

No. 1464

BOOK 1464

"Book No. 5"

Plattner

~~See~~ See Index ~~pages~~

Field Notes

OF THE SURVEY OF

Third. The

~~and~~ Guide Meridian
East through Sp. 21, 22,
23 and part of 24 S.

No. 1464

BOOK 1464

(See Resurvey by Coutzen, Feb. 1903
under contract Spec Instructions)

Gila and Salt River Base and Meridian

ARIZONA.

By J. B. McLaughlin D. S.

Under contract dated June 8th 1883

Survey commenced Feb. 7th 1884

Survey completed July 8th 1884

1464

Compared

No. 1464

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3^d Guide Meridian S.
 through
 Imp. 21 S. Pgs. 1 to 11 incl.
 " 22 S. " 12 to 23 "
 " 23 S. " 23 to 32 "
 " 24 S. " 33 to 37 "

BOOK 1464

Bett. Res. 17 and 18 E.

221 S			222 S			223 S			224 S		
1	2	6	1	12	6	1	23	6	1	33	6
12	3	7	12	13	7	12	25	7	12	34	7
13	5	18	13	15	18	13	26	18	13	35	18
24	6	19	24	18	19	24	28	19	24	36	19
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For description of Inst.
used and preliminary notes
see "Book No. 2"

3rd Line Meridian South Chain

From the Standard corner
to Trps. 20 & 21 S., R's. 17 & 18 E.
which is a stone firmly
set in the ground with pits
and mound of earth. I
run west 35.70 chs. for the
natural convergence and
set for a closing corner.
A Malpais stone 20 x 6 x 5 in
15 ins. in the ground for closing
cor. to Trps 20 & 21 S., R's 17
& 18 E. Marked C.C. with 6
notches on S. E. & W. edges,
dug pits 24 x 18 x 12 ins crosswise
on each line S. E. & W. of
stone 6 ft. dist and raised
a mound of earth 2 1/2 ft. high
5 ft. base alongside -
From this point I run

through Prop. 21 South
chains

S. bet. Secs. 1 & 6

$121^{\circ} 48' E.$

20.00 Prairie 15-16 wide Co. N.E.

40.00 Set a Malpais rock 12×12

$\times 6$ 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

58.26 Interest N. bdy. of San Ignacio del Botomocani
Grant 3 miles 71.32 Chs. E. of N.W. Cor. and

Set a granite stone $12 \times 12 \times 6$ ins in the ground for
Kosiny Cor. marked C.C. on N. & S. J.B. on
S. dug pits $18 \times 18 \times 12$ ins. E. N. & N. of stone $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft.
high $4\frac{1}{2}$ ft. base along side -

80.00 Set a granite stone 18

$\times 9 \times 6$ ins 12 ins in the ground
for cor to Secs. 1, 6. 74.517

marked with 1 notch on N
and 5 notches on S. edges,

3rd line Meridian South
Chains

dug pits 18X18X12 ins in
 each section 5 1/2 ft. dist.,
 and raised a mound of
 earth 2 ft high 4 1/2 ft base
 along side. Altitude 5500 ft.
 Land rolling
 Soil 1st rate
 Good grass
 No timber.

S. bet. Secs 7th & 12
 to 12th - 48th E.

18.00

Descend into Ravine

24.00

Leave same Co. W.E.

40.00

Hit a Limestone 18X17X9 ins.
 12 ins. in the ground for

1/4 sec. Cor. Marked 1/4 on

W. face. dug pits 18X18X

12 ins. W. E. of stone 5 1/2 ft.

dist and raised a

Through Exp 21 South

Chains

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

74.00 Enters valley - course N.W.
 and S.W.

8000 Set a Limestone $14 \times 12 \times 6$ ins
 9 ins in the ground for core
 to secs 7, 12, 13⁴⁰ & 18 marked
 with 2 notches on N. and
 4 notches on S. edges.
 dug pits $18 \times 18 \times 12$ ins in
 each section $5\frac{1}{2}$ ft. dist.,
 and raised a mound of
 earth 2 ft high $4\frac{1}{2}$ ft
 base along side. Alt. 5550 ft.

Land level

Soil 1st rate

Good grass

No timber -

5
 Find Guide Meridian South
 Chain

S. bet. Secs. 13rd & 18th
 Va 12° - 48' E.

- 2.00 Leave valley - enter cutting
 timber
- 40.00 Set a Granite stone 18x10x6 ins.
 12 ins in the ground for $\frac{1}{4}$
 Sec. cor. marked $\frac{1}{4}$ on
 N. face, and raised a
 mound of stone alongside
 pits impracticable
- 51.50 Road - bro. N.E. $\frac{1}{4}$ S.W.
- 71.30 Wash - to the side Co. N.E.
- 80.00 Set a Limestone 18x10x5 ins.
 12 ins in the ground for Cor.
 to Secs. 19, 24/34/18. marked
 with 3 notches on N, E & S.
 edges and raised a
 mound of stone alongside
 From stone an oak 12 ins diam.
 bro. S. 40° E. 130 lks dist.

through Trps. 21 South
Chains

E

T. 21 S., R. 18 E., S. 19, B. T.

James Vaughan's House Trs.
S. 40° W. about 12 Chs.

Altitude 5600 ft.

Surface rolling

Soil *st. soil*

Good grass

Scattered oak

S. bet. Secs. 19th & 24th.

Va. 12° 48' E.

Ascend gradually through
dense oak timber.

- 3.56 Dry Wash 20 lks wide. Course N.W.
- 5.70 " " 20 lks. " " N.E.
- 8.40 " " 20 lks. " " N.W.
- 10.84 " " 20 lks. " " N.E.
- 30.37 Intersect South ldy. of San Ignacio del
Bobalcomani Grant 13 miles 48.00 chs. E. of
Dr. W. Corvex and for a Closing Cor.
Set a Granite stone 12 X 8 X 4 ins & ins in
the ground for Closing Cor. marked C.C.

Good Guide Meridian South

Chains

- 35.70 On S. and S. E. 18. on N. faces, dug pits 5. N. 4 S.
 17 ft. diam 5 1/2 ft. dist and raised a mound of earth
 12 ft. high 4 1/2 ft. base alongside
 Dry Well. 5. 1/2 ft. wide Course W. N. W.
- 40.00 Set a granite stone 18 x 7 x 5 ins
 12 ins. in the ground for 1/4 sec.
 cor. marked 1/4 on N. face
 and raised a mound of
 stone alongside from which
 an oak 8 ins. diam. bns. N. 45° W.
 92 lbs. dist, marked 1/4 S. B. T.
- 80.00 On oak 7 ins. diam. bns S. 44° E.
 74 lbs. dist, marked 1/4 S. B. T.
- Set a granite stone 12 x 10 x 8 ins
 8 ins. in the ground for cor. to
 Secs. 19, 24, 25 & 30 marked with
 4 notches on N. and 2 notches
 on S. edges, dug pits 18 x 18 x 12 ins
 in each section 5 1/2 ft. dist,
 and raised a mound of earth
 2 ft. high, 4 1/2 ft. base alongside.
 From stone. A white oak 20 ins.
 in diam. bns. N. 88° W. 95 lbs.

Through Trip 21 South
Chains

dist. marked T. 21 S., R 17 E.
S. 24, B. J.

A black oak 18 ins. in diam.
brs. S. 74 E. 148 lbs. dist.
marked T. 21 S., R 18 E., S. 30 B. J.
Altitude 5650 ft.

Land - hilly -

Soil - 3d. rate

Good grass.

Dense oak timber and brush -

S. bet. Secs. 25 ²⁵ 30

va 120-48' E.

29.50 Wash 10 lbs. wide corner E. and
leave timber bro E. str.

40.00 Set a Limestone 18x10x6 ins. 12 ins
in the ground for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ in W. face and
raised a mound of stone
alongside. pits impracticable.

9
 2nd Guide Meridian South
 Chains

- 54.00 Wash 80 lbs. wide C. E.
 Center timber ascending -
- 79.80 Wash 5 lbs. wide corner W.E.
- 80.00 Set a Granite Stone 14 X 12 X 10 ins.
 9 in. in the ground for Cor.
 to Secs 25, 32, 31 and 36 marked
 with 5 notches on N. and
 1 notch on S. edges and
 raised a mound of stone
 alongside. Iron stone
 An oak 6 in. diam. bro.
 S. 40° E. 161 lbs. dist. marked
 I. 21 S. R. 18 E. S. 31 B. T.
 An oak 7 in. diam. bro. S. 28° W.
 69 lbs. dist. marked I. 21 S. R. 11
 E. S. 36 B. T. At 56 75 ft.
 Land heavy -
 Soil. 25 in.
 Thin Grass
 Dense oak timber & brush -

through Trip 21 South

Chains

S. bet. Secs. 31nd & 36-
Va 120 48' E.

34.00 Wash 12 lbs. wide Runn E.

41.00 Set a Granite stone 16x10x8 ins.
10 ins in the ground for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ on N. face,
dig pits 18x18x12 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. long side
from Cor. stone an oak (lines
drain. bro. S 87° E. 21 lbs. dist.
marked $\frac{1}{4}$ D.B.T.

A Juniper 24 ins. drain bro.
S. 86° W. 135 lbs. dist., marked
 $\frac{1}{4}$ D.B.T.

44.00 Center wash 10 lbs wide Co. N 2° E

50.80 N.E. Cor. of San Rafael Grant
bro. E. 7 miles 15.84 Chs.

2nd Guide Meridian South
Chains

8000 Set a Limestone 12x12x12 in
 fine in the ground for Cor.
 To Twp 21 & 22 S., R. 17 & 18 E.
 marked with 6 notches on
 each edge and raised a
 mound of stone alongside
 pits impracticable - from Cor.
 a Black Oak 4 in diam bro.
 N. 50° W. 168 lbs. Dist. marked
 S. 21 W., R 17 E. S. 36 B. S.
 No other trees in limits -
 Land - hilly
 Soil - 3d rate -
 Fair grass
 Dense oak timber and brush

through Trps 22 south
chains

From the cor. to Trps 21 and 22 S.
Dgs. 17 & 18 E. just established
by one S run
S. bet Secs. 1 and 6
Va 12° - 48' E.

- 4.30 Ascend peak of Canaille Mts.
25.70 Top of peak thro E. 150 yds -
descend
37.00 Ravine - Course S. E.
Ascend E. slope of Mt. thro N. 48.
40.00 Set a Limestone 12x10x6 ins 8 ins
in the ground for 1/4 sec. cor.
marked 1/4 on N. face, and
raised a mound of stone along
side. From cor. stone one
oak 10 ins in diam. thro N. 10° E.
46 yds. dist. marked 1/4 S. B. T.
An oak 12 ins. diam. bears N. 48° W.
32 yds. dist. marked 1/4 S. B. T.
On E. slope of Mountain

through Trip 22 South- Chains

- | | |
|-------|--|
| 10.00 | Top of Mt. Spur - bro E. 45 W.
Descend |
| 15.50 | Foot of Spur - Cross Gulch
20 lks. wide - Course S.E. Ascend - |
| 20.00 | Top of Mt. Spur bro. E. 4 W.
Descend - |
| 24.50 | Top of Mt. spur and ascend |
| 40.00 | Set a Limestone 12x12x10 ins.
8 ins. in the ground for 4 Dec.
Co. marked 1/4 on N. face,
and raised a mound of stone
alongside Iron corner an
oak 8 ins. in diam. bro S. 40 W.
38 lks. dist, marked 1/4 P. B. J.
A Juniper 6 ins in diam. bro.
N. 80 W. 60 lks. dist, marked
1/4 S. P. J. |
| 47.00 | Top of McLaughlin's Peak
bro. N. 1 ch. dist. |
| 68.52 | Foot of peak and Wash 20 lks. |

2nd Guide Meridian South chains

wide - course S.E.

8000 Set a Limestone 10X10X8 ins.
6 ins in the ground for cor.
to Secs. 7, 12, 13^{4d} 18, marked
with 2 notches on N. and
4 notches on S edges,
and raised a mound of
stone along side -

pit. impracticable

Altitude 6650 ft.

Land - Mountainous

Soil 4th rate

Good grass

Dense oak and juniper brush

S. bet. Secs 13^{4d} 18

1/2 12° 48' E.

Low small sparse prairie
E. and W.

Through Trp. 22 South-
Chains

- 40.00 Set a granite stone 12x10x6 ins.
8 ins in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face
with mound of stone along
side - pits impracticable -
From cor. stone an oak 11 ins
in diam. brs. S. 49° E. 38 lks. dist.
marked $\frac{1}{4}$ S. B. T.
An oak 8 ins. in diam. brs. S. 43° W.
51 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 47.20 Wash 20 lks. wide. Course S. E.
- 50.43 Wash 20 lks. wide. " E.
- Ascend
- 57.50 Top of spur brs. E. 45° W.
- Descend -
- 77.15 Foot. ^{of spur & cross} Wash 20 lks. wide. C. S. E.
- 80.00 Set a Granite Stone 14x10x6
ins. 10 ins in the ground for
cor. to Secs. 13, 18, 19 & 24
marked with 3 notches

3rd Guide Meridian South

Chains

on N. & S. edges - and
 raised a mound of stone
 alongside pits in prae-
 tierra. From Cr. Stone
 An Oak 9 ins. dia. bro. N. 40° E.
 34 lks. dist. marked J. 22 S.

R. 18 E. S. 18. B. J.

An Oak 8 ins. dia. bro. S 46° W.
 57 lks. dist. marked J. 22 S.

R. 17 E. O. 24 B. J.

Altitude 6600 ft
 Land Mountainous
 Soil 3d rate.

Fair grass

Some growth of
 oak brush -

through Top 22 South -

Chains

S. bet Aug 19th & 24th
 Pa. 12° - 48' E.

9.00 Wash 10 lbs. wide Co. E.

23.37 Wash 12 " " Co. E.

Ascend -

33.00 Top of rocky spur. bro. E. & W.
 Descend -

40.00 Set a Granite stone 16 x 16 x 8 in
 10 ins in the ground for base. Cor.
 marked $\frac{1}{4}$ on N. face and
 raised a mound of stone
 along side - from Cor. stone
 An oak 12 ins. dia. bro. N. 37° E.
 64 lbs. dist., marked $\frac{1}{4}$ D. B. I. -

A juniper 11 ins. in dia. bro.
 S. 76° W. 43 lbs. dist., marked
 $\frac{1}{4}$ D. B. I. Cameraria beetle, bro. N. 7° 15' W.
 about 60 chs. dist.

40.00 Foot of rocky spur. bro. E. & W.
 Ascend -

68.00 Top of divide between

2nd Guide Meridian South

Chains

Santa Cruz and San Pedro
Rivers - hrs. S.E. & N.W. -

8000 Set a granite stone 18x16x6 ins
12 ins. in the ground for
Cor. to Secs. 19, 24, 25 and 30
marked with 4 notches on
N. and 2 on S. edges and
raised a mound of stone
alongside. From Cor. Stone
An oak 7 ins. dia. hrs. N. 82° E.
59 lbs. dist. marked J. 22 S.
R. 18 E., S. 19 B. J.

An oak 12 ins. dia hrs. S. 85° W.
21 lbs. dist. marked J. 22 S.
R. 17 E., S. 25 B. J.

Land - Mountainous

Soil 3^d rate

Dense oak timber and brush

Through Trp. 22 South
Chain

S. bet. Decs 25th & 30th
Va 12° 48' E.

- 39.20 Road - bet. W.E. & S.W.
- 40.00 Set a granite stone 12x12x6 ins.
Pins in the ground for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ on W. face
and raised a mound of
stone along side pits impre-
tious - Iron Cor. pin
An oak 10 ins. dia. bet. S. 74° E.
62 lbs. dist. marked $\frac{1}{4}$ D. B. I.
An oak 5 ins. dia. bet. W. 2° W.
62 lbs. dist. marked $\frac{1}{4}$ D. B. I.
- 40.10 Road - bet. W.E. & S.W.
- 43.30 Wash Cr. S.W.
- 50.00 Set a granite stone 12x8x7 ins
Pins in the ground for the cor.
to Decs. 25, 30. 31st & 36 marked
with 1 notch on S and 5
notches on N. edges, and

2nd Guide Meridian South
Texas

Visited a mound of stone
along side pits impracticable
An oak 16 ins. dia. bro. 71 88° E.
83 lbs dist. marked J. 22 S.

R. 18 E. S. 30 B. T.

An oak 12 ins. dia. bro. S. 40 W.

14 lbs dist., marked J. 22 S.

R. 17 E. Q. 36 B. T. Alt. 6450 ft.

See face Mountains

Soil 3d or 4th

fair Grass

Dense oak timber & brush

S. bet Secs. 3 & 4 S. 6.

N. 12-48° E.

Descending

17.58 Mark 25 lbs wide Course S. W.

24.55 Mark 50 lbs. wide Course S. W.

40.00 Set a Granite stone 16x12x6
ins. 10 ins in the ground

through Imp. 22 South.

Chains

for 1/4 Sec. Cor. marked
1/4 on N. face and raised
a mound of stone alongside
pits impracticable.

An oak pins. dia. bro. S. 85° W.
102 lbs. dist. marked 1/4 P.B.T.

An oak pins. dia. bro. S. 42° E.
41 lbs. dist. marked 1/4 P.B.T.

48.45 Wash 25 lbs. wide Co. Cor.

59.45 Wash " " " " " W.

80.00 Set a Granite stone 18x12x6 ins

12 ins in the ground for cor to
Tops. 22nd 23rd, Rgs. 17th 18th

18 E. marked with 6 notches
on each edge and raised
a mound of stone along
side. pits impracticable.

Drum Cor. Stone an
Oak 18 in dia bro. S. 47° E.
137 lbs dist. marked

2nd Guide Meridian South chains

223 S. R 18 E. S 6 B. T.
An Oak 12 ins. dia bro. 4.75 W.
69 Mps. dist. marked 222 S.

23
I carefully examine the adjustments
of my Polar transit today
particularly the latitude and
reversing apparatus and find
them correct.

BOOK 1464

February 7th 1884-

23 S. R's. 17 and 18 E. just
established by me I run
D. bet. Dec. 1st and 6

Va. 12° 48' E.

14.09

Wash 5 Mps. wide course N.W.

21.10

Wash 100 Mps. " " N.

Enter level country

30.00

Level level country

40.00

Set a Granite stone 12x12x10 ins
8 ins. in the ground for 1/2 mile

Through Imp. 2 3 South
chains

Cor. marked $\frac{1}{4}$ on W. face
and raised a mound of stone
along side. pits impracticable -
From Cor. stone an oak
8 ins. dia. bno. $Q. 68^{\circ} W. 44$ lbs.
dist. marked $\frac{1}{4}$ P. B. I.

Leave dense timber enter
cutting timber & brush

7700
80.00

Enter flat. Cor. E. & W.
Set a granite stone $16 \times 8 \times 8$ ins.
10 ins. in the ground for the cor. to
Dec. 1.6. $7^{\frac{1}{2}} S 12$ marked
with 1 notch on N. and 5 notches
on S. edges and raised a
mound of stone along side
Pits impracticable - from Cor.
an oak 24 ins. dia. bno. $N. 87^{\circ} E.$
57 lbs. dist. marked I. 138.
R 18 E. S. 6 B. I.
An oak 20 ins. dia. bno. $N. 82^{\circ} W.$

~~Third~~ Third Guide Meridiana South
Chain

65 Mts. dist, marked J. 23 S.
R. 17 E. P. 1 B. J.
Altitude 6100 ft.
Land - hilly
Soil 35 rate
Fair Grass
Oak timber - with dense
oak undergrowth -

S. bet. Secs 9 & 10
12 190 48' E.

.26 Wash 10 Mts. wide Co. W.
1.50 " " " " " W.W.
4.20 Leave flat - Course W.
40.00

Set a Granite stone 17 x 8 x 6 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on W
face, dug pits 18 x 18 x 12 ins. N. and 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.

Through Trip 23 South Chains

8000 Set a Granite stone $12 \times 10 \times 8$ ins., 8 ins. in the ground for Cor. to Secs. 7, 12, 13 & 18 marked with 4 notches on S. 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. alongside.

Land hilly & broken.

Soil 2d rate.

Scattering timber. dense oak undergrowth.

S. bet. Secs. 13 & 18

$7\frac{1}{2} 12^{\circ} 48' E.$

1300 Wash 12 dks. wide Course W.

1400 " 40 " " " "

4000 Set a Granite stone $12 \times 10 \times 6$ ins., 8 ins. in the ground for $\frac{1}{2}$ Sec. Cor. marked $\frac{1}{2}$ on "W" face, dug pits $18 \times 18 \times 12$ ins. "N. and S. of stone $6\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $3\frac{1}{2}$ ft. base. alongside. From Stone

27
D^{3rd}Guide Meridian South
chains

An oak 5 ins diam. brs.
N. 60° E. 18 lks. dist. marked
1/4 P. B. I.

An oak 20 ins diam. S. 42° E.
78 lks. dist. marked 1/4 P. B. I.

43.00 Wash 10 lks. wide from N.

59.80 " 12 " " " W.

80.00 Set a Granite stone 4 8 x 6 ins. 10 ins. in
the ground for Cor. to Secs. 13, 18, 19 & 24 marked
with 3 notches on S. and 3 notches on N. edges,
dig pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft.
dist. and raised a mound of earth 2 ft. high.
2 1/2 ft. base. alongside. from stone

An oak 13 ins. dia. Brs. S. 45° E.
27 lks. dist., marked I, 23 S.
R. 18 E. S. 19 B. I.

An oak 15 ins. diam. S. 38° W.
97 lks. dist., marked I, 23 S.
R. 17 E., D. 24 B. I. Alt. 6000 ft.

Land hilly
Soil 25 rows

through Trip 23 South
Chain

Good grass
containing timber

S. bet. Secs. 19th & 24th
Va 12° 48' E.

- 15.00 Enter flat. $\frac{1}{2}$ N.E. & S.W.
- 20.60 Wash 30 lbs. wide Corner S.W.
- 26.40 Square flat ^{Corner} S.W.
- 40.00 Set a Granite stone 14 X 12 X 10 ins.
10 ins in the ground for $\frac{1}{4}$ Dec.
Cor. marked $\frac{1}{4}$ on N. face and
raised a mound of stone
alongside, pile impracticable
from Cor. Stone an oak
30 ins. dia. bns. N. 90° E. 147 lbs.
marked $\frac{1}{4}$ P.B.I.
- 45.00 Wash 30 lbs wide, Corner S.W.
Ascend steep bank
- 80.00 Set a Granite stone 20 X 8
X 8 ins. 15 ins in the ground

2nd Guide Meridian South
Chains

for Cor. to Secs 19, 24, 25
and 30, marked 2 notches
on S. and 4 notches on N.
edges and raised a mound
of stone alongside -
Site impracticable -
Altitude 5880 ft.
Land - hilly & broken
Soil 2d rate
Good grass -
Leathery oak -

S. bet. Secs. 25 and 30
7a 12° 48' E.

40.00 Over hilly & broken country
Set a Granite Stone 12 x 8 x 9 in.
8 in. in the ground for 1/4 Dec.
Cor. marked 1/4 on N. face
and raised a mound of
stone alongside - Site

Through Trip 23 South
chain

impracticata -

5852

Trash 100 yds. wide Corner C.M.

77.00

Ascend ridge bro E. 45 W.

80.00

Set a Granite stone 18x16x12

ins., 12 ins., in the ground for

Cor to Secs 25, 30, 31 45 36

marked with 1 notch on S,

and 5 notches on N. edges -

and raised a mound of

stone alongside - pit's imprac-
ticable from Cor. Stone

An oak 6 ins. dia. bro 76.41° E.

42 yds. dist. marked 123 S,

R. 18 E. S. 30 B. 9

An oak 10 ins. dia. bro 78.0° W.

57 yds. dist. marked 123 S,

R. 17 E., Q. 25 B. T. Mt. 5550 ft.

Land - broken & hilly

Soil 2^d - etc

Fair grass - scattering oak -

3rd Guide Meridian South chains

D. bet Decs. 31st & 36th
Ya. 12° 48' E.

Ascend

- | | |
|-------|---|
| 2.00 | Top of ridge bet. E. & W. |
| 7.27 | Foot of ridge -
Wash 15 lbs. wide C. D. N. |
| 14.52 | " 25 " " " D. N. |
| 30.46 | " 40 " " " D. N. |
| 40.00 | Set a Granite Stone 16 X 14
X 4 ins. 10 ins in the ground
for 1/4 Dec. Cor. marked 1/4
on W. face and raised
a mound of stone along
side; pits impracticable - from
Cor. stone an oak 18 ins.
dia. bet. N. 80° E. 189 lbs. net,
marked 1/4 D. B. T. |
| 70.30 | Wash 50 lbs. wide C. D. N. |
| 80.00 | Set a Granite stone 16 X 10 X 6
ins 10 ins in the ground for |

through Imps 23 South
Chains

Cor. to Imps 23 and 24 S.
Rqs. 17th S 18 E. marked with
6 notches on each edge
and raised a mound
of stone along side; pits
impracticable - from Cor.
an oak 14 ins dia. brs 77th 5 E.
106 lbs. dist. marked S. 23 S.
R. 18 E. S. 31 B. I.

An oak 22 ins. dia brs. 41 1/2 W.
55 lbs. dist. marked S. 23 S.
R. 17 E. Dec. 36 B. I.

Altitude 5775 ft.
Land hilly
Soil 1st & 2^d rate
Good grass
scattering oak

2nd Guide Meridian South
 Chain

From the Cor to Twp 23 and
 24 S., Rgs. 17th & 18th E. just
 established by one Brun
 D. bet. Dec. 1st & 6

Ya 12° - 48' E.

40.00

Set a granite stone 12 x 12 x 10 ins
 8 ins in the ground for 1/4 Dec.
 Cor. marked 1/4 on N. face
 and raised a mound of stone
 along side. pits impracticable

80.00

Set a Granite stone 6 x 12 x 8 ins, 10 ins. in
 the ground for Cor. to Secs. 16, 17 & 12 marked
 with 5 notches on S. and 1 notch on N. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.
 and raised a mound of earth 2 ft. high,
 4 1/2 ft. base. alongside. Alt. 5750 ft.

Land Broken & hilly -
 Soil 2nd rate -
 Good grass.
 scattering oak timber & shrubs.

Through Trip 24 South
Chains

S. bet Decs. 7th & 12

7a. 19°-48" E.

2653
4000

Hanshaw road - bet. E. & S W.

Set a Granite stone 14x10x8 ins.

10 ins in the ground for 1/4 Dec.

Cor. marked 1/4 on N. face

and raised a mound of stone

along side pits impracticable.

From cor. stone on rule 7 ins

dia. bet. N. 40° E. 134. lks. dist.

marked 1/4 P. B. I.

8000

Set a Granite stone 15x10x8 ins

10 ins in the ground for Cor. to

Decs. 7. 12. 13 & 18 marked

with 4 notches on S. and 2

notches on N. edges and

raised a mound of stone

along side pits impracticable

Altitude 5700 ft.

Land. Lilly -

2^d Guide Meridian South
Chains

Doie 2^d rate.

Good grass -
Scattering oak -

S. bet Lees. 13th & 18th
Ta 12248 E.

14.71 Wagon Road bro. E. & N.

40.00 Set a Sand. stone, 14" x 8" x 6" ins. 10 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits 18 x 18 x 12 ins. N. and 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.

43.69 Wagon Road bro. N.W. & S.E.

72.00 Descend into flat - $\frac{1}{4}$ Sec. ⁶⁰⁰ N.W.

73.12 Road - bro. S.E. & S.W.

80.00 Set a granite stone 16 x 10 x 4 ins
10 ins in the ground for cor. to
Secs. 13, 18, 19 & 24 marked
with 3 notches on N. & S.
edges, and raised a

through Sep. 24 South
Chain

mound of stone along side
pits impracticable -
Altitude 5600 ft
Land - hilly
Soil 2d rate
Good grass -
Scattering oak -

D. bet. Decs. 19th & 24
Va 12° - 48' E.

351
5.00
29.48

Wash 80 lbs. wide corner W.M.
Leave flat Co. W.

Intersect International
Boundary 2 miles and 38 chs.
E of Monument. which is a pyramid of
stone about 5 ft. high

act for Closing Corner
a granite stone 16 x 10 x 8 ins
10 ins in the ground marked
U.S. & C. on N. and
Mex. on S. faces

3^d Guide Meridian South

Chains

and raised a mound

37A

I carefully examined the adjustments of my Solar Transit today particularly the latitude and reversing apparatus and find them correct.

BOOK 1464

February 8th 1854.

General Description -
This line is over a good country; commencing in the valley of the Babacomari river there is a gradual ascent, through oak timber brush and good grass, to the top of the Canaille Mts. about 10 miles south, to the divide between the San Pedro and the Santa Cruz waters. From the

through Trip 24 South

Ohio

divide there is a gradual descent along the head of the Santa Cruz river through the San Rafael Grant, over rolling and broken country producing a good quantity and quality of grass and a fair quantity of oak timber. The soil is alluvial with a fair percentage of the Silicious element.

For final notes see "Book No. 8"

No. 1464

U. S. Surveyor General's Office,

Tucson, Arizona, July 21, 1884

The foregoing Field Notes of the Survey of the

Second Guide Meridian
East through Townships
21, 22, 23 and part of 24
South

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by

J. B. McLaughlin

Deputy Surveyor, under his contract of the

18th,

day of

June

, 1884, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved

Royal A. Johnson
Surveyor General.