone, 20x12x7, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, for corner
to sections 2-3-34-35,
from which bears a
Palo Verde, 6 m. ^{dia.} N. 63 E., 87 lbs. dist.
Palo Verde, 10 m. dia., N. 32 W., 265 lbs. dist.

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Office to
 South Boundary T. 4 S., R. 22 W.,
 Gila & Salt River, M.

Palo Verde, 7 mi. dia., S. 52° W., 70 lbs. diet.
 Palo Verde, 7 mi. dia., S. 40° E., 200 lbs. diet.
 Sand mountains,
 Soil 1st & 2nd rate;
 Timber & undergrowth of
 Mesquit, Palo Verde and
 Palo Fierro.

North, between sections 34-35,
 Va. 13° 40' East,

- 11.00 Leave River Valley, and ascend,
 6.50 Summit of Spur, bears N. E. & S. W.
 and descend,
 40.00 Set Lava Stone, 10 x 8 x 8, in Stone
 mound, 4 ft. in dia. at base, by 2 ft.
 in height, for $\frac{1}{4}$ sec. cor.
 42.00 Descent becomes abrupt.
 48.50 Cross Ravine, course S. W. and ascend,
 57.00 Summit of Spur, bears N. 70° E. & S. 70° W.
 and descend.

Offset to
 South Boundary T.4S., R.22 W.,
 Gila & Salt River, M.

- 54.00 Cross Water Course, 78ths. wide, Course
 West, and ascend abruptly,
 56.50 Summit of Spur, bears N.E. & S.W.,
 and descend,
 71.00 Center Flat, bears N.65 E. & S.65 W.,
 73.25 Leave same and ascend,
 77.00 Summit of Spur, bears N.E.,
 and S.W. and descend abruptly,
 80.00 Set Lava Stone, 24 x 16 x 12, in
 Stone mound, 4 1/2 ft. in dia.
 at base, by 2 ft. in height,
 for corner to sections 26-27-34-35,
 from which bears a
 Palo Verde, 10 in. dia., N.79 W., 190 fms. dist.
 Palo Verde, 10 in. dia., S.76 W., 245 fms. dist.
 Land mountainous,
 Soil 2nd & 3rd rate,
 Timber and undergrowth of
 Mesquit, Palo Verde and
 Palo Fierro.

Apr. 18, 1881,

South Boundary T. 4 S., R. 22 W.,
Gila & Salt River, M.

West, between sections 27 & 34,
Ta. 13° 45' East,

Descend,

- 1.50 Center Wash, course S. 40° W.
 11.00 Leave same and ascend abruptly.
 21.00 Summit of Ridge, bears N. 20° E.,
 and S. 20° W. and descend,
 24.75 Cross Ravine, course S. 20° W. & ascend,
 40.00 Set Lava Stone, 26 x 14 x 10, in
 Stone mound, 4 ft. in dia. at base,
 by 2 ft. in height, for $\frac{1}{4}$ sec. cr.
 and descend,
 53.00 Center Yuma Wash, course S. 28° E.,
 74.00 Cross Road from Yuma to
 Silver District, bears N. 9 S.
 76.50 Leave Yuma Wash, course South
 and ascend abruptly.
 80.00 Set Slate Stone, 24 x 16 x 3, in
 Stone mound, 2 1/2 ft. in dia.
 at base, by 2 ft. in height, for

Offset to **BOOK 1640**
South Boundary T. 4 S., R. 22 W.,
Gila & Salt River, M.

corner to sections 27-28-33-34,
Lava mountainous.
Soil 2nd & 3rd rate,
Timber & undergrowth of
Mesquit, Palo Verde & Palo
Sicco.

West, between sections 28-33,
Va. 13° 45' East,

Ascend,

- 4.00 Summit of Spur, bears N.W. & S.E.
and descend abruptly,
12.00 across Ravine, course S.E. and ascend
abruptly,
39.00 Summit of Mountain, bears N. 60° E.
and S. 60° W. and along same,
40.00 Set Lava Stone, 28 x 14 x 6, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for W. cor.
and descend.

South Boundary T. 4 S., R. 22 W.,
Gila & Salt River, M.

- 52.25 Ascend abruptly,
63.50 Top of Spur, bears N. & S. & descend,
65.50 Cross deep, rocky Ravine, course North
and ascend,
73.00 Summit of Spur, bears N.E. and
S.W. and descend abruptly,
75.25 Cross Ravine course N. 65° E. & ascend,
78.00 Top of Spur, bears N.E. & S.W. & descend,
79.25 Ascend abruptly,
80.00 Set Volcanic Stone, 18x10x6,
in Stone mound, 4 1/2 ft. in dia.
at base, by 2 ft. in height, for
corner to sections 28-29-32-33.
Land mountainous,
Soil 3rd rate,
Timber & undergrowth of
Mesquit, Palo Verde & Palo
Tierno,

South Boundary 9.4 S., R. 22 W.,
Gila & Salt River, M.

West, between sections 29-32,
Va. 13° 40' East,

Ascend abruptly,

- 2.00 Top of Spur, bears N.E. & S.W. & descend,
- 5.50 Cross Rannie, course N.E. & ascend abruptly,
- 9.00 Top of Spur, bears N.E. & S.W. & descend.
- 21.75 Cross Rannie, course North & ascend,
- 36.50 Summit of Mountain, bears N. & S. and along same,
- 40.00 Set Slate Stone, 22x16x6, in Stone mound, 4ft. in dia. at base, by 2ft. in height, for 1/4 sec. cor,
- 41.00 Descend abruptly,
- 45.50 Cross Rannie, course South & ascend,
- 53.50 Top of rocky Bluff, & descend,
- 72.10 Cross Trail, bears N. & S.
- 72.75 Cross Rannie, course South & ascend abruptly.

South Boundary T. 11 S., R. 22 W.,
Gila & Salt Riv., M.

80.00 Set Slate Stone, 24x12x6, in
Stone mound, 4ft. in dia. at
base, by 2ft. in height, for
corner to sections 29-30-31-32,
Sana mountains,
Soil 3rd rate,
Timber & undergrowth of
Mesquit, Palo Verde and
Palo Fierro.

West, between sections 30-31,
Va. 13°40' East,
Ascend abruptly.

2.50 Top of Spur, bears N.E. & S.W.,
and descend,

5.00 Cross Ravine, course South,

5.50 An old mining shaft, 150 ft.
deep, on line, and ascend
abruptly.

11.00 Summit of rocky Spur, bears
N.E. and S.W. and descend,

South Boundary T. 4 S., R. 22 W.,
Gila & Salt River, W.

- 14.20 Cross Ravine, course South & ascend,
- 21.50 To mouth of mining Tunnel, thence descending
- 27.55 Cross Ravine, course S. 20° W. & ascend abruptly.
- 29.00 Top of Spur, bears N. 20° E. and S. 20° W. & descend,
- 37.25 Cross Ravine, course South & ascend,
- 39.65 Summit of rocky Spur and descend,
- 40.00 Set Volcanic Stone, 28 x 14 x 10, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{4}$ sec. cor.,
in low Sag and ascend,
- 67.00 Top of Ridge, bears N. 35° E. & S. 35° W.
and descend,
- 72.25 Cross Ravine, course S. 20° W. & ascend
- 79.45 Set Lava Stone, 22 x 15 x 6, in
Stone mound, 4 $\frac{1}{2}$ ft. in dia. at
base, by 2 ft. in height, for corner
to sections 25-30-31-36.

I make the length of this line, 79.45 chs.,
in order to allow for convergency.
Land mountainous. Soil $\frac{1}{2}$ to 1 $\frac{1}{2}$ ft. deep,
Timber and undergrowth of Palo

BOOK 1040
West Boundary T. 4 S., R. 22 W.
Gila & Salt River, W.

Verde, Palo Verde and Mesquit.

South, between sections 31 and 36,
Ta. 13° 35' East,

Descend,

- 1.50 Cross Ravine, course S. 25° E. and ascend.
8.00 Top of Spur, bears N. 25° W. and S. 25° E. & descend.
11.50 Cross Ravine, course S. 25° E. & ascend.
23.00 Top of Spur, bears N. 20° W. & S. 20° E. & descend.
25.75 Cross Trail to North's Landing, bears
N. 85° W. and S. 85° E.
27.50 Intersect Left Bank of Colorado
River and set Lava Stone 40x10x6,
in Stone mound, 1 1/2 ft. in dia. at
base, by 2 ft. in height, for Meander
corner to fractional sections 31-36,
Lava mountainous,
Soil 3rd rate,
Timber and undergrowth of Palo
Verde Palo Verde and
Mesquit, Apr. 19, 1881. set

South Boundary T. 4 S., R. 23 W.,
Gila & Salt River, M.

From corner to sections 25-30-31-36,
between Tps. 4 S., R. 22 and 23 W.,
Run West, between sections
25-36.

Ya. 13° 35' East,

Descend,

- .75 Cross Ravine, course S. 20° E. and
ascend abruptly,
- 2.50 Top of Spur, bears N. 20° W. & S. 20° E. Descend
- 15.00 Cross Ravine, course South & ascend,
- 22.00 Top of Spur, bears N. 20° E. & S. 20° W. & descend,
- 33.25 Center Wash, bears S. 20° W.
- 36.25 Leave same, course same & ascend,
- 40.00 Set Slate Stone, 12 x 10 x 7, in Stone
mound, 4 ft. in dia. at base, by
2 ft. in height, for "4 sec. cor.
- 55.00 Top of Spur, bears N. & S. & descend,
- 61.75 Cross Ravine, course South & ascend,
- 80.00 Set Lava Stone, 22 x 12 x 10, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, for

Offset to
 South Boundary of T. 4 S., R. 23 E.
 Gila & Salt-River M.

corner to sections 25-26-35-36,
 Sand mountainous,
 Soil 3rd rate,
 Timber & undergrowth of
 Mesquit, Palo Verde, & Palo
 Verde.

South, between sections 35-36,
 Ta. 13° 35' East,
 Descend abruptly.

- 40.00 Set Volcanic Stone, 22 x 20 x 6, in
 Stone mound, 4 ft. in dia. at base,
 by 2 ft. in height, for "Sec. cor.,
 44.75 Cross Ravine, course S. 20° E.,
 61.00 Enter Colorado River Bottom,
 bears N.E. & S.W.,
 63.50 Cross Trail to Norton's Landing,
 bears E. and W.,
 80.00 Set Post, 4 in. square, 1 ft. in earth,
 1 ft. above Earth mound, 4 1/2 ft.

Offset 10 25
 South Boundary T. 4 S., R. 23 W.,
 Gila & Salt River, M.

in dia. at base, by 2 ft. in height,
 and dug pits, 24 x 18 x 12, slks,
 dist. at 4 angles, for corner to
 sections 1-2-35-36.

Land mountainous, except
 in River Bottom.

Soil 1st & 3rd rate,
 Timber & undergrowth of
 Willow, Mesquit, Palo Verde,
 and Palo Firro.

East, between sections 1-36,
 Va. 13° 45' East,

28.40 Intersect Colorado River, and
 mark a Willow, 5 inches in dia.,
 for Meander corner to fractional
 sections 1-36.

Same level. Soil 1st rate,
 Timber & undergrowth of
 Mesquit, Palo Verde and
 Willow.

South Boundary T. 4 S., R. 23 N.,
Gila & Salt River, W.

West, between sections 2-35,
Ta. 13° 45' East,

Along River Bottom.

40.00 Set Lava Stone, 10 x 10 x 8, in
Earth mound, 4 ft. in dia. at
base, by 2 ft. in height, & dug pit,
24 x 18 x 12, 8 lks. North, for $\frac{1}{4}$ sec. cor.
from which the
Smoke stack to Peacho Quartz
Mill bears S. 2° E.

60.50 To left Bank of Colorado
River, and set Post, 4 in. square,
1 ft. in each, 1 ft. above Earth
mound, 4 1/2 ft. in dia. at base,
by 2 ft. in height, & dug pits,
24 x 18 x 12, 8 lks. dist., on E., N.W.,
& S.E., for Meander corner to
fractional sections 2-35,
from which the
Smoke Stack to Peacho Quartz

Offset to BOOK 1640 27
South Boundary T. 4 S., R. 23 W.,
Gila & Salt River, W.

mile, bears S. 40° E.
Land level,
Soil 1st rate,
Timber & undergrowth of
Mesquit, Palo Verde & Willow.

From the cor. to sees. 25-26-35-36,
Run West, between sections
26-35,

Ya. 13° 35' East,

Descend,

- 40.00 Set Lava Stone, 14 x 7 x 5, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{4}$ sec. cor.,
42.80 Cross Ravine, course S. 75° W. ascend,
57.50 Top of Spur, bears S. 25° W. & N. 25° E.,
and descend,
75.50 Cross Ravine, course South ascend,
80.00 Set Lava Stone, 18 x 15 x 8, in
Stone mound, 4 $\frac{1}{2}$ ft. in dia. at

South Boundary T. 4 S., R. 23 W.,
Gila & Salt River, 711.

BOOK 1640

base, by 2 ft. in height, for corner
to sections 26-27-34-35,
Sana mountains.

Soil 3rd rate.

Timber & undergrowth of
Palo Verde, Palo Verde &
Mesquit, Apr. 20, 1881,

West, between sections 27-34
Pa. 13° 50' East.

Descend,

6.50 across Water course, course S. 25° W.
and ascend,

10.50 Top of Spur, bears N. 25° E. & S. 25° W.
and descend,

27.75 across Ravine, course S. W.

37.00 Ascend abruptly,

40.00 Set Lava Stone, 16 x 11 x 4 in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for 1/4 sec. cor.

Offset to
 South Boundary T.4S., R.23W.,
 Gila & Salt River, M.

- 46.50 Summit of rocky Spur, bears
 N. & S. and descend,
 58.50 across Prairie, course S. 75° W. & ascend,
 72.00 Summit of Ridge, bears N. 60° W.,
 and descend,
 80.00 Set Lava Stone, 26x14x8, in
 Stone mound, 4½ ft. in dia.,
 at base, by 2 ft. in height,
 for corner to sections 27-28-33-34.
 Land mountainous.

Soil 3rd rate,
 Timber & undergrowth of
 Mesquit and Palo Verde.

North, between sections 27-28,
 Va. 13' 35' East.

Descend,

- .30 across Prairie, course S. 75° W. & ascend,
 1.75 Top of Spur, bears N. 80° W. & S. 80° E.,
 and descend,

Offset 10
South Boundary, S. 45°, R. 23 W.,
Gila & Salt River, M.

BOOK 1640

- 14.50 Cross Ravine, course N. 75° W. & ascend,
34.00 Top of Spur, bears E. & W. & descend,
38.50 Cross Water Course, 50 lbs. wide,
course S. 75° W.,
40.00 Set Lava Stone, 18 x 10 x 4, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{2}$ sec. cor.,
41.50 Center Wash, course West.
x 47.50 Leave same, course same & ascend,
51.50 Top of Spur, bears E. & W. & descend,
50.75 Cross Ravine, course S. 70° W.,
72.50 Cross Ravine, course S. 70° W. and
ascend,
80.00 Set Lava Stone, 10 x 8 x 5, in
Stone mound, 4 $\frac{1}{2}$ ft. in dia. at
base, by 2 ft. in height, for corner
to sections 21-22-27-28,
Sand mountains,
Soil 3rd & 2nd rate,
Timber & undergrowth of
Pale Verde & Mesquit,

South Boundary T. 4S., R. 23W.
Ala & Salt River, W.

West, between sections 21-28,
Va. 13° 40' East,

Descend,

26.00

Center Colorado River Valley,
bears N.W. & S.E.

40.00

Set Lava Stone, 16 x 8 x 7, in Stone
mound, 4 ft. in dia. at base, by
2 ft. in height, for $\frac{1}{4}$ sec. cor.,
from which bears a

Palo Verde, 5 in. dia., N. 46° E., 75 lbs. dist.

Palo Fierro, 7 in. dia., S. 57° W., 50 lbs. dist.

50.00

Set Granite Stone, 22 x 12 x 6, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, for corner
to sections 20-21-28-29,
from which bears a

Palo Fierro, 10 in. dia., N. 22° E., 84 lbs. dist.

Palo Fierro, 12 in. dia., N. 69° W., 370 lbs. dist.

Palo Fierro, 6 in. dia., S. 50° E., 70 lbs. dist.

Palo Verde, 7 in. dia., S. 50° W., 35 lbs. dist.

South Boundary T. 14 S., R. 23 W.
Gila & Salt River, W.

BOOK 1640

Sand rolling,
Soil 2nd rate,
Timber & undergrowth of
Palo Verde, Palo Tiero, and
Mesquit.

West, between sections 20-29,
Va. 13° 45' East,

Along Valley.

6.50

cross Road from Norton's
Sanding to Silent, bears N. 30° E.
and S. 30° W.

8.20

cross Road, bears N. 9° S.

40.00

Set Post, 4 in. dia., 4 ft. in earth,
4 ft. above earth mound, 4 ft. in
dia. at base, by 2 ft. in height
& dug pit, 21 x 18 x 12, 8 lbs. Bath,
for 1/4 sec. ca.,

from which a
Palo Tiero, 10 in. dia., N. 52° E., 39 lbs. dist.
& Smoke Stack of the Red Cloud

South Boundary J.4S, R.23W
Gila & Salt River, M.

Junction, bears S. 25° E., about
45.00 chs. dist.

41.50 Leave Valley and ascend,
68.00 Summit of Mountain; bears
N. & S. & descend,

80.00 Set Lava Stone, 10 x 7 x 7, in
Earth mound, 4 1/2 ft. in dia.
at base, by 2 ft. in height, &
dug pits, 24 x 18 x 12, 8 chs. dist.
at 4 angles, for corner to sections,
19-20-29-30.

from which bears a
Pale Verde, 6 in. dia., N. 66° W., 115 chs. dist.
Sand, E. 1/2 Valley, W 1/2,
mountainous.

Soil 2nd & 3rd rate.

Timber & undergrowth of
Pale Verde, Palo Verde,
and Mesquit.

South Boundary T. 4 S., R. 23 W.,

BOOK 1640

Gila & Salt River, M.

North, between sections 19-20.
Va. $13^{\circ}35'$ East.

Descend

- 27.75 Across Road, bears N.W. & S.E.
- 40.00 Set Lava Stone, $16 \times 7 \times 5$, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{4}$ sec. cor.
- 47.00 Across Water Course, 5 ft. wide,
course S.W. and ascend.
- 50.00 Top of Spur, bears N.E. & S.W.
and descend.
- 65.00 Center Flat, bears N. 70 E. & S. 70 W.
- 80.00 Set Lava Stone, $15 \times 8 \times 5$, in
Stone mound, $4\frac{1}{2}$ ft. in dia.
at base, by 2 ft. in height, for
corner to sections 17-18-19-20,
from which bears a
Palo Fierro, in dia., S. 10 E., 148 ft. dia.
Same mountains. Soil 2nd & 3rd mt.
Timber & undergrowth of Mesquit
& Palo Verde, Apr. 21, 1881.

South Boundary 9.4 S., R. 23 W.,
Gila & Salt River, W.

- West, between sections 18-19.
 Va. $13^{\circ}40'$ East,
- .30 Leave Flat, bears N. 25° E. & S. 25° W.,
and ascend,
 - 11.50 Top of Spur, bears N. E. & S. W. & descend,
 - 15.50 across Water Course, 50 fms. wide, course
S. W. and ascend,
 - 26.50 Summit of Ridge, bears N. 25° E.,
and S. 25° W. and descend,
 - 30.00 across Water Course, 75 fms. wide,
course S. 25° W. and ascend,
 - 40.00 Set Lava Stone, $12 \times 7 \times 6$, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{4}$ sec. cor.
 - 41.00 Top of Spur, bears N. & S. & descend,
 - 42.50 Center Flat, bears N. & S.,
 - 46.50 Leave same and ascend,
 - 50.00 Top of Spur, bears N. 25° E.,
and S. 25° W. and descend,
 - 75.00 Center Colorado River Bottom.

BOOK 1640

Opposite 10
South Boundary T. 4S, R. 23W,
Gila & Salt River, 10

bears N.W. and S.E.
79.30 Set Lava Stone, 20 x 14 x 10, in
Earth mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, & dug
pits, 24 x 18 x 12, 8 lks. dist.
at 4 angles, for corner to
sections 13-18-19-24,
from which bears a
Palo Verde, 6 in. dia., N.W. 30 lks. dist.
I make the length of this line,
79.30 chs., in order to allow
for convergency.

Sand mountainous.

Soil 2nd & 3rd rate.

Timber & undergrowth of
Palo Verde & Mesquit

West Boundary T. 4 S., R. 23 W.,
Gila & Salt River, Ariz.

South, between sections 19-24,
Ta. $13^{\circ}40'$ East,

Along River Bottom.

.30

Leaves trail from Norton's
Landing to Ehrenburg, bears
 $N. 30^{\circ} W.$ and $S. 30^{\circ} E.$

31.50

To left Bank of Colorado
River, and

Set Post, 4 in. square, 1 ft. in
radius, 1 ft. above earth mound,
 $1\frac{1}{2}$ ft. in dia. at base, by 2 ft. in
height, & dug pits, $24 \times 18 \times 12$,
8 lbs. dist., on E., S.E. & N.W.,
for Meander corner to fractional
sections 19-24,

Land level,

Soil, 1st rate,

Timber & undergrowth of
Palo Verde, Palo Verde and
Mesquit

West Boundary T. 4 S., R. 23 W.,
Gila & Salt River, W.

- North, between sections 13-18,
Va. 13° 40' East,
- 3.75 Leave River Bottom, bears
N. 30° W. and S. 30° E. & ascend,
- 21.00 Top of Ridge, bears E. & N. & descend,
- 28.50 Enter River Bottom, bears N. 60° E.,
and S. 60° W.,
- 40.00 Set Volcanic Stone, 16 x 8 x 4, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for $\frac{1}{4}$ sec. cor.,
from which bears a
Palo Verde, 6 in. dia., S. 35° W., 160 lbs. dist.,
Palo Verde, 4 in. dia., N. 28° E., 88 lbs. dist.
- 49.00 Leave River Bottom, bears E. & N.,
and ascend,
- 55.00 Top of Spur, bears N. E. & S. W., & descend,
- 61.25 Cross Cherting Trail, bears N. 20° E. & S. 20° W.,
- 66.00 Cross Cherting Trail, bears N. 25° W. & S. 25° E.,
- 80.00 Set Lava Stone, 14 x 10 x 5, in Stone
mound, 4 $\frac{1}{2}$ ft. in dia. at base, by

West Boundary T. 4 S.; R. 23 W.,
Gila & Salt River, M.

2 ft. in height, for corner to
sections 7-12-13-18,
Land mountainous & level,
Soil 1st & 3rd rate,
Timber & undergrowth of
Palo Verde, Palo Verde &
Mesquit.

Notch, between sections 7-12,
Va. 13° 40' East,

Ascend,

- 7.00 Top of Ridge, bears N. 40° W. & S. 40° E.,
and descend,
- 12.00 Across Ravine, course N. 40° W.,
and ascend,
- 20.50 Top of Ridge, bears N. 40° W. & S. 40° E.,
and descend,
- 23.25 Across Ravine, course N. 40° W. & ascend,
- 30.00 Summit of Ridge, bears N. 40° W.,
and S. 40° E. and descend,

West Boundary T. 1 S., R. 23 W.,
Gila & Salt River, M.

BOOK 1640

- 35.50 Cross Ravine course N. 50° W. & ascend,
- 40.00 Set Volcanic Stone, 18 x 8 x 5, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for ¹/₄ sec. cor,
- 43.50 Top of Spur, bears N. 50° W. & S. 50° E.,
and descend,
- 52.75 Cross Ravine course West & ascend,
- 61.00 Summit of Ridge, bears E. & W. & descend,
- 70.25 Cross Ravine, course West & ascend,
- 80.00 Set Volcanic Stone, 12 x 8 x 6, in
Stone mound, 4 1/2 ft. in dia.
at base, by 2 ft. in height, for
corner to sections 1-6-7-12,
Land mountainous.
Soil 2nd & 3rd rate,
Timber & undergrowth of
Palo Verde & Palo Secro.

West Boundary T. 4 S.; R. 23 W.,
Gila & Salt River, M.,

North, between sections 1-6,
Va. 13° 40' East,

Ascend

- 12.00 Top of Ridge, bears E. & N. & descend,
15.75 Cross Ravine, course S. 70° W. & ascend,
29.00 Top of Ridge, bears E. & N. & descend,
38.50 Cross at junction of two Ravines,
course West.
- 40.00 Set Volcanic Stone, 24 x 12 x 7, in
Stone mound, 4 ft. in dia., at base,
by 2 ft. in height, for "4 sec. cor.,
from which bears a
Palo Verde, 6 in. dia., West, 40 lbs. dist.
- 40.25 Ascend abruptly,
46.50 Top of Spur, bears E. & N. & descend,
57.75 Cross Water course, 75 lbs. wide, Course
West & ascend,
- 69.00 Top of Spur, bears E. & N. & descend,
78.75 Cross Ravine, course S. W. & ascend,
88.00 Set Volcanic Stone, 22 x 8 x 7,

West Boundary T. 4 S., R. 23 W.,
Gila & Salt River, Ar.

in Stone mound, $4\frac{1}{2}$ ft. in dia.
at base, by 2 ft. in height, for
corner to Tps. 3-4 S., Rs.
23-24 W.

Land mountainous,
Soil 2nd & 3rd rate,
Timber & undergrowth of
Palo Verde & Palo Verde.

Apr. 22, 1881.

U. S. Surveyor General's Office,
Tucson, Arizona, Sept'r 12, 1881

The foregoing Field Notes of the survey of a por-
tion of the Exterior and Offset lines of Town-
ship 5 South Range 21 West and Town-
ship 4 South Ranges 22 and 23
West

of the Gila and Salt River Base and Meridian, Arizona,
executed by Milton Sauter,
D. S., under his contract of the 24th day of
January, 1881, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

John Messersmith

Surveyor General.

BOOK 1640

FIELD NOTES

OF a portion of
 The *Subdivision* Lines of
 Township *14 South*, Range *23 W.*
Gila & Salt River, Meridian, *Arizona*,

BY
Milton Santee Deputy Surveyor,

under his contract of *Jan 24*, 1881

Survey commenced *Apr. 23*, 1881

Survey completed *Apr. 29*, 1881

Platted, 188

Copied for Washington, 188

Copied for Register, 188

6	BOOK 1640		3	2	1				
7	28	8	9	10	11	12			
26	24	14							
18	23	17	13	16	6	15	14	13	
✓	21	11							
19	✓	20	9	21	5	22	23	24	
20	✓	✓	✓						
30	15	29	8	28	✓	27	26	25	
18	19	4	✓	✓	✓				
31	17	32	33	2	34	1	35	✓	36

T. 4 S., R. 23 W., G. 9 S. R. M.

- Chonis From the corner to sections
26-27-34-35, Run South
between sections 34-35,
Ta. $13^{\circ}50'$ East,
Descend
- 11.25 Across Ravine, course S. W. & ascend,
16.00 Top of Spur, bears E. & W. & descend,
19.00 Across Ravine, course West, & ascend,
35.00 Top of Spur, bears N. E. & S. W. & descend,
40.00 Six Volcanic Stone, $16 \times 8 \times 6$, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for
the section.
- 41.50 Across Ravine, course S. W. & ascend,
61.00 Top of Spur, bears N. E. & S. W. & descend,
69.00 Center Colorado River Bottom,
bears N. 75° W. & S. 75° E.
- 70.30 Across Trail to Norton's Landing
bears N. 75° W. and S. 75° E.
- 73.00 To left Bank of Colorado River,
and set Lava Stone, $12 \times 10 \times 6$,

47 T. 4 S., R. 23 W., G. & S. R., M.

in Earth mound, $4\frac{1}{2}$ ft. in dia., at base, by 2 ft. in height, and dug pits, $24 \times 18 \times 12$.
 Stks. dist. on E., S.E. & N.W., for Meander corner to fractional sections 34-35.

Land mountainous.

Soil 3rd rate.

Timber & undergrowth of Palo Verde, Mesquit & Willow.

From the corner to sections 27-28-33-34, run South between sections 33-34,

Pa. $13^{\circ}35'$ East,

Ascend abruptly.

- | | |
|-------|--------------------------------------|
| 11.00 | Top of Spur, bear E. & N. & descend, |
| 12.75 | Cross Ravine, course West & ascend, |
| 15.00 | Top of Spur, bear E. & N. & descend, |
| 24.50 | Enter Wash, course S.W. |
| 30.00 | Leave same, course same. |

T. 4 S., R. 23 W., G. & S. R., M.

- 40.00 Set Lava Stone, 22 x 7 x 6, in
Stone mound, 4ft. in dia. at base,
by 2ft. in height, for $\frac{1}{4}$ sec. cor.
- 41.00 Center Colorado River Bottom,
bears E. and W.
- 41.50 across Trail, bears S. 75° E. & N. 75° W.
- 50.50 To Left Bank of Colorado River,
& Set Lava Stone, 20 x 12 x 7,
in Earth mound, 4ft. in
dia. at base by 2ft. in height,
& dug pits, 24 x 18 x 12, 8lks. dist.,
on N., E. & W., for Meander
corner to fractional sections
33-34.,
from which bears a
Mesquit, 5in. dia., N. 48° E., 18lks. dist.
Mountainous N. 41.00 chs.
River Bottom, S. 9.50 chs
Soil 1st & 3rd rate,
Timber & undergrowth of Palo Verde,
Mesquit & Willow.

T. 4 S., R. 23 W., G. & S. R., M.

0049

West, between sections 28-33,
 Va. $13^{\circ}35'$ East,

Descend,

- .75 Cross Prairie, course S. 65° W.
 5.75 Cross Prairie, course S. W. & ascend.
 7.50 Summit of rocky Spur, & descend,
 12.00 Center River Bottom, bears
 N. 25° E. & S. 25° W.
 19.50 Leave same, bears same, and
 along rocky Ridge.
 22.50 Center River Bottom, bears N. 20° W.
 and S. 20° E.
 23.60 Cross Road, bears S. 20° E. & N. 20° W.
 34.00 To Left Bank of Colorado River,
 & set Post, 4 in. square, 1 ft. in
 earth, 1 ft. above earth mound,
 $4\frac{1}{2}$ ft. in dia. at base, by 2 ft.
 in height, & dug pits, $24 \times 18 \times 12$,
 slks. dist. on E., S. E., and N. W.,
 for Meander corner to fractional
 sections 28-33.

5

BOOK 1640

T. 4 S., R. 23 W., G. & S. R., M.
2450

Sand, partly mountainous
& partly level,
Soil 1st & 3rd rate,
Timber & undergrowth of
Palo Verde, Mesquit & Palo
Tierno.

North, between sections 21-22,
T. 4 S., R. 23 W., G. & S. R., M.,
Va. 13° 46' East,

Ascend,

- 2.50 Top of Spur, bears N.E. & S.W.,
and descend,
6.00 across Water Course, course S.W. Ascend,
12.00 Top of Spur, bears N.E. & S.W. & descend,
19.85 across Ravine, course S.W. and ascend,
26.50 Summit of Ridge, bears N. 35° E.,
and S. 35° W. and descend,
40.00 See Lava Stone, 18 x 10 x 5, in
Stone mound, 4 ft. in dia. at base,
by 2 ft. in height, for 1/4 sec. cor.,
60.20 across Water Course, 50 lbs. wide,

T 4 S., R. 23 W., G. & S. R., M.

51

Course S. W. and ascend,
 70.52 Summit of Ridge, bears N. E.
 and S. W. and descend,
 80.00 Set Lava Stone, 20 x 9 x 7,
 in Stone mound, 4 1/2 ft. in
 dia. at base, by 2 ft. in height,
 for corner to sections 15-16-21-22,
 from which bears a
 Palo Verde, Conidia, S. 40° W., 14 lbs. dist.
 Land mountainous
 Soil 2nd rate,
 Timber & undergrowth of
 Palo Verde, Palo Verde &
 Mesquit, Apr. 23, 1881,

North, between sections 15-16,
 Va. 13° 45' East,
 Descend.

36.75 Center Water Course, course S. 40° W.
 39.50 across Road from Silver District
 to Norton's Landing, bears

J. 4 S., R. 23 W., G. 9 S. R. M.

52

- N. 55° E., & S. 55° W.
- 40.00 Set Granite Stone, 24x16x10,
in Stone mound, 4ft. in dia.
at base, by 2ft. in height, for
1/4 sec. ch.,
from which bears a
Palo Verde, 10 in. dia., N. 65° E., 129 lbs. dist.
- Palo Verde, 12 in. dia., S. 58° W., 130 lbs. dist.
- 40.25 Leave Water course, & ascend,
53.50 across Ravine, course S. 10° W.
59.50 across Ravine, course S. 20° E.
69.00 Summit of Ridge, bears E. and
W. and descend,
76.50 across Ravine, course N. 30° W.,
and ascend,
80.00 Set Lava Stone, 10x8x8, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2ft. in height, for corner
to sections 9-10-15-16,
from which bears a
Palo Verde, 10 in. dia., S. W., 125 lbs. dist.

8
 T. 4 S., R. 23 W., G. & S. R., M.
 53

Sand mountains,
 Soil 3rd rate,
 Timber & undergrowth of
 Palo Verde, Palo Verde
 and Mesquit.

From cor. to sec. 20-21-28-29,
 Run South, between sections
 28-29.

Pa. 13° 45' East,

Along Valley,

25.00 Center Water Course, Course S. 30° W.,

30.00 Leave same, course same,

33.60 across Road, bear N. W. & S. E.,

35.40 To Left Bank of Colorado
 River and

Set Post, 4 in. square, 1 ft. in
 earth, 1 ft. above earth mound,
 1 1/2 ft. in dia. at base, by 2 ft. in
 height, & dug pits, 24 x 18 x 12,
 8 lks. dist. on N., N. & E.,

T. 4 S., R. 23 W., G. 9 S. R. M.

54

for Meander corner to fractional
sections 28-29,

from which bears a
Mesquit, Cm. dia. , $\text{N. 42}^\circ \text{E.}$, 12 lks. dist.
Mesquit, Cm. dia. , $\text{N. 46}^\circ \text{W.}$ 80 lks. dist.
and Smoke Stack of Red
Clowd Furnace, bears $\text{S. 72}^\circ \text{W.}$,
about 22 chains distant.

Land level.

Soil 1^{st} and 2^{nd} rate,
Timber & undergrowth of
Mesquit & Willow.

North, between sections 20-21,
Pa. $13^\circ 45'$ East.

Along Valley,

7.75 across Road from Silver District
to Natton's Landing, bears
 $\text{N. 35}^\circ \text{E.}$ and $\text{S. 35}^\circ \text{W.}$

28.00 Leave Valley, & ascend,

40.00 Set Lava Stone, $20 \times 10 \times 7$,

T. H. S., R. 23 W., G. & S. R., M.

55

- in Stone mound, 4 ft. in dia.
at base, by 2 ft. in height,
for "4 sec. cor.
- 43.50 Summit of Spur, bears N.E. & S.W.,
54.00 Summit of Ridge, bears E. & W.,
and descend,
64.50 across Ravine, course E. & ascend,
71.00 Top of Spur bears E. & W. & descend.
A Rocky Bluff ^{50 ft. high,} bears West,
76.25 across Ravine, course S. 60 E. & ascend,
80.00 Set Lava Stone, 22 x 10 x 7, in
Stone mound, 4 1/2 ft. in dia. at
base, by 2 ft. in height, for
corner to sections 16-17-20-21.
Sand level & mountainous,
Soil, 2nd & 3rd rate,
Timber & undergrowth of
Mesquit & Palo Verde,

J. 4 S., R. 23 N., G. & S. R., M.

56

East, on a random line between
sections 16-21.

Va. $13^{\circ}55'$ East,

Descend

- 2.00 Across Prairie, course South & ascend,
9.00 Top of Spur, bears N. & S. & descend,
13.00 Enter Wash, course South,
18.00 Leave same, & ascend,
29.00 Top of Spur, bears N. 25° E. & S. 25° W.
and descend,
31.75 Across Prairie, course S. W. & ascend,
36.00 Top of rocky Bluff & descend,
39.50 Enter Water Course, Course S. W.,
40.00 Set temporary $\frac{1}{4}$ sec. cor., &
cross Road, from Silent to
Norton's Landing, bears N. E. & S. W.,
42.00 Leave Water Course & ascend,
52.00 Top of Ridge, bears N. E. & S. W.,
and descend,
75.50 Across Prairie, course S. W. & ascend,
80.12 Intersect N. & S. line, slks.

T. 4 S., R. 23 W., G. & S. R., M.

57

North of corner to sections
15-16-21-22, from which
corner, Iron, N. 89° 57' W.,
on a true line between sections
16-21,

Var. 13° 45' East.

40.06 Set Granite Stone, 28 x 12 x 6
in Stone mound, 4 ft. in dia.
at base, by 2 ft. in height,
for $\frac{1}{4}$ sec. cor.,

from which bears a

Palo Verde, 5 in. dia., N. 14° E., 27 lbs. dist.

Palo Verde, 6 in. dia., S. 20° W., 82 lbs. dist.

80.12 The corner to sections 16-17-20-21.

Land mountainous.

Soil 3rd rate.

Timber & undergrowth of
Palo Verde & Palo Verde.

Apr. 25, 1881.

T. 4 S., R. 23 W., G. & S. R., M.

58

North, between sections 16-17,
 Va. 13° 55' East.

Ascend.

- 18.00 Top of ascent and descend,
 30.50 Enter Wash, course S. 20° W.,
 33.00 Cross Road from Silent to
 Norton's Landing, bears N. 20° E.,
 and S. 20° W.,
 37.00 Leave Wash and ascend,
 40.00 Set Lava Stone, 20 x 10 x 7, in
 Stone mound, 4 ft. in dia.
 at base, by 2 ft. in height, for
 $\frac{1}{4}$ sec. cor., & descend,
 40.25 Enter Wash, course S. 30° W.,
 77.00 Leave same and ascend,
 80.00 Set Lava Stone, 16 x 14 x 12,
 in Stone mound, 4½ ft. in
 dia. at base, by 2 ft. in height,
 for corner to sections 8-9-16-17.
 Land mountainous. Soil 3rd val.,
 Timber Undergrowth of Palo Verde
 & Palo Verde.

T. 4 S., R. 23 W., G. & S. R., M.

59

East, on a random line between
sections 9-16,

Pa. $13^{\circ}40'$ East.

Descend,

- 3.00 Across Ravine, course S. 20° W. Ascend,
7.00 Top of Spur, bears N. 20° E. & S. 20° W.
and descend,
10.85 Across Ravine, course S. 25° W.,
19.00 Enter Wash, course S. 20° W.,
20.80 Across Road from Silent to
Norton's Landing, bears N. 20° E. & S. 20° W.,
29.50 Across Road, bears N. E. and S. W.,
31.50 Leave Wash,
40.00 Set temporary $\frac{1}{4}$ S sec. cor.,
43.50 Across Ravine, course S. W. Ascend.
63.00 Summit of Ridge, bears N. 65° E.,
and S. 65° W. and descend,
76.80 Across Ravine, course S. W. Ascend,
80.18 Intersect N. & S. line, 10 lks.,
North of corner to sections, 9-10-15-16,
from which corner, run,

T. 4 S., R. 23 W., G. & S. R. M.

60

N. 89° 56' W., on a true line between sections 9-16.

Pa. 13° 40' East,

40.09 Set Lava Stone, 22x12x8, in Stone mound, 4 ft. in dia. at base, by 2 ft. in height, for 14 sec. cor.

80.18 The corner to sections 8-9-16-17
Lana mountainous.

Soil 3rd rate,

Timber & undergrowth of Palo Verde & Palo Fierro.

From corner to sections 19-20-29-30,
Truni South, between sections 29-30.

Pa. 13° 35' East,

Ascend.

6.00 Top of Hill & descend

31.15 across Road, bears N. 40° E. & S. 40° W.

32.75 across Water Course, 75 ft. wide,

T. 4 S., R. 23 W., G. & S. R., M.

Course S. 40° W.

40.00 Set Lava Stone, 20 x 8 x 6, in Stone mound, 4 ft. in dia. at base, by 2 ft. in height, for 4 sec. cor.

56.50 Descent becomes abrupt,

60.50 Enter Colorado River Bottom, bears E. and W.

68.75 Across Road, bears E. & W.

80.00 Set Post, 4 in. square, 1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in dia. at base, by 2 ft. in height, & dug pits, 24 x 18 x 12, slks. dist. at 4 angles, for corner to sections 29-30-31-32,

from which bears a Mesquit, 2 in. dia., N. 25° E., 200 lks. dist. Land mountainous & level. Soil 1st/₂ 2nd/₃ & 3rd/₄ red. Timber, & undergrowth of Palo Verde, Palo Verde & Mesquit.

T. 4 S., R. 23 N., G. & S. R., M.

62

South, between sections 31-32

Co. 15° 40' East,

Along River Bottom.

37.25 To Left Bank of Colorado
River, andSet Post, 4 in. square, 1/2 ft. in
earth, 1/2 ft. above earth mound,4 1/2 ft. in dia. at base, by 2 ft.
in height, & dug pits 24x18x12,
pls. dist. on N., N.E. & N.W.,for Meander corner to fractional
sections 32-31.

Land level,

Soil 1st rate,Timber & undergrowth of
Willow, Cottonwood,
Palo Verde and Mesquit.

T. 11 S., R. 23 W., G. & S. R., M.
63

X West, between sections 30-31,
Va. 15° 40' East,
Along River Bottom,

37.50

To Left Bank of Colorado
River and

Set Post, 4 in. square, 1 ft. in
earth, 1 ft. above earth mound,
4 1/2 ft. in dia. at base, by 2 ft.
in height, I dug pits, 24 x 18 x 12,
slks. dist., on E., S.E. & N.W.,
for Meander corner to fractional
sections 30-31,

from which bears a
Mesquit, 10 in. dia., N. 15° W., 7 1/2 dist.
Land level,

Soil 1st rate,

Timber & undergrowth of
Mesquit, Palo Verde, Willow
and Cottonwood,

Apr. 26, 1881.

* East, between sections 29-32,
Va. 15' 40' East,

Along Valley,

40.00 Set Post, 4 in. dia., 1 ft. in earth,
1 ft. above Earth mound, 4 ft.
in dia. at base, by 2 ft. in height,
and dug pit, 24 x 18 x 12,

Slks. North, for $\frac{1}{4}$ sec. cor.,
from which bears a
Mesquit, 4 in. dia., N 35° E, 17 lks. dist.
Willow, 4 in. dia., S 60° E, 68 lks. dist.

42.00 To Left Bank of Colorado
River, and

Set Post, 4 in. square, 1 ft. in
earth, 1 ft. above Earth mound,
4 1/2 ft. in dia. at base, by 2 ft.
in height, & dug pits, 24 x 18 x 12,
Slks. dist. N., S. W. and N. E.,
for Meander corner to
fractional sections 29-32,
from which bears a

65 S., R. 23 W., G. & S. R., M.

Mesquit, 6 in. dia., N. 74 W., 154 lbs. dirt.
 Willow, 10 in. dia., S. 68 W., 178 lbs. dirt.
 Sand level,
 Soil 1st rate,
 Timber & undergrowth of
 Cottonwood, Willow, Mesquit
 Palo Verde and Palo Verde.

West, between sections 19-30,
 Va. 13° 35' East,

Descend gradually,

20.00 Center River Bottom, bears N. 8 S.

40.00 Set Post, 4 in. dia., 1 ft. in each,
 1 ft. above Earth mound, 4 ft.
 in dia. at base, by 2 ft. in
 height, & dug pit, 24 x 18 x 12,
 8 lbs. North, for 1/4 sec. cor.

41.50 To Left Bank of Colorado
 River, and

Set Post, 4 in. square, 1 ft. in
 each, 1 ft. above Earth mound,

T. 4 S., R. 23 W., G. & S. R. M.

66

4 1/2 ft. in dia. at base, by 2 ft. in
height, & dug pits, 24x18x12,
Blks. dist. on N, S. and E,
for Meander corner to fractional
sections 19-30,

Land rolling & level.

Soil 1st & 2nd rate,

Timber & undergrowth of
Willow, Mesquit, Palo Verde,
and Palo Fierro.

From cor. to secs. 17-18-19-20,

Run East, on a random
line between sections 17-20,

Pa. 13° 40' East,

Along Flat,

1.50	Center Hills, bears N. & S.
23.50	cross Run, course S. 25 W. & ascend,
29.50	Top of Ridge, bears N. & S. & descend,
40.00	Set temporary 1/4 sec. cor.
48.50	Center Wash, course South.

T. 4 S., R. 23 W., G. & S. R. 111.
67.

- 61.15 Cross Road from Silent to
Norton's Landing, bears N. & S.
- 64.00 Leave Wash, course S. and ascend.
- 80.14 Intersect N. & S. line, 28 lks.
South of cor. to secs. 16-17-20-21,
from which corner, run,
S, $89^{\circ}48'W$, on a true line
between sections 17-20,
Ta, $13^{\circ}55'$ East,
- 40.07 Set Volcanic Stone, $12 \times 8 \times 7$, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for $\frac{1}{4}$ sec. cor.
- 80.14 The corner to sections 17-18-19-20,
Sana mountainous,
Soil 2nd & 3rd rate,
Timber and undergrowth
of Palo Verde, and Palo Verde.

T. H. S., R. 23 N., G. 4 S. R. 11.

68

Nook, between sections 17-18,
Va. 13° 40' East,

- 7.50 Leave Flat & ascend,
29.50 Summit of Ridge, bears N.E.
and S.W. and descend,
36.75 Cross Water Course, 20 lks. wide,
course S.W. and ascend,
40.00 Set Lava Stone, 14 x 8 x 7 in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for
the sec. cor.
62.00 Summit of rocky Ridge,
bears E. and W. and descend,
74.00 Ascend,
80.00 Set Lava Stone, 16 x 7 x 6, in
Stone mound, 4½ ft. in dia.
at base, by 2 ft. in height
for corner to sections 7-8-17-18.
Land mountainous. Soil 3rd mt.
Timber & undergrowth of Palo
Verde and Palo Verde.

J. 4 S., R. 23 W., G. & S. R., M.

69

East, on a random line between sections 8-17.

Pa. $13^{\circ}35'$ East,

Ascend,

- 6.00 Top of Spur, bears N. 7° S. & descend,
 15.00 across Water course, 15 lks. wide,
 course South and ascend,
 20.25 Top of Spur, bears N. 25° W. & S. 25° E,
 and descend,
 36.50 across Water course, 25 lks. wide, course S;
 38.25 across Water course, 20 lks. wide, course
 S. 20° W.
 40.00 Set temporary $\frac{1}{4}$ sec. cor,
 41.00 across Water course, 25 lks. wide,
 course S. 20° W. and ascend,
 49.50 Top of Ridgr, bears N. E. & S. W.
 64.50 Top of Ridgr, bears N. 30° E. & S. 30° W.
 and descend,
 74.25 across Water course, 20 lks. wide,
 course South and ascend.

T. 4 S., R. 23 W., G. & S. R., M.

70

- 79.90 Intersect N. & S. line, 12 lks.
North of corner to sections
8-9-16-17, from which corner,
run N. $89^{\circ}55'N$, on a true
line between sections 8-17.
Va. $13^{\circ}40'$ East,
- 39.95 Set Lava Stone, $16 \times 8 \times 7$, in
Stone mound, 4 ft. in dia.
at base, by 2 ft. in height,
for $\frac{1}{4}$ sec. cor.
- 79.90 The corner to sections 7-8-17-18.
Land mountainous.
Soil 3rd rate,
Apr. 27, 1881

T. 4 S., R. 23 W., G. & S. R., 7th.
71

West, on a random line
between sections 7-18,
Va. $13^{\circ}40'$ East.

Descend,

- 19.50 Across Ravine, course N.W.
and ascend,
- 31.00 Top of Bluff, 150 ft. high & descend,
- 32.50 Across Water Course, 50 fms. wide,
course S. 65° W. & ascend,
- 38.50 Top of Ridgr, bears N. 35° E,
and S. 35° W. and descend,
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 41.50 Across Ravine, course S. 40° W.
and ascend,
- 45.50 Top of Spur, bears N. 40° E. & S. 40° W.
- 71.50 Summit of Ridgr, bears N. 40° W.
and S. 40° E. and descend,
- 79.25 Intersect. W. B. of Sp., 9 fms.
South of corner to sections
7-12-13-18, from which corner,

T. 4 S., R. 23 N., G. and S. R. 11-2
IT 12

Trun S. $89^{\circ}56'$ E., on a true
line between sections 7^{and} 18,
Ta. $13^{\circ}40'$ East,

39.25 Sit Sara Stone, $18 \times 14 \times 10$, in
Stone mound, 4 ft. in dia. at
base, by 2 ft. in height, for
 $\frac{1}{4}$ sec. ca.

79.25 The corner to sections 7-8-17-18,
Land mountainous,
Soil 3rd rate,

T. 4 S., R. 23 W., G. & S. R. M.

73

North, between sections 7-8.
 Va. $13^{\circ} 35'$ East.

Ascend,

- 5.00 Top of Spur, bears E. and W. and descend
- 18.25 Cross Prairie, course West and ascend abruptly.
- 40.00 Set Lava Stone, $14 \times 10 \times 10$, in Stone mound, 4 ft. in dia. at base, by 2 ft. in height, for $\frac{1}{4}$ sec. cor.
 The land in advance consisting of abrupt mountains and rocky perpendicular Bluffs, and apparently valuable for mineral purposes only. I therefore discontinued the line North, Sand mountainous.

Soil 3rd rate.

Timber & undergrowth of Palo Verde, Palo Seco & Mesquit.

Meanders of Colorado River.

74

S. 74° W. 21.50
 S. 34° W. 35.10
 S. 33½° W. 21.00

Commencing at Meander corner on East Boundary of Sec. 36, Thence, along foot of rocky Bluff, on Left Bank of River, Center River Bottom,

To Meander corner on S.B. of Sec. 36. Soil 1st rate in River Bottom, suitable for cultivation, Timber, Mesquite, Palo Verde, & Willow.

N. 76½° W. 20.70

Commencing at Meander corner, on S.B. of Sec. 35, Thence in Sec. 35.

To Meander Corner between sections 34-35. Sand good River Bottom, Timber, Mesquit, Palo Verde, & Willow.

Meanders of Colorado River.

75

Thence in Section 34,

N. 77° W. 65.00

N. 68° W. 6.00

N. 67° W. 6.00

N. 59° W. 6.70

To Meander corner between sections 33-34.

Sana River Bottom, suitable for cultivation, Juniper, Mesquit & Palo Verde.

Thence in Sec. 33, Apr. 28, 1881,

N. 58° W. 8.10

N. 37° W. 4.00

N. 12¾° W. 4.10

N. 35¾° W. 6.60

N. 30° W. 4.60

N. 24½° W. 10.20

N. 7½° W. 4.10

N. 12° E. 2.10

N. 63½° W. 6.00

S. 71¼° W. 4.50

*Opposite Rocky Island,

Meanders of Colorado River

76

N. 35° W.	9.60	To Meander corner between sections 28-33. Thence in section 28.
N. 35 1/4° W.	8.70	
N. 41 1/2° W.	24.00	
N. 61 1/2° W.	15.00	
N. 80 1/2° W.	1.50	
N. 35 1/2° W.	5.50	
N. 4° E.	4.35	
S. 87° W.	3.00	
N. 66 1/2° W.	1.30	
N. 12° E.	3.60	
N. 81° W.	3.50	To Meander corner between sections 28-29, Thence in Section 29, Center Wash, Course South.
N. 82 1/2° W.	1.00	Leave Wash.
	3.00	A Cabin, bears North, 100 ch. dist.
	4.00	A Cabin, bears North, 125 ch. dist.
	5.00	Station,
	9.00	Old Furnace, bears North.
S. 55 3/4° W.	5.50	

Meanders of Colorado River.

77

		600 lbs. dist.
	6.50	Stantbury's Hotel, bears North, 1135 chs. dist.
	7.25	Old Furnace, bears North, 50 lbs. dist.
	9.50	Station.
S. 31 1/2° W.	2.60	A cabin, about 300 chs. North.
	5.50	The Furnace of Red Cloud Mining Co., bears North, 250 lbs. dist.
	6.50	Assay Office of Red Cloud Mining Co., bears North, 100 lbs. dist.
	8.50	A cabin, bears North, 180 lbs. dist.
	17.50	Station.
S. 21 1/2° W.	7.00	
S. 24 1/2° W.	13.00	
S. 30° W.	0.65	To Meander corner between sections 29-32, same level. Soil 1 st rate, Timber, Mesquite, Palo Verde,

Meanders of Colorado River.

78

Cottonwood & Willow.
 The Town of Norton's
 Landing is situated in
 this section. It is the
 point for shipment of
 Ores & Bullion, for the
 Sierra District Mines.
 Also, contains Reduction Works.
 Thence in Section 32,

S. 26 $\frac{3}{4}$ ° W. 42.70S. 72 $\frac{1}{2}$ ° W. 9.00N. 86 $\frac{1}{2}$ ° W. 7.20N. 69 $\frac{1}{2}$ ° W. 7.50

To Meander corner between
 sections 31 - 32

Land good River Bottom,
 Soil 1st rate,

Timber, Mesquit, Palo Verde,
 Cottonwood & Willow.

Thence in Section 31,

N. 67° W. 6.50

N. 57 $\frac{1}{2}$ ° W. 26.00

Meanders of Colorado River,

79

N. 43° W. 14.00
 N. 12° W. 8.50

To Meander corner
 between sections 30-31,
 Sand level River Bottom,
 Soil 1st rate,
 Timber, Mesquit, Palo Verde,
 Cottonwood & Willow.
 Thence in Sec. 30,

N. 18 3/4° W. 9.30
 N. 11 1/4° W. 44.50
 N. 2° W. 11.50
 N. 7° W. 9.70
 N. 35° E. 4.10
 East 5.25
 N. 24° E. 3.20

To Meander Post
 between sections 19-30,
 Sand River Bottom.
 To Station 4, Ascend
 Rocky Bluff, 300 ft. high,
 This is an isolated Bluff,
 20 chs. in length, along

Meanders of Colorado River.

80

the River, and 100 ch. wide,
 River Bottom about 400 ch.
 wide. Heavy growth
 of Mesquit Timber,
 Thence in Section 19.

N. 24 7/8° W. 13.00

N. 41 1/2° W. 49.88

To Meander corner on
 West Boundary of Sec. 19,
 Land, River Bottom,
 Soil 1st rate,
 Timber, Mesquit, Palo Verde,
 and Willow.
 Apr. 29, 1881.

General Description.

The land in this Township is mountainous, except in River Bottom.

The soil, 1st rate, in River Bottom and 2nd & 3rd rate elsewhere.

The mountains are, principally, of Granite & Porphyry formation, with numerous veins of Quartz, bearing Silver and Galena. Rich mines of Silver are being worked in N.E. part of the Sp. Silent Post Office is located in Section 2, in the vicinity of a large mining camp.

The Village, of Nortons Landing is located in Section 29, & is the shipping point for all freight to and from the mining regions.

General Description.

82

The land along the River Bottom is valuable for agricultural purposes, and is occupied by a number of settlers.

The timber and undergrowth consists of Palo Verde, Palo Fierro, Mesquit, Cottonwood ^{and} Willow. It is utterly impracticable to survey the North and East Boundaries, and also the remaining subdivisions of this Tr., on account of high abrupt mountains, and rocky perpendicular Bluffs, the land being barren and worthless for any purpose, except mining, and, under present regulations, is, in no wise, surveyable.

It is my opinion, that the following described land is more valuable for mining than

for agricultural purposes, as it is said to contain Silver and Galena, in paying quantities, viz;—

The E¹/₂ of Sec. 17, the N.E¹/₄ of Sec. 20, the N.¹/₂ of Sec. 21, all of Sec. 16, and all that part of the Tr. not surveyed. In making this survey, I used a Solar Compass made by John Roach, of San Francisco, Cal. in 1880. I took great pains to keep it in adjustment, testing the latitude daily. I also tested my chain daily, with a steel test chain which was properly adjusted to a length of 66.06 ft. On the evening before commencing the survey, I set my compass by the solar apparatus, and found its alignment to agree perfectly with that shown by the solar dial during that night, but I do not understand, further observation necessary when I used a Solar Compass.

List of Names.

A List of the Names of the individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of a portion of the Exterior and Offset lines of T. 5 S., R. 21 W., and T. 48. R. 22 and 23 W., Gila & Salt River Mer., and a portion of Subdivision of T. 48., R. 23 W., G. & S. R. M.

showing the respective capacities in which they acted.

- G
Compassman.
- Geo. J. Frazer, Chainman.
- W. A. Downer, Chainman.
- A. N. Harper, Axeman.
- C. S. Alverson, Surveyor,



Final Oath of Assistants.

We hereby certify that we assisted Milton Santee,
 Deputy Surveyor, in surveying a portion of the
Exterior & Offset lines of T. 3 S., R. 21 W.,
& Tps. 4 S., Rs. 22 and 23 W., G. & S. R. M.,
& a portion of the Subdivision lines
of T. 4 S., R. 23 W., G. & S. R. M.,

and that said survey has been, in all respects, to the best of our
 knowledge and belief, well and faithfully surveyed, and the boundary
 monuments planted according to the instructions furnished by the
 Surveyor-General.

Geo. T. Taylor

W. A. Danner

J. N. Harper

H. S. Ahlerson

Subscribed and sworn to, before me, this 2nd day of

com. 1881

compt.
and
recd.

Chas. S. Norton

Notary Public

Yuma Co., Ariz.

Final Oath of Deputy Surveyor.

I, Milton Santee

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person and with the necessary assistance, well, truly and faithfully executed the ~~said~~ surveys of

a portion of the Exterior & Offset lines of T. 5 S., R. 21 W., & Tps. 4 S., Rs. 22 & 23 W.,
also a portion of Subdivision lines of T. 4 S., R. 23 W. G & S. R. M.

under my contract with ~~THEO. WAGNER~~, United States Surveyor-General for ~~California~~ Arizona bearing date Jan. 24th 1881;

that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

Milton Santee

U. S. Deputy Surveyor.

Subscribed and sworn to before me this 2nd day of

May 1881.

Chas Norton
Notary Public
Yuma Co. Arizona



BOOK 4640

U. S. Surveyor General's Office,
Tucson, Arizona, September 13, 1881

The foregoing Field Notes of the survey of a por-
tion of the subdivisions of Township
4 South Range 23. West.

of the Gila and Salt River Base and Meridian, Arizona,
executed by Milton Santee,
D. S., under his contract of the 24th day of
January, 1881, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

John H. Brown

Surveyor General.

✓
CHAINMAN'S

BOOK 1640

FIELD BOOK

FOR

FIELD NOTES

OF a portion of

The Exterior Offset & Subdivision Lines of
S. R. 21 N. & 4 S. R. 22 & 23 N.,
& S. R. M. Arizona Ter. California.

BY

Milton Santee Deputy Surveyor,

Geo. J. Frazer, Chainman.

W. A. Downer, Chainman.

Under his contract of

Jan. 24, 1881

they commenced

Apr. 15, 1881

they completed

Apr. 29, 1881

Township 5 South, Range 21 West M. 89

BOOK 1640

60	6	5	4	3	2	1
80	7	8	9	10	11	12
80	18	17	16	15	14	13
78.60	19	20	21	22	23	24
80	30	29	28	27	26	25
80	31	32	33	34	35	36

Township 4 South Range 22 Nat. M. 90

BOOK 1640

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
79.45	80	80	80		
31	32	33	34	35	36
				80	80

Township 4 S.

Range 23 W. M. 91

BOOK 1640

31.50 * 80 80

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

79.25 80

79.90

80.18

79.30 80

80.14 80

80.12

41.50 80

80

80

37.50 80

42.00

34.00 80

80

80

80

37.25 80

50.00 80

73.00

60.50

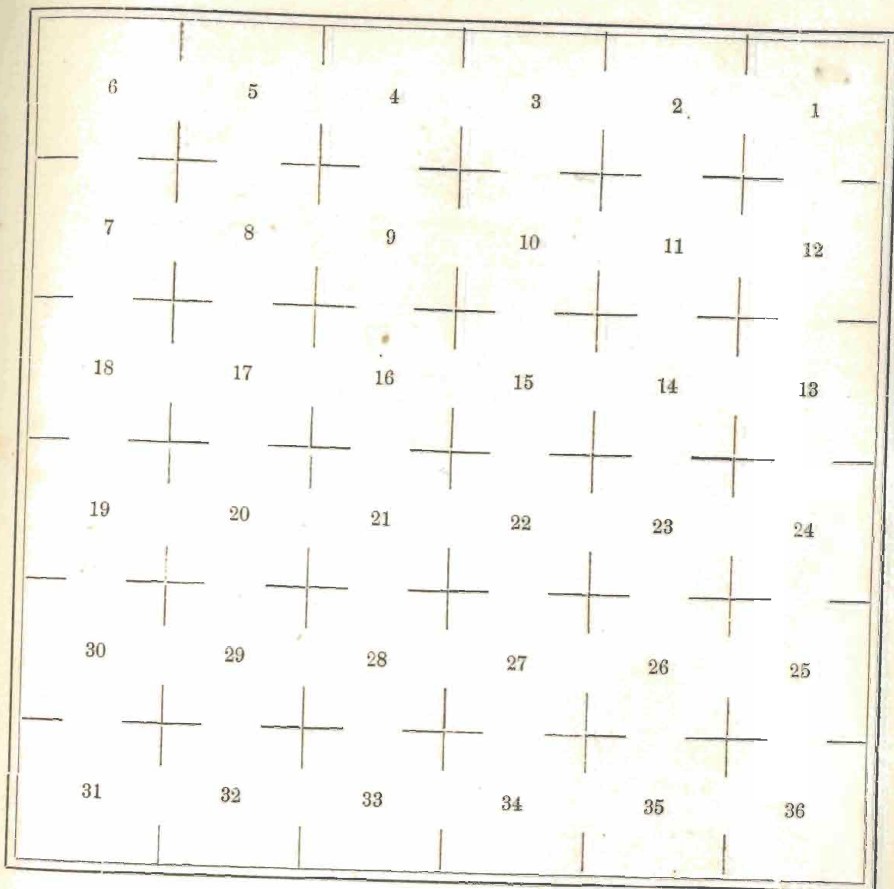
28.40

27.50

Township

Range

M.



Township

Range

M.

6	5	4	3	2	1
+	+	+	+	+	
7	8	9	10	11	12
+	+	+	+	+	
18	17	16	15	14	13
+	+	+	+	+	
19	20	21	22	23	24
+	+	+	+	+	
30	29	28	27	26	25
+	+	+	+	+	
31	32	33	34	35	36

Township

Range

M.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

OATH OF CHAINMEN.

We, Geo. T. Fager and
W. A. Downer,

hereby certify and solemnly swear that we have carefully and faithfully chained all the lines of the surveys shown upon the annexed diagrams of townships 40th, R.S. 22nd 23rd,
T. 5 S., R. 21 W., S. 9 S. R. M. and that the measurements of the same, as determined by us, are correctly recorded thereon.

We further certify that the chains used by us in the aforesaid surveys were daily compared and corrected by standard measure; that all distances have been obtained by horizontal measurements, and that we have in all other respects discharged our duties in accordance with legal instructions.

Geo. T. Fager.
W. A. Downer.

Subscribed and Sworn to before me this 2nd day of May 1881.

Chas. S. Norton
Notary Public,
Yuma Co. Arizona,

OATH OF AXMEN AND MOUNDMEN

We, A. N. Harper and
C. S. Alverson,

Flagman
axmen and moundmen in the survey of T. 40th, R.S. 22nd 23rd, T. 5 S., R. 21 W., S. 9 S. R. M. hereby certify and solemnly swear that we have carefully and faithfully marked all the true lines and corners of the said surveys upon which measurements are shown upon the diagrams hereto attached, in accordance with instructions and the requirements of the surveying manual.

A. N. Harper
C. S. Alverson

Subscribed and Sworn to before me this 2nd day of May 1881.

Chas. S. Norton
Notary Public,
Yuma Co. Arizona,