

BOOK 1468

1468

1468

F I E L D N O T E S
OF THE SURVEY OF THE

2nd Standard Par'l. South, bet.
Ranges 5 and 10 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By R. C. Powers, D. S., under
Contract dated July 20, 1883.
Survey commenced Oct. 25, 1883.
Survey completed Nov. 1st, 1883.

G. Norman S. Frost 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.

Norman S. Frost
Compassman

Sworn to and subscribed before me this

23^d day of Oct - 1884

M. J. Walsh
Notary Public

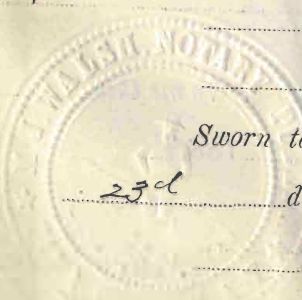
Paul Riccker do solemnly swear that I will well and truly perform the duties of Compassman according to instructions given me and to the best of my skill and ability.

Paul Riccker
Compassman

Sworn to and subscribed before me this

23^d day of Oct - 1884

M. J. Walsh
Notary Public



13 Preliminary Oaths of Assistants.

We Jno W. Casady, Charles Clark
 and Thomas Wayboarn & William Dale
 do solemnly swear that we will well and faithfully execute
 the duties of Chain Carriers; that we will level the chain over
 even and uneven ground, and plumb the tally pins, either by
 sticking or dropping the same; that we will report the true dis-
 tance to all notable objects, and the true length of all lines that
 we assist in measuring, to the best of our skill and ability and
 in accordance with instructions given us in the survey of the
1st Stand. South through Rs 1-7 E. and 2^d Stand South
through Rs 5 to 10 E. & Auxiliary Meridian E. bet. 1st & 2^d Stand S.
and Santa Cruz from Meridian through Tps 9 & 10 S. and Survey of
Tps 6 S. Rs 5-6 & 7 E. Tps 7 S. Rs 5-6 & 7 E. Tps 8 S. Rs 6, 7 & 8 E. Tps 9 S. Rs 7, 8, 9 & 10 E. & 7th
Rs 10 E.
 of the principal base and meridian in the Territory of Arizona.

Jno Casady Chainman.
Charles Clark Chainman
Thomas Wayboarn Chainman.
William Dale Chainman

Subscribed and sworn before me, this 25th

day of October 1883

Paul Becker
 Notary Public.

We Fred Anderson, Patrick Caslon, Geo W. Petty &
Charles W. Dorman

do solemnly swear that we will well and truly perform the
the duties of Monndman, and
flagman

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 1st Stand S. through Rs 1 to 7 E. and 2^d Stand

South through Rs 5 to 10 E & 1st Auxiliary Meridian E bet.

14 & 2^d Stand S. and Santa Cruz Goshute Meridian through Rs 9 & 10 S.

and Survey of Tps 6 S. Rs 5, 6 & 7 E. Tps 7 S. Rs 5, 6 & 7 E. Tps 8 S. R 6, 7 & 8 E

Tps 9 S. Rs 7, 8, 9 & 10 E & Tps 10 S. R 10 E.

of the principal base and meridian in the Territory of Arizona.

Fred Anderson Monndman
Patrick Caslon Monndman
Geo Hickey Monndman
Geo W. Petty Monndman
Charles W. Dorman flagman
John Pratt

Subscribed and sworn to before me this 25th 13

day of October 1883

Paul Rice
Notary Public.

Preliminary Oaths of Assistants.

We Ridgely M. Laird
and Narrew S. Porter

do solemnly swear that we will well and faithfully execute
duties of Chain Carriers; that we will level the chain over
and uneven ground, and plumb the tally pins, either by sticking
or dropping the same; that we will report the true distance
all notable objects, and the true length of all lines that we as-
in measuring, to the best of our skill and ability and in acco- l-
ance with instructions given us in the survey of the 1st Stand.

through Rs. 1 to 7 E., the 2nd Stand S. through Rs.

5 to 10 E. the 1st and Meridian E. bet. 121 & 2nd

Stand S. the Santa Cruz Merid. through

S. survey of the 6th Rs. 5, 6 & 7. E. the 7th Rs. 5, 6 & 7

Rs 7 & 8 E. the 9th Rs 7, 8 & 9 110 E. ^{the 10th Rs 10 E}

Ridgely M. Laird Chain

Narrew S. Porter Chain

Subscribed and sworn to before me, this 2nd

day of Oct. 1883

R. C. Powers
Notary Public.

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rest

No. 1468

1
IF

Standard Parallel South, through Range, 5th E.

chains. On the night of the 24th of October, 1883, I took an observation on the Star Polaris in accordance with instructions contained in the Manual of Surveys, and drove pickets on the line thus established.

Survey commenced Oct 25th with a Burt's improved Solar Compass.

Before commencing survey, I test my Compass, on the line established last night and find it correct.

2,
 5" Standard Parallel, South, through Range.

Chains, Finding the Cor. to Tps.
 10 S. Rs. 10 and 11 E. to be
 a mound of earth, with
 pits nearly destroyed.
 I re-establish the Cor. by
 setting a post $4\frac{1}{2}$ ft. long,
 4 ins. sq. with marked
 stone, 12 ins. in the ground
 for Standard Cor. to Tps
 10 S. Rs. 10 and 11 E. marked
 S. C. T^p 10 S. on N.
 R. 11 E., S. 31 on E. and
 R. 10 E. S. 36 on N. faces
 with 6 notches on N. E.
 and N. faces. Aug pits.
 24 x 18 x 12 ins. crosswise
 on each line, N. E. and N.

2" Standard Parallel South, through Range. 5 E.

Chains, of post, 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high, 5 ft. base around post.

Thence, I run West on a random line setting temporary $\frac{1}{4}$ and Sec. Corners at each 40 and 80 chs. and at 36 miles, and 5 chs. arrive at a point 55 lps. S. of the Standard Cor. to Tps. 11 S. R. 4 and 5 E. which is a post, 4 vis. square marked

S. C. T. 11 S. on N.
R. 5 E. S. 31 on E. and

"Standard Parallel South, through Range, S. E.

Chains, R. 4 E. S. 36 on W. faces
with 6 notches on N. E.
and W. faces and pits.
24 x 18 x 12 ins. crosswise
on each line. N. E. and
W. of post, 6 ft. dist. and
a mound of earth around
post.

Thence, I run
East on a true line, the
angle being so small that
it cannot be set off on the
instrument as it only
reads to minutes.

2" Standard Parallel South, through Range. 5

Chains, East on South Boundary of
Sec. 31.

Pa. $13^{\circ} 19' E$.

Ascending.

36.00 A Wash. 75 lks. wide, course
S.

45.00 Set a Volcanic Stone, 12 x
9 x 7 ins. 8 ins. in the ground
for Standard $\frac{1}{4}$ Sec. Cor.
marked. S. C. $\frac{1}{4}$ on N. face
dig pits, 18 x 18 x 12 ins. E.
and 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.

85.00 Set a Volcanic Stone,
13 x 11 x 10 ins. 9 ins. in the

3" Standard Parallel, South, through, Range. 5. E.

Chairs ground, for Standard Cor. to
secs. 31 and 32, marked
S. E. with 5 notches on
E. and 1 notch on W. edges.
Aug pits, 18 x 18 x 12 ins.
N. E. and W. of post 5 1/2 ft
dist. and raised a mound
of stone alongside,
Land Mountainous,
Soil 3" rate,
Dense underbrush and some
trees the entire mile,
Some Grass.

2" Standard Parallel South, through Range. 50

Chains, East on South Boundary, of
Sec. 32,

7a. $13^{\circ} 19'$ East.

Ascending.

40.00

Set a Volcanic Stone, $14 \times 10 \times 9$ ins. 9 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor. marked. S. C. $\frac{1}{4}$ on N. face dug pits, $18 \times 18 \times 12$ ins. E. and W. of Stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth - and Stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft base alongside.

59.75

Base of High Mountain.

88.00

Set a Volcanic Stone, $13 \times 10 \times 8$ ins. 8 ins. in

Standard Parallel, South, through Range, 5th E.

Chains, the ground for Standard
 Cor. to secs. 32 and 33,
 marked. S. E. with 4
 notches on E. and 2 notches
 on W. edges, and raised a
 mound of stone alongside.
 Pits impracticable.

Land Mountainous.

Soil 3" rate.

Worse brush and some
 timber the entire mile.

East, on South Boundary,
 Sec. 33.

Ya. $13^{\circ} 19' E.$
 Ascending over high

2" Standard Parallel South, through Range. 5^C

Chains,	Mountains.
19.15	Summit of Mountain Range frs. N. and S. and descend.
40.00	Set a post 3 ft. long, 3 in. square, with marked stone 12 in. in the ground for Standard $\frac{1}{4}$ Sec. Cor. marked S. E. $\frac{1}{4}$ S. on N. face, and raised a mound of stone around post. Pit - impracticable.
76.00	Enter Valley.
79.00	A Wash, 30 lks. wide, drains N.
80.00	Set a post, 4 ft. long, 4 in. square with marked stone $\frac{1}{2}$ in. in the ground, for

2" Standard Parallel, South, through Range, 5 E.

Chains. Standard Cor. to Secs,
 34 and 34, marked
 S. C. T. 11 S. R. 5 E. on N.
 S. 34 on E, S. 33 on W. faces
 with 3 notches on E. and W.
 faces. Aug pits, 18 x 18 x 12 ins.
 N. E. and W. of post 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft. high 4 1/2
 feet base around post.
 Land 76 chains. Mountainous.
 Soil 3" rate.
 Weuse brush and some trees
 the entire mile.

2^d Standard Parallel South, through Range. 5th E

Chains. East on South Boundary,
Sec. 34,

To 13' 19' East.

40.00

Set a post 3 ft. long, 3 ins. square, with marked stone $\frac{1}{2}$ ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor.

marked S. E. $\frac{1}{4}$ S. on N. face. Aug pits, 18 x 18 x 12 ins. E. and 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.

43.90

Trail to S. N. of S.

81.00

Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground

2,
 "Standard Parallel South, through Range. 56,

Chains, for Standard Cor. to Jess.
 34 and 35, marked
 S. C. J. 10 S. R. 5 E. on N.
 S. 35 on E. and
 S. 34 on W. faces, with
 2 notches on E. and 4 notches
 on W. faces, dug pits,
 18 x 18 x 12 ins. N. E. and
 W. of post, 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high, 4 1/2 ft. base
 around post.
 Land level.
 Soil 2" rate.
 Please brush the entire mile
 some Grass.

2" Standard Parallel South, Amagh. Range, 5 E.

Chains. East on South Boundary,
Sec. 35.

40.00 Va. $13^{\circ} 19'$ East,
Deposited a Marked Stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.

Dug pits, $18 \times 18 \times 12$ ins.
E. and 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 over it.

In E pit, drove a stake
3 ft. long, 2 ins. square,
12 ins. in the ground.

Marked S. C. $\frac{1}{4}$ S. on N.
face.

80.00 Set a post 4 ft. long, 4 ins.

2" Standard Parallel South, through, Range. 5 E

Chains. square with-marked stone
 1/2 vis. in the ground, for
 Standard Cor. to Secs. 35nd & 36,
 marked.

S. C. T. 11 S. R. 5 E. on N.
 S. 36 on E. and S. 35 on W.
 faces, with 1 notch on E.
 and 5 notches on W. faces
 dug pits, 18 x 18 x 12 vis.
 N. E. and W. of post, 5 1/2
 ft. dist, and raised a mound
 of earth, 2 ft. high, 4 1/2
 ft. base around post.

Land level.

Soil 3" rate

Use brush and some trees
 the entire mile.

2" Standard Parallel South, through Range. 50

Chairs, East on South Boundary,
Sec. 36.

7a. 13' 19' East.

13.90 # Trail hrs. N. as S.

16.13 # Wash, 12 lbs. wide,
drawn N.

40.00 Deposited a Marked Stone
12 ins. in the ground, for
Standard $\frac{1}{4}$ Sec. Cor.

dug pits, 18 x 18 x 12 ins.
E. and 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 over it. In East
pit drove a Stake, 2 ft. long,
2 ins. square, 12 ins. in the
ground. Marked, S. C.

2" Standard Parallel South. through Range, 5 E

Chains. $\frac{1}{4}$ S. on N. face,
 80. 00 set a post, 4 ft. long, 4 ins.
 square with a marked stone
 $\frac{1}{2}$ ins. in the ground for
 Standard Cor to Tps. 10 S.
 R's 5 and 6 E. marked
 S. L. T. 10 S. on N. R. 6 E.
 S. 31 on E. and
 R. 5 E, S 36 on W.
 faces. with 6 notches on
 N. E. and W. faces.
 dug pits, 24 x 18 x 12 ins.
 crosswise on each line,
 N. E. and W. of post 6 ft.
 dist and raised a mound
 of earth $2\frac{1}{2}$ ft. high. 5 ft.
 base around post.

3. 2" Standard Parallel, South, through, Range, 5

Chains. Land level,
Soil, 2" rate,
Weuse brush and some trees
the entire mile.

Through Range, 6 E.

From the Standard Cor. to
Tps. 11 S. Rs 5 and 6 E,
just established.

I run
East on South Boundary
Sec. 31,

40.10 Va. $13^{\circ} 19'$ East,
set a post 3 ft. long, 3 ins.

2" Standard Parallel South. through Range. 6

Chains, square with marked Stone
 $\frac{1}{2}$ vis. in the ground for
 Standard $\frac{1}{4}$ sec. Cor. marked
 S. E. $\frac{1}{4}$ S. on N. faces,
 dug pits, 18 x 18 x 12 vis.
 E. and W. of post 5 $\frac{1}{2}$ ft. dia
 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 vis.
 square, with marked Stone
 $\frac{1}{2}$ vis. in the ground for
 Standard Cor. to Sec. 31 and 32
 Marked.

S. E. T. 10 S. R. 6 E. on N.
 S. 32 on E. and
 S. 31 on W. faces, with

2^d Standard Parallel, South through Range, 6

Chains 5 notches on E. and 1 notch
on W. faces.

Dug pits 18 x 18 x 12 ins.
N. E. and W. of post, 5½ ft.
dist. and raised a mound of
earth 2 ft. high, 4½ ft.
base around post.

Land level.

Soil 2" rate.

Use brush the entire mile.

East, on South Boundary
Sec. 32.

To 13° 19' East.

40.00 Deposited a marked stone
12 ins. in the ground, for

2^d Standard Parallel South, through Range, 6 E.

Chains Standard $\frac{1}{4}$ Sec. Cor.

Aug pits, 18 x 18 x 12 ins.
E. and 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 over it.

In E. pit, drove a stake
2 ft. long, 2 ins. square, 12
ins. in the ground. Marked
S. C. $\frac{1}{4}$ S. on N. face.

80.00

Set a post, 4 ft. long, 4 ins.
square, with Marked stone
 $\frac{1}{2}$ ins. in the ground for
Standard Cor. to Secs.

32, and 33. marked.
S. C. T. 10 S. R. 6 E. on N.
S. 33 on E. and

2" Standard Parallel South, through Range, 6 E

Chairs. S. 32 on N. faces, with
4 notches on E. and two
notches on N. faces.

dug pits, 18 x 18 x 12 ins.
N. E. and N. of post, 5 1/2
ft. dist. and raised a mound
of earth - 3 ft. high, 4 1/2
ft. base around post.

Land level.

Soil 3" rate,

Wense brush the entire mile

At 12 o'clock M. take
latitude, find it to be
32° 31' N. Examine
instrument and find it in
adjustment.

Oct. 29th 1883.

2" Standard Parallel South, through Range, 68

Chains. East. on South Boundary
Sec. 33.

Ya. 13° 19' East.

27.95 H. Wagon Road. brs. N. and S.
40.00 Deposited a Marked Stone

12 ins. in the ground, for
Standard $\frac{1}{4}$ Sec. Cor.
dug pits, 10 x 10 x 12 ins.
E. and 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 over it.

In E. pit, drove a stake
2 ft. long, 2 ins. square,
12 ins. in the ground,
marked S. C. $\frac{1}{4}$ S or W.
face.

2" Standard Parallel South, through Range, 6

Chains

80.00

Set a post 4 ft. long, 4 ins. square with marked steel 12 ins. in the ground, for Standard Cor to Secs.

33 and 34, marked S. E. T. 11 S. R. 6 E. on N. S. 34 on E. and

S. 33 on N. face, with 3 notches on E. and N. faces dug pits, 18 x 18 x 12 ins. N. E. and N. of post, 5 1/2 ft. dist, and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land level.

Soil 2" rate,

Reuse brush the entire mile,

2" Standard Parallel South through Range, 6

Chains East on South Boundary,
Sec. 34 -

Ya. $13^{\circ} 09'$ East.

40.00 Deposited a marked stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.
dug pits, $18 \times 18 \times 12$ ins.
E. and 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 over it.

In E. pit, drove a stake
2 ft. long, 2 ins. square,
12 ins. in the ground

80.00 marked S. C. $\frac{1}{4}$ S. on N. face
set a post 4 ft. long, 4 ins.
square, with marked stone

2" Standard Parallel South. through Range, 60

Chains 12 ins. in the ground, for
 Standard Cor. to Secs.
 34 and 35, Marked
 S. C. T. 10 S. R. 6 E. on N.
 S. 35 on E. and
 S. 34 on W. faces, with
 2 notches on E. and 4
 notches on W. faces,
 dug pits, 18 x 18 x 12 ins.
 N. E. and W. of post, 5 1/2 ft
 dist. and raised a mound
 of earth, 2 ft. high, 4 1/2
 ft. base around post.
 Land level.
 Soil 2" rate.
 Please brush the entire mile.

2" Standard Parallel South, Through Range. 6

Chains. East. on South Boundary
Sec. 35.

To, $13^{\circ} 19'$ East.

40.00

Deposited. Marked Stone
12 ins. in the ground, for
Standard $\frac{1}{4}$ Sec. Cor.

dug pits, 18 x 18 x 12 ins,
E. and 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 over it.

In E. pit, drove a Stake
2 ft. long, 2 ins. square,
12 ins. in the ground,
marked. S. C. $\frac{1}{4}$ S. on N.
face.

80.00

Set a post 4 ft. long, 4 ins.

E, 2" Standard Parallel, South, through Range 6

Chairs. square with marked stone
 1/2 vis. in the ground, for
 Standard Cor. to Secs.
 35 and 36. marked -
 S. E. T. 10 S. R. 6 E. or N.
 S. 36 on E. and
 S. 35 on W. faces, with
 1 notch on E. and 5 notches
 on W. faces. Aug pits -
 18 x 18 x 12 vis. N. E. and
 W. of post. 5 1/2 ft. dist.
 and raised a mound of earth
 2 ft. high. 4 1/2 ft. base
 around post.
 Land level.
 Soil 2" rate.
 Please brush the entire mile.

2" Standard Parallel South. through Range. 6

Chains, East on South Boundary
Sec. 36.

7a. 13' 19' East.

Ascending.

40.00 Deposited a marked stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.

Dug pits. 18 x 18 x 12 ins.

E. and W. of Stone. 5 $\frac{1}{2}$ ft.

and raised a mound of earth
1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base
over it.

In E. pit. drove a stake
2 ft. long. 2 ins. square, 12
ins. in the ground. Marked
S. C. $\frac{1}{4}$ S. on N. face.

80.00 Set a post 4 ft. long. 4 ins.

2" Standard Parallel South, through Range, 6

Chains, square, with marked Stone.
 $\frac{1}{2}$ vis. in the ground, for
 Standard Cor. to Tps. 10 S.
 R. 6 ^{and} 7 E. marked.
 S. C. T. 10 S. on N. R. 7.
 S. 31 on E. and R. 6 E.
 S. 36 on W. faces, with
 6 notches on N. E. ^{and} W. faces
 Aug pit, 24 x 18 x 12 vis.
 Crosswise on each line.
 N. E. ^{and} W. of post. 6 ft.
 dist. ^{and} raised a mound
 of earth - $2\frac{1}{2}$ ft. high. 5 ft.
 base around post.
 Land nearly level.
 Soil 2" ^{and} 3" rate.
 Weuse touch the entire mile.

2^d Standard Parallel. South. through Range. 7^e.

Chains From the Standard Cor. to
Tps. 10 S. Rs. 6 ^{and} 7 E.
just established.

1 mi.

East on South Boundary.

Sec. 31.

To. 13° 19' East.

Commence Ascent over high
Mountain.

40.00

Set a post 3 ft. long, 3 ins.
square with marked stone
1/2 ins. in the ground for
Standard 1/4 Sec. Cor. Marked
S. C. 1/4 S. on N. face,
dug pits, 18 x 18 x 12 ins.
E. and W. of post, 5 1/2 ft.
dist. and raised a mound of

2" Standard Parallel South, through Range, 7 E.

- Chains. earth - $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 44.45 Summit of Mountain, to N. and S. and descend.
- 80.80 Set a Volcanic Stone.
 $21 \times 10 \times 10$ ins, 15 ins. in the ground for Standard Cor. to Secs. 31 and 32, marked S. C. with 5 notches on E. and 1 notch on W. Edges. and raised a mound of Stone alongside.
 Pits impracticable.
 Land Mountainous the entire mile.
 Soil 2" rate.
 Palo Verde and Cactus the entire mile.

2" Standard Parallel, South. Through Range 7th E

Chains East, on South Boundary,
Sec. 32.

Ya, 13° 09' East.

Descending

40.00

Set a post 3 ft. long, 3 ins square, with marked stone 1/2 ins. in the ground for Standard 1/4 Sec. Cor.

Marked, S. E. 1/4 S. on N. face dug pits, 18 x 18 x 12 ins. E. and W. of post. 5 1/2 ft. dist and raised a mound of earth. 1 1/2 ft. high, 3 1/2 ft. base around post.

5 1/2 00

Enter Valley.

80.00

Set a post 4 ft. long, 4 ins square, with marked stone

2" Standard Parallel, South, through Range, 7 E

Chairs, 12 ins. in the ground for
 Standard Cor. to Secs.
 32 and 33, marked
 S. C. T. 11 S. R. 7 E. on N.
 S. 33 on E. and
 S. 32 on W. faces, with
 4 notches on E. and 2
 notches on W. faces -
 dug pits, 18 x 18 x 12 ins.
 N. E. and N. of post, 5 1/2 ft
 dist. and raised a mound
 of earth - 2 ft. high, 4 1/2
 ft. base, around post.
 Land 5/8 cho Mountainous.
 Soil 3" rate.
 Dense brush and trees the
 entire mile.

2" Standard Parallel, South, through Range. 7/8

Chavis East on South Boundary
Sec. 33.

40.00 Va. $13^{\circ} 09'$ East,
Set a post 3 ft. long, 3 ins.
diam. with marked stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.
Marked, S. E. $\frac{1}{4}$ S. on N.
face, dug pits, 18 x 18 x
12 ins. E. and W. of post
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 Standard Cor. to Secs

2^d Standard Parallel, South, through Range, 7^E.

Chairs, 33 and 34, marked,
 S. C. T. 10 S. R. 7 E. on N.
 S. 34 on E. and
 S. 33 on W. faces, with
 3 notches, on E. and W. faces.
 Aug pits, 18 x 18 x 12 ins.
 N. E. and W. of post, 5 1/2
 ft. dist. and raised a mound
 of earth 2 ft. high, 4 1/2
 ft. base around post.
 Land level and falling.
 Soil 2" and 3" rate,
 bluish Palo Verde and
 Iron mod. the entire mile.

2" Standard Parallel, South, through Range, 76

Chains, East on South Boundary
Sec. 34.

38.90 Va 13° 19' East.
A Wash 40 lks. wide,
drains N.

41.10 Set a post, 3 ft. long, 3 ins.
square, with marked stone
1/2 ins. in the ground for
Standard 1/4 Sec. Cor
marked, S. E. 1/4 S. on N.
face, dug pits, 18 x 18 x 12
ins. E. and W. of post, 5 1/2
ft. dist, and raised a mound
of earth 1 1/2 ft. high, 3 1/2
ft. base around post.

73.25 A Wash 35 lks. wide
course North.

2^d Standard Parallel, South, through Range, 7th E.

Chains
80.00

Set a post, 4 ft. long, 4 ins. square, with marked stone $\frac{1}{2}$ ins. in the ground, for Standard Cor. to Secs.

34 and 35, marked

S. E. T. 11 S. R. 7 E. on N. Sec. 35 on E. and S. 34 on

N. faces, with 2 notches on E. and 4 notches on N. faces, dug pits, 18 x 18 x

12 ins. N. E. and N. of post, $5\frac{1}{2}$ ft. dist. and

raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling and broken

2" Standard Parallel, South, through Range, 7E,

Chairs Soil 3" rate,
 Weuse Palo Verde and Ironwood
 brush the entire mile,

East on South Boundary
 Sec. 35.

- 7a. $13^{\circ}19'$ East.
- 20.50 A Wash 18 lks. wide,
 drains N.
- 40.10 Set a post, 3 ft. long, 3
 ins. diam. with marked
 stone 12 ins. in ground for
 Standard $\frac{1}{4}$ Sec. Cor.
 marked S. C. $\frac{1}{4}$ S. on N.
 face. dug pits, 18 x 18 x
 12 ins. E. and W. of post.

2" Standard Parallel, South, through Range, 7 E.

Chairs.	and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
80.00	Set a post 4 ft. long, 4 ins. square with. marked Stone 1/2 ins. in the ground, for Standard Cor. to Secs.
	35 and 36, marked S. E. T. 10 S. R. 7 E. on N. S. 36 on E. and S. 35 on W. faces, with 1 notch on E. and 5 notches on W. faces. dug pits.
	10 x 10 x 12 ins. N. E. and W. of post, 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base

40.

2" Standard Parallel South. through Range, 76

Chains, around post,
 Sand rolling and broken,
 Soil 3" rate,
 We use brush the entire
 line.

At 12 o'clock M. take
 latitude and find it to be
 $32^{\circ} 31' N$.

Instrument in good
 adjustment.

Oct. 30th / 1883.

2" Standard Parallel South, through Range, 7.

Chains. East on South Boundary
Sec. 36.

Var. $13^{\circ} 19'$ East.

20.30 A trail frs. N. W. of S. E.

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. E. $\frac{1}{4}$ S. on N.

face, dug pits, $18 \times 18 \times$
12 ins. E. and W. of post
 $5\frac{1}{2}$ ft. dist. and raised a
mound of earth $1\frac{1}{3}$ ft. high
 $3\frac{1}{2}$ ft. base around post.

48.50 A Wash 15 lks wide,
drains N.

80.00 Set a post, 4 ft. long, 4 ins

2" Standard Parallel South, through Range, 7, E.

Chains square, with marked stone
 $\frac{1}{2}$ vis. in the ground, for
 Standard Cor. to Tps.
 11 S. R. 7 and 8 E. marked
 S. C. T. 11 S. on N.
 R. 8 E. S. 31 on E. and
 R. 7 E. S. 36 on W. faces,
 with 6 notches on N. E.
 and W. faces. dug pits.
 24 x 18 x 12 ins. crosswise
 on each line, N. E. and W.
 of post, 6 ft. dist. and raised
 a mound of earth $2\frac{1}{2}$ ft.
 high, 5 ft. base
 around post.
 Land broken and rolling.
 Soil 3" rate.
 Weuse brush the entire mile,

2^d Standard Parallel South, through Range. 8 & C.

Chain from the Standard Cor. to
 Sps. 10 S. R. 7th of 8 E.
 just established.

From
 East on South Boundary
 Sec. 31.

7a. $13^{\circ} 19'$ East.

33.00 A Wash. 12 lbs. wide, chains. N.

40.00 Set a post 3 ft. long, 3 ins.
 diam. with marked Stone
 12 ins. in the ground, for
 Standard $\frac{1}{4}$ Sec. Cor. marked
 S. C. $\frac{1}{4}$ on N. face, dug pits
 18 x 18 x 12 ins. E. and 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

2" Standard Parallel South, through Range, & E.

Chains. around post.
 80.00 Set a post 4 ft. long, 4 ins square, with marked stone 12 ins. in the ground for Standard Cor. to Secs. 31 and 32. marked S.C. T. 10 S. R. 8 E. on N. S. 32 on E. and S. 31 on W. faces, with 5 notches on E. and 1 notch on W. faces. dug pits 18 x 18 x 12 ins, N. E. and W. of post 5 1/2 ft. dist and raised a Mound of earth 2 ft. high, 4 1/2 ft. base around post.
 Land nearly level,
 Soil 3" pate.

2nd Standard Parallel, South, through Range, 8th E

Chains. Heavy brush ~~and~~ some trees
the entire mile.

East on South Boundary
Sec. 32,

34.20 Va. 13° 19' East,
Wash 20 lks. wide. Chains
N.

40.00 Set a post 3 ft. long, 3 ins
diam. with marked stone
12 ins. in the ground for
Standard 1/4 Sec. Cor. Marked
S. E. 1/4 S. on N. face,
dug pits, 18 x 18 x 12 ins.
E. and W of post 5 1/2 ft.
dist. and raised a mound

2" Standard Parallel South. through Range, S. E.

Chavis. of earth - $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$
 ft. base around post.
 80.10 Set a post 4 ft. long.
 4 ins. square, with marked
 stone 15 ins. in the ground
 for Standard Cor. to Secs
 32 and 33. marked -
 S. C. T. 10 S. R. & E. on N.
 S. 33 on E. and
 S. 32 on W. faces, with
 4 notches on E. and 2
 notches on W. faces.
 dug pits, 18 x 18 x 12 ins.
 N. E. and W. of post. $5\frac{1}{2}$
 ft. dist. and raised a
 mound of earth, 2 ft.
 high. $4\frac{1}{2}$ ft. base.

2" Standard Parallel South Through Range, 8.

Chains around post.
 Land level.
 Soil 3" rate.
 Weuse brush the entire mile.

East on South Boundary
 Sec. 33.

Pa. $13^{\circ} 19'$ East.

40.00 Set a post 3 ft. 3 ins. from
 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 x 18 x 12 ins.
 E. and W. of post $5\frac{1}{2}$ ft.
 dist, and raised a mound of

Standard Parallel, South, through Range, S. E.

- Chavis, earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. face around post.
- 43.00 Road of Silver Bell, trs. N. and S.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked Stone $\frac{1}{2}$ ins. in the ground for Standard Cor. to Secs. 33 and 34, marked S. C. T. 11 S. R. S. E. on N. S. 34 on E. and S. 33 on W. faces, with 3 notches on E. and W. faces dug pits, 18 x 18 x 12 ins. N. E. and W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high

2" Standard Parallel, South, through Range, 8, 0

Chains $4\frac{1}{2}$ ft. base around post.
 Land nearly level.
 Soil 3" rate.
 Dense brush and some trees
 the entire mile.

East on South Boundary
 Sec. 34.

7a. $13^{\circ} 19'$ East.

48.00 Set a post 3 ft. long, 3 ins.
 diam. 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^{sc} 18^{sc}
 12 ins. E. and W. of post

2" Standard Parallel South, through Range. 8. E

Lehavis. 5½ ft. dist. and raised a mound of earth - 1½ ft. high, 3½ ft. base around East.

80.11

Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground for Standard Cor. to Secs 34 and 35, marked S. C. T. 10 S. R. 8 E. on N. S. 35 on E. and S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces, dug pits, 18 x 18 x 12 ins. N. E. and W. of post, 5½ ft. dist. and raised a mound of earth - 2 ft. high, 4½

2" Standard Parallel South, through Range, &

Chains ft. base around Post.
 Land level.
 Soil 3" rate.
 Dense brush. Some trees
 the entire mile.

East South-Boundary
 Sec. 35.

41.11 Va. $13^{\circ}19'$ East.
 Set a post 3 ft. long, 3
 ins. diam. 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, $18 \times 18 \times$
 $\frac{1}{2}$ ins. E. and W. of post

2" Standard Parallel, South, through Range. S & E

Chairs, 5½ ft. dist. and raised
a mound of earth - 1½ ft.
high, 3½ ft. base,
around post.

51.00 A Wash 40 lbs. wide,
drains N. 10° E. and enters
Mountain

80.00 Set a post 4 ft. long, 4
ins. square, with Marked
Stone ½ ins. in the ground
for Standard Cor. to Secs.
35 and 36, Marked on
S. C. T. 10 S. R. S & E on N.
S. 36 on E. and
S. 35 on W. faces, with
2 notches on E. and 4
notches, on W. faces

2" Standard Parallel, South, through Range, S, C

Chains. dug pits, 18 x 18 x 12 ins,
N. E. and W. of post. 5 1/2
ft. dist. and raised a
Mound of earth, 2 ft.
high, 14 1/2 ft. base around
post.

Land 5-1. chains. level, and
29 chains. Mountainous.
Soil 3" rate,
Wense brush and some trees
the entire mile.

Standard Parallel South, through Range, T.C.

Chains.

East on South Boundary
Sec. 36.

7a. $13^{\circ} 19'$ East.

3. 20 Summit of Ridge, hrs
N. 20° W, pass descend,

39. 34 A Wash 20 lks. wide,
drains. N. 20° E, and
ascend.

40. 00 Set a post 3 ft. long, 3 in.
diam. with marked Stone
12 in. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.

Marked. S. C. $\frac{1}{4}$ S. on N. face
dug pits, $18 \times 18 \times 12$ in.
E. and W. of post, $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$

Standard Parallel South, through Range, S.E.

- Chains, ft. base around post.
 From which
 A Mesquite, 12 ins. diam.
 frs. N. 50° E. 87 lks.
 dist. marked S. C. $\frac{1}{4}$ S.
 B. T.
- A Mesquite, 9 ins. diam.
 frs. N. 80° W. 10 lks. Dist
 marked. S. C. $\frac{1}{4}$ S. B. T.
- 41.00 A Wash. 35 lks. wide.
 drains N.
- 45.75 A Wash. 30 lks. wide.
 drains N. 80° W.
- 80.00 Set a post, 4 ft. long, 4
 ins. square, with marked
 stone. 12 ins. in the ground
 fr. Standard Cor. to

Standard Parallel South. through, Range.

Mains.

Tps. 11 S. R. 8 and 9 E,
 Marked. S. C. T. 11 S. on N.
 R. 9 E. S. 31 on E. and
 R. 8 E. S. 36 on W. faces
 with 6 notches. on N. E.
 and W. faces. dug pits,
 24 x 18 x 12 ins. crosswise
 on each line. N. E. of W.
 of East. 6 ft. dist. and
 raised a mound of earth
 2½ ft. high. 5 ft. base
 around East.
 Land Mountainous.
 Soil 3" rate.
 Dense brush the entire
 mile.

No. 1468

BOOK 1468

57

Standard Parallel South, through Range, 9th Sec.

From the Standard Cor.
to Tps. 10 S. R's 8 and 9
E. just established

I run
East on South Boundary
Sec. 31.

To $13^{\circ}19'$ East.

Ascending.

40.00 Set a Volcanic Stone.

20 x 18 x 6 ins. 15 ins. in
the ground for Standard
 $\frac{1}{4}$ Sec. Cor. marked.

S. Q. $\frac{1}{4}$ on N. face.

dug pits, 18 x 18 x 12 ins.
E. and W. of Stone, $5\frac{1}{2}$
ft. dist. and raised a
mound. of earth $1\frac{1}{2}$ ft.

2" Standard Parallel South, through La.,

- Chairs, high, $3\frac{1}{2}$ ft. base along side
 53.80. A Wash. 20 lks. wide
 drains. North.
- 60.00 Summit of Ridge, trs.
 N. and S. and descend.
- 65.20 A Wash 10 lks. wide, drains
 North and ascend.
- 80.00 Set a Volcanic Stone,
 18 x 18 x 6 ins. 12 ins. in
 the ground for Standard
 Cor. to Secs. 31 and 32,
 Marked with 5 notches
 on E. and 1 notch on N.
 faces, dug pits, 18 x
 18 x 12 ins. N. E. and N
 of Stone $5\frac{1}{2}$ ft. dist. and
 raised a Mound of Stone

Standard Parallel South, Purgugh Range,

Trails alongside.

Land Mountainous.

Soil 3" rate.

Dense brush and some
trees the entire mile.

East on South Boundary,
Sec. 32.

Ya. $13^{\circ} 19'$ East.

Ascend.

4:70 Summit of Ridge, trs.
N. and S. and descend.

4:00 Set a post 3 ft. long, 3 ins.
diam. with marked stone
12 ins. in the ground for
Standard 44 Sec. Cor. Marked

Standard Parallel, South. through Range, 9 E.

Chauss. S. C. $\frac{1}{4}$ S. on N. face
 dug pits, 18 x 18 x 12 ins.
 E. and 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.
 67.30 7 Wash 50 lks. wide,
 Frauds. N. E.

70.00 Set a post 4 ft. long, 4
 ins. square, with marked
 stone, 12 ins. in the ground
 for Standard Cor. to Secs.
 32 and 33, marked —
 S. C. T. $\frac{1}{16}$ S. R. 9 E. on N.
 S. 33 on E. and
 S. 32 on W. faces, with
 4 notches on E. and 2

2" Standard Parallel South, through Range, 9. E.

Chains, notches on N. faces,
 dug pits, 18 x 18 x 12 ins,
 N. E. and W. of post, 5 1/2
 ft. dist. and raised a mound
 of earth 2 ft. high, 4 1/2
 ft. base around post.
 Sand Mountainous.
 Soil 3" rate,
 Dense brush the entire mile.

2.

Standard Parallel South, through Range, 96.

Chains. East on South Boundary
Sec. 33.

40.00 Va. $13^{\circ} 19'$ East
Set a post 3 ft. long, 3 ins.
diam. 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, $18 \times 18 \times$
12 ins. E. and 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
A Palo Verde 15 ins. diam
trs. N. 20° E. 50 lbs. Salt

2^d Standard Parallel South, through Range, 9^e E.

Chains.	Marked S. C. 1/4 S. B. T. No. other trees within limits
40.70	A Wash 75 lks. wide. Co. N. 21° E.
80.00	Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground for Standard Cor. to Secs.
	33 and 34, Marked — S. C. T. 1/4 S. R. 9 ^e E. on N.
	S. 34 on E. and
	S. 33 on W. faces, with 3 notches on E. and W.
	faces, and raised a mound of stone around post.
	Ditch impracticable.
	Soil 3" rate

2" Standard Parallel South, through Range, 9 E.

Chains. Weuse frush the entire
mile.

At 12. M. find latitude
to be $32^{\circ} 31' N.$ and
instrument in good
adjustment.

Oct. 31" / 883.

2nd Standard Parallel South, through Range, 9th E

Chains East. on South Boundary
Sec. 34.

Ya. $13^{\circ}19'$ East.
8.00 A Wash. 30 lks. wide.
Francis N. 30° E.

40.00 Set a post 3 ft. long, 3 ins.
diam. with Marked Stone,
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.
Marked S. E. $\frac{1}{4}$ S. on N.
Face, dug pits, $18 \times 18 \times$
12 ins. E. and 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 post 4 ft. long, 4

2^d Standard Parallel South, through Range, 90

Chains, vis. square with marked
Stone, 12 vis. in the
ground for Standard Cor.
to Secs. 34 and 35.

Marked —

S. C. T. N S. R. 9 E. on N.
S. 35 on E. and

S. 34 on W. faces, with
2 notches on E. and 4
notches on W. faces.

Dug pits 18 x 18 x 12 vis.
N. E. and W. of post.

5 1/2 ft. dist. and raised
a mound of earth 2 ft.
high, 4 1/2 ft. base
around post.

Land Mountainous

2" Standard Parallel South, through Range, 90

Chains. Soil 3" rate.
Use brush the
entire mile.

East on South Boundary
Sec. 35,

7a. $13^{\circ}19'$ East.

40.00 Set a post 3 ft. long, 3
ins. diam. which
marked Stone 12 ins. in
the ground for Standard
 $\frac{1}{4}$ Sec. Cor. Marked
S. E. $\frac{1}{4}$ S on N. face.
dug pits, 18 x 18 x 12 ins.
E and W. of post, $5\frac{1}{2}$ ft.

2" Standard Parallel South, through Range, 9 E.

Chains, 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
 $\frac{1}{2}$ ins. in the ground for
Standard Cor. to Secs.

35 and 36 marked -

S. C. T. 11 S. R. 9 E. on N.

S. 36 on E. and

S. 35 on W. faces, with
1 notch on E. and 5 notches
on W. faces, dug pits,

18 x 18 x 12 ins. N. E.

and W. of post, $5\frac{1}{2}$ ft.

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

2" Standard Parallel South, through Range, 9

Chains ft. base around base.
 Land Mountainous, rolling.
 Soil 3" rate.
 Dense brush the entire mile.

East on South Boundary
 Sec. 36.

40.00 Va. 13° 19' East
 set a post 3 ft. long, 3
 ins. diam. with marked
 stone, 12 ins. in the
 ground for Standard 1/4
 Sec. Cor. Marked
 S. C. 1/4 S. on N. face.
 dug pits 18 x 18 x 12 ins.

2" Standard Parallel South, through Range, 9 E.

Chairs, E. and 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.

80.10 Set a post 4 ft. long, 4 ins. square, with marked stone $1\frac{1}{2}$ ins. in the ground for Standard Cor. to TPs. 10 S, R 9 and 10 E.

Marked —

S. 2, T. 10 S. on N. R. 10 E.

S. 31 on E. and R. 9 E.

S. 36 on W. faces, with 6 notches on N. E. and W. faces, dug pits.

24 x 18 x 12 ins. crosswise on each line, N. E. and

2" Standard Parallel South, through Range, 9.

Chains. W. of post. 6 ft. dist.
and raised a mound of
earth $2\frac{1}{2}$ ft. high. 5 ft.
base around post.
Land level and rolling.
Soil 3" rate,
Wentse brush and some trees,
the entire mile.

72.
2nd Standard Parallel, South, through Range, 10 E

Chains From the Standard Cor. to
Tps. 10 S. R. 9th 10 E.
just established.

Run
East on South Boundary
Sec. 31.

7a. 13' 19" East.

40.00

Deposited a Marked Stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.

Dug pits, 18 x 18 x 12 ins.
E. and 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 over it.

In E. pit, drove a stake
2 ft. long. 2 ins. square,

2" Standard Parallel, South, through, Range, 104

- Chairs, 12 vis. in the ground,
 Marked. S. C. 14 S. on N.
 face.
- 69.13 Enter Santa Cruz River,
 flows. N. W.
- 79.00 Leave River.
- 80.00 Set a post 4 ft. long, 4
 vis. square, with marked
 stone 12 vis. in the ground
 for Standard Cor. to Secs.
 31 and 32, marked —
 S. C. 11 S. R. 10 E. on N.
 S. 32 on E. and
 S. 31 on W. face, with
 5 notches on E. and 1
 notch on W. face.
 dug pits, 18 x 18 x 12 vis.

2^d Standard Parallel, South, through Range, 10 E

Chains, N. E. and W. of post, $5\frac{1}{2}$
ft. dist. and raised a
mound of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base around post,

from which
A Willow, $\frac{7}{8}$ in. diam.
trs. N. 30° W. 48 lks.
dist. marked T, 10 S,
R, 10 E, S. 31 B, T,

No other tree within limits
Land level.

Soil 2" rate.

Wet brush and some
trees the entire mile.

Standard Parallel South, through Range, 10

Chains, East on South Boundary
Sec. 32,

40.10 7a. 13° 19' East.
Set a post 3 ft. long, 3 ins.
diam. with marked stone
12 ins. in the ground
for Standard $\frac{1}{4}$ Sec. Cor.
marked S. E. $\frac{1}{4}$ S. on N.
face, dug pits, 18 in 18 in
12 ins. E. and 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 post 4 ft. long,
4 ins. square, with
marked stone, 12 ins. in the

2" Standard Parallel South through Range, 10 E.

Chains, ground for Standard Cor. to
 Secs. 32 and 33, marked
 S. C. T. 10 S. R. 10 E. on N.
 S. 33 on E. and
 S. 32 on W. faces, with
 4 notches on E. and 2
 notches on W. faces.
 dug pits, 18 x 18 x 18 ins.
 N. E. and W. of post. 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft. high,
 4 1/2 ft. base around post,
 from which
 A Mesquite 6 ins. diam,
 trs. N. 10° E. 18 lks. dist
 Marked, T. 10 S. R. 10 E.
 S. 33 B. T.

2" Standard Parallel South through Range, 10, 0

Chains. No other trees within limits.
Land level.
Soil 2" gate.
Reuse track the entire line.

East on South Boundary
Sec. 33.

40. 10 Va. $13^{\circ}19'$ East.
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. E. $\frac{1}{4}$ S. on N.
face, dug pits, 18 x 18 x
12 ins. E. and N. of post

2" Standard Parallel, South, through Range, 11 E.

Chavis. 5½ ft. dist. and raised a mound of earth - 1½ ft. high. 3½ ft. base around Post.

St. 11 set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground for Standard Cor. to Secs. 33, and 34, marked - S. 34 on E. and S. 33 on W. faces, with 3 notches, on E. and W. faces. dug pits, 18 x 18 x 12 ins. N. E. and W. of post 5½ ft. dist. and raised a mound of earth, 2 ft.

9th Standard Parallel, South, through Range, 10th C

Chains high, $4\frac{1}{2}$ ft. base
around post.
Land level.
Soil 2" gate
Woods brush and some
trees the entire mile.

East on South Boundary,
Sec. 34.

Pa. $13^{\circ} 19'$ East.

40.00 Deposited a Marked Stone
12 ins. in the ground for
Standard $\frac{1}{4}$ Sec. Cor.

Dug pits, $18 \times 18 \times 12$ ins.
E. and W. of Stone, $5\frac{1}{2}$ ft.
dist. and raised a mound

2" Standard Parallel, South, through Range, 10 E.

Chains, of earth - $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base over it.

In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground marked S. E. $\frac{1}{4}$ S. on N. face.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground for Standard Cor. to Secs. 34 and 35, marked S. E. T. 10 S. R. 10 E. on N. S. 35 on E. and S. 34 on N. face, with 2 notches on E. and 4 notches on N. face.

2" Standard Parallel. South. through Range. 100

Chavis, dug pits, 18 x 18 x 12 ins.
N. E. and W. of Post. 5 1/2
ft. dist. and raised a
mound of earth, 2 1/2 ft.
high, 4 1/2 ft. base
around Post.

Land level.

Soil 2" rate.

Wense brush and some
trees the entire mile.

2nd Standard Parallel, South, through Range, 10, E.

Chains. East on South Boundary
Sec. 35,

40.00 Va. $13^{\circ}09'$ East,
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 x 18 x
12 ins. E. and 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
A Mesquite, 6 ins. diam.,
trs. N. 65° E. 50 lks.

2^d Standard Parallel South through Range, 100

Chains, dist. Marked, S. C. 1/4,
S. B. T.

80.00 No other trees within limits
Set a post 4 ft. long, 4
ins. square - with marked
stone, 12 ins. in the

ground for Standard
Cor. to Secs. 35 and 36
Marked -

S. C. T. 10 S. R. 10 E on N.
S. 36 on E. and

S. 35 on W. faces, with
1 notch on E. and 5
notches on W. faces,

dug pits, 18 x 18 x 12 ins.
N. E. and W. of post, 5 1/2
ft. dist. and raised a

2" Standard Parallel South, through Range, 10 E.

Chairs. mound of earth - 2 ft. high
4 1/2 ft. base around post
Land level.

Soil 2" rate.

Please brush the entire mile.

East on South Boundary
Sec. 36.

7a. 13' 19" East.

40.11 Set a post 3 ft. long. 3
ins. diam. with marked
flour 12 ins. in the ground
for Standard 1/4 sec. Cor.
marked S. C. 1/4 S. on N.
face. dug pits, 18 x 18 x

2^d Standard Parallel, South through Range, 10 E.

Chains 12 vis. E. and W. 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.

76. 31 S. P. R. R. brs. S. $35^{\circ}39'$ E.

78. 85 Road to Tucsoo, brs. S. E.

80. 00 Set a post 4 ft. long, 4 vis. square with marked stone 12 vis. in the ground for Standard Cor. to TPs 10 S. R. 10 and 11 E. marked -

S. C. T. 10 S. on N.

R. 11 E. S. 31 on E. and

R. 10 E. S. 36 on W. faces, with 6 notches on N.

2" Standard Parallel South, through Range, N. E.

Chains, E. and W. faces,
 Aug pits, 24 x 18 x 12 ins.
 cross rise on each line
 N. E. and W. of post, 6
 ft. dist. and raised a
 mound of earth - 2½ ft.
 high, 5 ft. base around
 post.
 Land level.
 Soil 2" rate.
 Weuse brush the entire
 line.

At 12 M. take latitude
 and find it to be, 32° 31'
 N. Instrument in good
 adjustment. Nov. 1st / 1883.

General Description.

This line runs across
the Santa Cruz Valley,
where the soil is good
for Cultivation, if
water could be had.

Thence across the
Silver Bell Mountain Range
across another large
Valley, and another Range
toward the 1st
Auxiliary Meridian
East.

The entire line and the
Country on both sides,
for many miles is
covered with a dense
growth of Palo Verde

88.

BOOK 1463

Greasewood and Mesquite
bush, which occasionally
attain the size of trees.
There is no running
water on the line -

For final Oaths see
Book, No. 18.

U. S. Surveyor General's Office,

Tucson, Arizona,

May 22^d 1885-

The foregoing Field Notes of the Survey of the

2nd Standard Parallel
 South through Rs
 5 to 10 E. ~~Meridian~~

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by R. B. Powers

Deputy Surveyor, under his contract of the 20-

day of July, 1885, having been

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

are hereby approved

Raymond Johnson
 Surveyor General.