

10. B
Field Notes

BOOK 1467

1467

OF THE SURVEY OF THE South
Gila and Salt
River Meridian and
Ranges No 16. and Rs No.
10 and 17 East.

Township.....Range.....

Gila and Salt River Base and Meridian

No. 1467 BOOK 1467
ARIZONA.

By J B McLaughlin

Under contract dated June 18 1883

Survey commenced Sep 5 1883

Survey completed Jan 15 1884

I carefully examined the adjustment
of my Solar Transit to-day particularly by the
Heliotrope and morning observations
and found them correct
Jan. 11th. 1884

Survey of the

Standard South between
the Gila and Salt River
Meridian
and
Range 5 E. and Rs 10 to 18
E. ast.

Surveyed by
J. B. McLaughlin
U. S. Dep. Surveyor

Survey commenced Sept. 5th 1883
Survey completed Jan. 10th 1884

2^d Standard South. through R. Page

R 1 E.	3-14
R 2 E.	14-20
R 3 E.	20-27
R 4 E.	28-38
R. 11 E	39-49
R 12 E	49-56
R 13 E	56-64
R 14 E	64-73
R 15 E.	73-80
R 16 E.	80-88
R 17 E.	88-99

No. 1467

BOOK 1467

Second Standard Parallel South through R
No 1 East.

Ret. Se. 10 and 11 S.

BOOK 1467

R. 1 E.	31 4 6	32 5 5	33 7 4	34 8 3	35 10 4	36 11 1
R. 2 E.	31 13 6	32 14 5	33 15 4	34 16 3	35 18 2	36 19 1
R. 3 E.	31 21 6	32 22 5	33 24 4	34 25 3	35 27 2	36 28 1
R. 4 E.	31 30 6	32 31 5	33 33 4	34 34 3	35 36 2	36 37 1
R. 11 E.	31 41 6	32 42 5	33 44 4	34 45 3	35 47 2	36 49 1
R. 12 E.	31 50 6	32 51 5	33 52 4	34 53 3	35 54 2	36 56 1
R. 13 E.	31 57 6	32 58 5	33 59 4	34 60 3	35 62 2	36 63 1
R. 14 E.	31 65 6	32 66 5	33 68 4	34 69 3	35 71 2	36 72 1
R. 15 E.	31 73 6	32 75 5	33 76 4	34 77 3	35 78 2	36 79 1
R. 16 E.	31 80 6	32 82 5	33 83 4	34 84 3	35 86 2	36 87 1
R. 17 E.	31 88 6	32 90 5	33 91 4	34 92 3	35 94 2	36 95 1

ished
ect.
le
with

No. 1467

BOOK 1467

Second Standard Parallel South through R
No 1 East.

On the night of the 4th of Sept.
1883 I took an observation
on the Star Polaris, in accord-
ance with instructions con-
tained in the Manual of
Survey, and drove pickets,
on the line established
Survey commenced September
5th 1883. with a Young & Saw
Patent Improved Solar
Transit nearly new.

Before commencing this
survey I test my Solar
Transit on the line established
last night and find it correct.
at noon I took the latitude
which I find to be $32^{\circ} 31'$ North

Second Standard Parallel South

chains

I began at the cor. to ^{Standard} Tp. 10 S.
R. 1 E. & R. 1 W. on the
Gila & Salt River Meridian
just established by me,
thence I run

East on S. Boundary Sec. 31
Ta $13^{\circ}20'E$.

over level ground

40.00 Set a volcanic rock 24 x 20 x 6
ins. 18 ins. in the ground for
Standard 1/4 sec. Cor. marked
S. C. 1/4 on N. face, dug pit
18 x 18 x 12 ins. E & W. of stone
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high
3 1/2 ft. base alongside.

80.00 Set a post 4 1/2 ft. long 4 ins. sq.
with marked stone 12 ins. in
the ground for Standard
Cor. to Secs. 31 & 32. marked

through Range No 1. East. continued

Chairs

S. C. T. 10 S. R. 1 E on N.

S. 32 on E. end

S. 31 on W. face, with 5 notches
on E. and 1 notch on W. face,
dug pits 18+18+12 ins. N. E. & W.
of post 5/8 ft. dist. and raised
a mound of earth 2 ft. high,
4 1/2 ft. base around post.

Land level

Soil 2^d rate

Buise Mesquite, & Catclaw brush.

East on S. Boundary Sec. 32

$\gamma_a = 13^{\circ} 26' E$

40.00 Set Volcanic rock 15+12+10 ins.
10 ins. in the ground, for stand
and 1/4 sec. Cor. marked S. C.
1/4 on N. face, and raised a

2^d St^d Parallel S. through

Chairs

mound of stone alongside.

Pits impracticable.

3000 Near edge of flat, Set Post
4 $\frac{1}{2}$ ft. long 4 ins. sq. with
marked stone 12 ins. in the
ground for Standard Cor. to
Secs. 32 + 33 marked

S.C. S. 10 S. R 1 E. on N.

S. 33 on E. and

S. 35 on W. face, with 4 notches
on E. and 2 notches on W. face,
dig pits 18 + 18 + 12 ins. h. E + W.

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

Land level

Soil 1st rate

Severe Mesquite & Cactus abundant.

R. 1 E. continued

Chains

East on S. Boundary Sec. 33.

T_a 13° 20' E!

ascending rocky ridge.

46.00 Near Summit ridge Set volcanic

rock 15 x 12 x 10 ins. 10 ins. in the
ground for Standard 1/4 Sec. cor.marked S. C. 1/4 on N. face, dug
pits 18 x 18 x 12 ins. E + W. of ~~stake~~5 1/2 ft. dist. and raised a mound
of stone around post.

77.00

Enter flat

80.00

Set a post 4 1/2 ft. long 4 ins. sq.
with marked stake 12 ins. in the
ground; for Standard cor. to Sec.

34 x 33. marked

S. C. T. 10 S. R. 1 E. on N.

S. 34 on E. and

S. 33 on W. faces, with ~~stake~~ ^{butcher}
on E. and 3 ^{butcher} ~~stake~~ on W. edges,
dug pits 18 x 18 x 12 ins. N. E + W.

2^d Sta^d Parallel South

Chain

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

A Magnet 6 in. dia. to N. 6° W. 1.30 lbs dist.
marked S. 10 S. R. 1 E. S 33 B. T.

Land level & mountains
Soil 1st & 3^d rate

Some Mesquite & Catalpa wood.

East on S. Boundary Sec. 34
Va 13° 20' E.

4000 Set a post 3 ft. long, circ. sq. with
marked stone 12 in. in the
ground, for S standard 1/4 sec.
Cor. marked S. C. 1/4 S. on N face,
dug pits 18 + 18 + 12 in. Et W. of
post. 5 1/2 ft. dist. and

through R, E. continued

charts

raised a mound of earth
1 1/2 ft. high 3 ft. base around
post

80.00 Set a post 4 1/2 ft. long 4 in. sq.
with marked stone 12 in. in the
ground, for Standard Cor. to
Secs. 34 + 35. marked

S. 10 S. R 1 E. on N.

S. 35 on E. and

S. 34 on W. face, with 2 notches
on E. and 4 notches on W. face,
dug pits 18 + 18 + 12 in. N. E + 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 Magnite 12 in. dia. on N. 20° E. 10 lks dist.
marked S. 10 S. R 1 E. S. 35 B. T.

Land level

2^d Standard Parallel S.

chain

Soil 1st rate
 dense Mesquite & Cedar brush

East on S. Boundary Sec. 35.
 Va 13° 20' E.

- 1.00 a Creek 20th wide drain W.
- 40.00 Set a Post 3 ft. long, 3 ins. sq. 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. Et 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.
- 65.00 leave flat. and ascend N. slope of High
 mound
- 80.00 Set a Post 4 1/2 ft. long 4 ins. sq.
 with marked stone 12 ins. in
 the ground, for Standard

through R + E. continued

chain

Cor. to Seco. 35 + 36. marked

S. 10 S. R. 1 E. on N.

S. 36 on E. and

S. 35 on W. face, ^{with 1 notch on E} dug pits
5 notches on W faces
18 + 18 + 12 in. N. E. + 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 + mountainous

Soil 1st + 3rd rate

Some Mesquite + Ceto claw bush.

10A

I carefully examined the adjustments
of my Solar Transit to-day particularly
the latitude and leveling apparatus
and found them correct. Sept. 5th 1853
see in the ground for Standard

2^d Sta. Parallel South

chains

1/4 sec. cor. marked S. C. 1/4 S.
on N. face and raised a
mound of stone along side
Pits impracticable.

58.50 Summit ridge to N.

80.00 Set a Post 4 1/2 ft. long 4 in. sq.
with marked stone mins. in the
ground for standard cor. to
Tpo 10 S. R. 1 + 2 E. marked
S. C. D. 10 S. on N.

R. 2 E. S. 31 on E. and

R. 1 E. S. 36 on W. face, with
6 notches on N. E. & W. face, dug
pits 24 x 18 x mins. crosswise
on each line N. E. & W. of post
4 ft. dist. and raised a mound
of earth 2 1/2 ft. high 5 ft. base
around post.

Land monuments

through R 1 E. continued

Drains

Soil 3^d rate

Beaver Catclaw & Ironwood trunks.

From the Station to the 100th Rd. 182 E.
recently, like the old I run

East on S. Boundary Sec. 31.

to 13° 20' E.
ascending over rocky mountain range

40.00 Set a Post 2 ft long 2 in sq.

with marked stone rim in the
ground for standard cor. Marked

S. C. 1/4 S. on N face, dug pits

18 x 18 x 12 in. E & 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.

56.00 Cross Mark 1.00 chise, drains N. 20° E.

80.00 Set a volcanic rock 15 x 10 x 10 in.

10 in. in the ground, for stand-

ard Cor. to Sec. 31 & 32. marked

S. C. with ⁵ & notches on N. Et W.
and 1 notch on N

2^d Stand. Parallel South

chain

edges, and raised a mound of stone alongside, Pto impracticable

Land extremely rough + mountainous

Soil 3^d rate

Catclaw, Peloude, + Ironwoodbrub.



East on S. Boundary Sec. 32

γ 13° 25' E.

ascending

40.00

Set a granite stone 12 x 12 x 8 ins.

8 ins. in the ground, for Stand-

ard 1/4 Sec. cor. marked S.C. 1/4

on N. face, and raised a

mound of stone alongside

Pto impracticable

80.00

Set a granite stone 18 x 16 x 9 ins.

12 ins. in the ground for Stand

ard cor. to Sec. 32 + 33.

through R. 2 E. continued

Chain

marked S. C. with 4 notches on
E & 2 notches on W. edge, and
raised a mound of stone
alongside, Pts impracticable

Lead mount across

Sw. 3^d rate

Catchaw, Paloverdes Ironwood

East on S. Boundary Sec. 33.

To $13^{\circ}20' E$

28.00 Summit of Mountain range
↓ descend

40.00 Set a Stone 20 x 15 x 10 ins. 15 ins.

in the ground for standard
1/4 sec. cor. marked S. C. 1/4 on

N face, and raised a mound
of stone alongside, Pts impracticable

44.00 Summit of ridge to S. W. then
along N. slope and descend

2^d Standard Parallel S.

chains

80.00 Set a post 4ft long 4 ins. sq.
with marked stone 12 ins. in
the ground for Standard
Cor. W Secs 33 & 34. marked
S. $\frac{1}{2}$ S. 10 S. R. 2 E. on N.

S. 34 on E. and

S. 33 on W. face, with
broches on E. & W. faces, and
raised a mound of stone
around post. *pts to impracticable*
Land mountainous

S. 34 20 ft

Catsclaw + Peloverde.

East on S. Boundary Sec. 34.

ascending

Va. $13^{\circ} 20' E$

40.00 Set a post 3ft. long 3 ins. sq.
with marked stone 12 ins. in

through R 2 E. continued

chain

the ground for Standard $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on N. face, and raised a mound of stone around post. Pts impracticable

46.00 Enter Wash drains S. W. thence along wash

71.50 leave Wash

80.00 Set a Post $4\frac{1}{2}$ ft. long 4 in. sq. with marked Stone N.W. in the ground for Standard Cor. to Secs. 34 + 35. marked

S. C. D. 10 S. R 2 E. on N.

S. 35. on E. end

S. 34 on W. face, with 2 notches on E. + 4 notches on W. face, and raised a mound of stone around post. Pts impracticable
Land revert to owner

2^d Stand. Parallel South

chain

Soil 3^d rate
 Catclaw & Paloverde

East on S. Boundary Sec 35.

Na 13° 20' E!

Descending.

35.90 a Nail to N. E. & S. W.

40.00 Set a post 2 ft. long 3 in. sq. with
 marked stone 12 in. in the ground
 for Standard 1/4 Sec. cor. marked
 S. C. 1/4 S. ^{on N. face} and raised a mound
 of stone around post.

57.55 a creek 400 wide drains N. E.

80.00 Set a Post 4 1/2 ft. long 4 in. sq.
 with marked stone 12 in. in
 the ground for Standard cor.
 to Secs. 35 & 36 marked
 S. C. T. 14 S. R 2 E. on N.
 S. 36 on E. and

through R 2 E: continued

Chains

S: 35 on W. face, with 1 notch
on E: and 5 notches on W. face,
and raised a mound of stone
around post pits (unpractical
Land unmountainous

Soil 3^d rate

Wegmite Ironwood & Cato claws

East on S: Boundary Sec. 36.

To $13^{\circ}20'E!$

Descending.

- 1.00 Dry creek 3.00 ch wide drain N.E.
30.00 Dry wash 50 lks wide drain N.E.
40.00 Post 3 ft. long circ. sq. with marked
stone 12 in. in the ground for stand
ard ^{1/4 Sec} cor. marked S. E. 1/4 S: on
N face, dug pits 18+18+12 in.
E & W. of post 5/8 ft. dist.

2^d Standard Parallel South

Chains

and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.

49.00 Wash 4 oaks with chains N. E.

80.00 Set a post 4 1/2 ft. long 4 ins. sq. with marked stone pins in the ground, for Standard cor. to Sp. 10 S. R. 2 + 3 E. marked S. C. T. 10 S. on N.

R 3 E. on E. and

R 2 E. on W. face, with 6 mounds on N. E. & W. face, dug pits 24 + 18 + 12 ins. across on each line N. E. & W. of post 6 ft. dist. and raised a mound of earth 2 1/2 ft. high 5 ft. base around post.

Land broken

Set 3^d set

through R 3 E. continued

Chasus

Newer Magnet + Catsclaw brook.

BOOK 1467

21A

I carefully examined the adjustments of my Solar Transit to-day particularly the latitude and leveling apparatus and found them correct Sept. 7th 1853

S. C. 1/4 S. on N. face, dug pits 18" x 18" x 12" in. E. & 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. 80.00 Set apart 4 1/2 ft. long 4 in. sq. with marked stone 12 in. in the ground for standard. Cor. to Sec. 31 & 32. marked N. 10 S. R. 3 E. on N. S. 32 on E. and S. 31 on W. face, with 5

2^d Stand. Parallel South

chains

notches on E + notch on W.
faces dug pits 18+18+12 ins.
N. E + W. of post 5 1/2 ft. dist.
and raised a mound of earth
1/2 ft. high 4 1/2 ft. base around post.
Land broken

Soil 3^d rate

Some Mesquite + Ironwood brush.

East on S. Boundary Sec. 32.

$\gamma_a 13^{\circ} 20' E$

40.00 Set a post 3 ft. long 3 in. sq. with
marked stake 12 in. in the ground
for Standard 1/4 sec. cor. marked
S. C. 1/4 S. on W. face dug pits
18+18+12 ins. E + W. of post 5 1/2
ft. dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft. base

through R 3 E. continued

Chains

around post.

44.00 a Wagon road to N. E + S. W.

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

with marked stone rim in the ground for Standard Cor.

to Secs. 32 + 33. marked S. C. T. 105. R. 3 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 pit 18 + 18 + 12 in. E + W. of post $5\frac{1}{2}$ ft. dia. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base around post.

Land rolling. & broken

Soil 3^d set

Some Magnolia & Peloverdet + Iron-wood brush.

2^d Stand. Parallel South

Chains

East on S. Boundary Sec. 33.

Va $13^{\circ} 20' E$

40.00 Set a Post 2 ft. long, 3 in. sq.
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 + 18 + 12
in. Ex W. of post. 5 $\frac{1}{2}$ ft. dist.
and raised a mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base around
post.

80.00 Set a post 4 $\frac{1}{2}$ ft. long 4 in. sq.
with marked stone 12 in. in the
ground for standard cor. to
Secs. 33 + 34 marked
S. C. T. 105. R. 3 E. on N.
S. 34 on E. and
S 33 on W. face, with 3
notches on Ex W. face, dug

through R. 3 E. continued

Chains

pits 18x18x12 in. E. & 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
 an Ironwood 12 in. dia. to S. 60° E. 30 lb. dist.
 marked T. 10 S. R. 3 E. S. 3 - B. 1.

Land slightly rolling.

Set 2^d gate

across Magnolia + Catclaw + Ironwood
 Brush.

East on S. Boundary Sec 34.

N 13° 20' E!

4000 Set a post 3 ft. long 8 in. dia. with
 marked stone 12 in. in the ground
 for Standard 1/4 Sec. cor. marked
 S. C. 1/4 S. on N. face dug pits
 18x18x12 in. E. & W. of post 5 1/2 ft.

2^d Stand. Parallel South

Chain

dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post from which
an Ironwood 12 in. dia. br N. 50° E 60th dist
marked S. C. $\frac{1}{4}$ S. B. T.

40.54 a Road Crs N. 60° W. S. 60° E.

80.00 Set a Post $4\frac{1}{2}$ ft. long 4 in. sq. with
marked stone 12 in. in the ground
for Standard Cor. to Secs. 34 & 35.
marked S. C. T. 10 S. R. 3 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 $18 \times 18 \times 12$ in. at W.
of post. $3\frac{1}{2}$ ft. dist. and raised
a mound of earth $4\frac{1}{2}$ ft. high $4\frac{1}{2}$ ft.
base around post from which
An Ironwood 15 in. dia. br N. 65° W. 128th dist
marked T. 10 S. R. 3 E. S. 34 B. T.

Through Range 3 E. continued

Chain

Land slightly rolling
 Soil 2^d rate
 Some Myrtle, Ironwood + Catclaw tree

East on S. Boundary Sec. 35.

T_a 13° 20' E'

40.00 Set a Post 2 ft. long, 3 in. sq. with
 marked stone 12 in. in the ground
 for Standard 1/4 sec. Cor. marked
 S.C. 1/4 S. on N. face, dig pits 18+18+12
 in. E. & 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.

80.00 Set a Post 4 1/2 ft. long 4 in. sq. with
 marked stone 12 in. in the ground
 for Standard Cor. to Sec. 35 + 36. marked
 S.C. P. 10 S. R. 3 E' on N.
 S. 36 on E' and

2^d Stand. Parallel South

Lains

S. 35 on W. face, with 1 notch
on E. and 5 notches on W.
faces, dug pits 18 + 18 + 12 ins.

N. E. + W. of pat 5 1/2 ft. dist.
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
around pat. from which

a Mesquite 22 in. dia. to South 25 lbs dist.
marked . S. 10 S. R 3 E. S. 142. B. T.

a Mesquite 8 in. dia. to N. 60° W. 28 lbs dist.
marked . T. 10 S. R 3 E. S. 35 B. T.

Land level

Soil 1st rate

Dense Mesquite + Ironwood brush

East on S. Boundary Sec. 36.

N 13° 20' E.

40.00 Set apart 2 ft. long 3 ins. sq. with

through R. 4 E: continued

Chain

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. & 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.

8000 Set a Post $4\frac{1}{2}$ ft. long 4 ins. sq. with marked stone 12 ins. in the ground for Standard Cor. to Sp. 10 S. No 3 & 4 E: marked S. C. P. 10 S. on N.

R 4 E: S: 31 on E: and

R 3 E: S: 36 on W. face, with 6 notches on N. E. & W. faces, dug pits $24 \times 18 \times 12$ ins. crosswise on each line N. E. & W. of post $6\frac{1}{2}$ ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft. base

2^d Stand. Parallel South

Chains

around post.
 Land level
 Soil 1st rate
 Some Magnote & Ironwoodbush.

From the ~~Standard~~ ¹⁸⁸ to ¹⁰ ~~the~~ ^{to} ~~the~~ ^{the} ~~first~~ ^{first} established ~~draw~~ ^{draw}
 No. 3 and 4 E. East on S. Boundary Sec. 31.

Va. 13° 20' E!

27.76 a Trail ^{1/2} N. E. & S. W.

40.00 Set a Post 3ft. long 3in. sq.
 with marked stone 12in. ^{1/2} ~~in~~ ⁱⁿ ~~the~~ ^{the} ground for Standard Co.
 marked S. C. 1/4 S. on N.
 if any dug pits 18x18x12
 in. Et 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.

80.00 Set a Post 4 1/2 ft. long 4in.

through R. 4 E. continued

chain

sq. with marked stone 12 in. in
the ground, for Cor. to Secs. 31+32.
marked S.C. P. 10 S. R. 4 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 + 12 in. N. E. + W.
of post. 5 1/2 ft. dist. and raised
a mound of earth 2 ft high
4 1/2 ft. bare around post.

Land level

Soil 1st rate

Dense Mesquite, Ironwood Green-
wood brush.

East on S. Boundary Sec. 32.

Ya. 13° 20' E.

40.00 Set a post 2 ft. long, 3 in. sq.

2^d Stand. Parallel South

Chains

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+18+12 ins. E. W. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. hgt $3\frac{1}{2}$ ft. base around post.

80.00 Set a post $4\frac{1}{2}$ ft. long, 4 in. sq. with marked stone 12 in. in the ground for Standard cor. to Sec. 32+33 marked S.C. T. 10 S. R. 4 E. on N. S. 33 on E. end S. 32 on W. face, with 4 notches on East and 2 notches on W. face, dug pits 18+18+12 ins. N. E. W. of post $5\frac{1}{2}$ ft. dist. and raised a mound

through R. 4 E. continued

chains

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

Land level

Soil 1st rate

Some Mesquite & Ironwood brush.

East on S. Boundary Sec. 33

$N 13^{\circ} 20' E$

40.00 Set a post 3 ft. long, 3 in. sq. with
marked stone N.W. 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 in. Et W. of post 5 ft.
dist. and raised a mound
of earth 1 ft. high 3 ft. base
around post.

80.00 Set a post 4 ft. long 4 in. sq.
with marked stone N.W. in

2^d. Stand. Parallel South

chain

the ground, for Standard
 cor. to S. cor. 33 & 34, marked
 P.C. No S.R. 4 E. on N.

S. 34 on E. and

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

Land level

Soil 1st rate

Dense Mesquite & Ironwood brush.

East on S. Boundary Sec. 34
 Va. $13^{\circ}20'E$

4000. Set spot 5 ft. long, 3 in. sq.
 with marked stone 12 in. in

through R. 4 E. continued

chain

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 & W. of post $3\frac{1}{2}$ 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 $4\frac{1}{2}$ ft long 4 ins. sq. with marked stone pin in the ground for Standard Cor. to Sec. 34 & 35. marked S. C. S. 10 S. R. 4 E. on N.

S. 35 on E. and

S 34 on W. face, with 2 notches on E. and 4 notches on W. face, dug pits $18 \times 18 \times 12$ ins. E & W. of post $3\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft. base around post

Second Stand. Parallel South

Chain

land level

Soil 2^d rate

Cause Muesquit & Ironwood brush.

East on S. Boundary Sec. 35.

Ta $13^{\circ} 20' E$

40.00 Set a post $3\frac{1}{2}$ ft. long 3 ins sq. 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. Et 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. less
ground post.

80.00 Set a post $4\frac{1}{2}$ ft. long 4 ins.
sq. with marked stone 12 ins.
in the ground for Standard
Cor. to Secs. 35 & 36.

through R 4 E: continued

Chains

marked S. C. T. 10 S. R 4 E. on N.
S. 36 on E. and
S. 35 on W. ^{edges} with 1 notch
on E. and 5 notches on W. face,
dug pits 18x18x12 ins. N. E. W.
of post. 5/8 ft. dist. and raised
a mound of earth 2 ft high,
4/8 ft. base, around post.
Land level
Soil 2^d rot
Some Mesquite & Ironwood trees.

East on S. Boundary Sec. 36.
Va. $13^{\circ}20' E$.

Enter Mountain range
4000 Set a post 2 ft. long 3 ins. sq.
with marked stone rim. in
the ground for Standard

2^d. St. Parallel S. through R 4 E.

Chain

1/4 sec. cor. marked S. C. 1/4 S.
on N. face, and raised a
mound of stone around post
fit imprecise.

80.00 Set a post 4 1/2 ft. long 4 ins.
sq. with marked stone 12 ins.
in the ground, for standard
cor. to Tps 10 S. Rs 4 + 5 E. marked
S. C. S. 10 S. on N.

R. 5 E. S. 31 on E. end
R 4 E. S. 36 on W. face, with
6 notches on N. Et W. face,
dug pit 24 x 18 x 12 in. N. Et W.
of post, crosswise on each leg,
6 ft. dist. and raised a
mound of earth & stone around
post.

Land Mountainous

Soil 3rd rate

Mesquite & Catclaw brush.

488

I carefully examined the adjustments
of my solar transit to-day particularly
the latitude and meridian apparatus
and found them correct
Sept. 8th 1883.

2^d St^d Parallel S. through R 11 E.

Claims

I now proceed to Cor. of T10 S.
R. 11 & 12 E. after careful search
I am unable to find any trace
whatever of the same; it
having been established many
years ago, was in doubt dest-
royed by floods, ^{as were also all the corners in Range 11 E.} & therefore
proceed to Cor. to Sp. 10 S.
R 10 & 11 E. just recently est-
ablished by R. C. Powers. U. S.
Dep. Surveyor, and which is a
post. 4 in. sq. set firmly in
the ground marked
S. E. S. 10 S. on N.

R 11 E. S. 31 on E. and
R. 10 E. S. 36 on W. face, with
6 notches on N. E. & W. face, with
pits 24 & 18 & 12 in. acrosswise on
Each line of post. and a mound

2^d Stand. Parallel South

chains

of earth 2 1/2 ft. high and 6 ft. base around post. then run on a random line across the Santa Catalina Mountain Range, to the cor. of Tps 10 S. R. 17 + 18 E. established several years ago by Deputy Theo. J. White, and which is a Meridian Post set firmly in the ground, and established as per instructions of the old Manual, and in good order this Cor. I intersect so nearly at the exact point that it might well be called a due East line, the difference being so small that it would not affect the bearing, it being 2 chains South and 66 chains.

through R 11 E. continued

Chains

East of exact cor point.
I now return to the ^{Stand.} cor. of
Tp. 10 S. R. 10 & 11 E. and
run East on a true line on
South Boundary of Sec. 31.
reestablishing all the corners in this Township
Ta $13^{\circ} 22' E.$

as per observation on Polaris.

40.00 ^{including 2 by 4's} Set a Post 2 ft. long. 3 in. sq. with
marked stone 12 in. in the ground
for Standard $\frac{1}{4}$ sec. cor. marked
S. C. $\frac{1}{4}$ S. in 9 feet dug pit
18 x 18 x 12 in. Ex 77. 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 Magnet 12 in. $2\frac{1}{2}$ in
Ta $10^{\circ} E.$ 1.85 lb dist. marked S. C. $\frac{1}{4}$ S. B. T.

80.00 Set a post $4\frac{1}{2}$ ft. long 4 in. sq.
with marked stone 12 in. in the
ground, for Standard Cor. to Secs
31 & 32. marked

2^d St. Parallel South

Chain

S. C. T. 10 S. R. 11 E. on N.

S. 32 on E. and

S. 31 on W. faces, with 5 notches
on E. & 1 notch on W. faces, dug
pits 18x18x12 ins. E. & 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 in Ironwood.
12 sup. dir. to N. 50° E. 129 marked ^{13 5/8} 11 E. S. 32 B. T.

Land level ascending East

Soil 2^d rate

Dense Mesquite & Ironwood.

East on South Boundary Sec. 32

Va 13° 22' E.

- 12.00 Old Wagon Road to N. E. & S. W.
30.50 old Wagon Road to S. Florence ^{to} N. E. & S. W.
40.00 Set a post aft. long stn. eq. with
marked stn 12 ins. in the ground

through R 11 E. continued

chains

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. Et 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
 An Ironwood 10 in. dia. to N. & W. 70 lbs dist.
 marked S. C. $\frac{1}{4}$ S. B. T.

8000

Set a post $4\frac{1}{2}$ ft. long 4 in. sq. with
 marked stone 12 in. in the ground
 for Standard Cor. to Sec. 32 + 33.
 marked S. C. T. 10 S. R 11 E. on N.
 S. 33 on E. and
 S. 32 on W. face, with 2 notches
 on E. and 4 notches on W. face,
 dug pits $18 \times 18 \times 12$ in. N. Et 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

2^d. Stand. Parallel South

Chains

An Ironwood 10 in. dia. br N. 88° E. 55 lbs dist.
marked P. 10 S. R. 11 E. S. 33 B. P.

Land nearly level

Soil 2^d rate

Some Mesquite & Ironwood brush

East on S. Boundary Sec. 33.

N. 13° 22' E.

39.40 Road to Owl's Head br N. 60° E. & S 60° W.

40.00 Set a post 3 ft. long 3 in. sq. with
marked stone 12 in 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 in. E. & W.
of post 5/8 ft. dist. and raised a
mound of earth 1 1/2 ft. high 3/4 ft.
base around post. from which
a Poleward 15 in. dia. br N. 15° W. 105 lbs dist.
marked S. C. 1/4 S. B. S.

through R 11 E. continued

chain

80.00 Set a post $4\frac{1}{2}$ ft. long 4 in. sq. with
marked stone 12 in. in the ground
for Standard Cor. to Secs. 33 & 34.
marked S. C. T. 10 S. R 11 E. on N.
S. 34 on E. and ~~marked~~
S. 33 on W. face, dug pits $18 \times 18 \times 12$
ins. $8\frac{1}{2}$ W. of post. $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
 $2\frac{1}{2}$ ft. high $4\frac{1}{2}$ ft. base around post.
from which Paloverde 12 in. dia. to N. 10 E. $10\frac{1}{4}$ ft. dist.
marked S. C. T. 10 S. R. 11 E. S. 34 B. T.
land ascending slightly east
Soil 2^d rate
Dense Mesquite, Paloverde, ^L Ironwood brush.

East. on S. Boundary Sec. 34.

N $13^{\circ} 22' E$.

33.80 a Wash 20 lbs wide drain S. W.

2^d Stand. Parallel South

chain

40.00

Set a post 3 ft. long, 3 in. sq. 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+18+12 in. E. & W. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post. from which a Magnetite 8 in. dia. br. 2. 45 W. bolts shot.

55.35

80.00

marked S. C. $\frac{1}{4}$ S. D. T. old Wagon Road by N. & S.
Set a post 4 $\frac{1}{2}$ ft. long 4 in. square, with marked stone 12 in. in the ground for Standard Cor. to Secs. 34 & 35, marked S. C. T. 10 S. R. 11 E. SW N.
S. 35 on E. and
S 34 on W. face, with 2 notches on E. and 4 notches on W. face, dug pits 18+18+12 in. N. E. & W. of post. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft.

through R 11 E! continued

chain

base around post from which
a Mesquite 12 in. dia. to N 15° W. 96 lbs dist.
marked T. 10 S. R 11 E. S. 34 B. T.

Land level

Soil 2^d rate

near Mesquite & Ironwood bush.

East on S. Boundary Sec. 35.

N 13° 22' E!

9.75 Road to Owl's head to N. E. S. W.
40.00 Set a post 2 ft. long 2 in. sq with
marked stake 12 in. in the ground
for Standard 1/4 Sec. Cor. marked
S. C. 1/4 S. on N. face dug pits 18+18+12
in. E & W. of post 5/8 ft. dist.
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base around post
from which

2^d 1/4^d Parallel South

Chain

a Magnite pier. dia. to N. 75° W. 28 lks dist.
marked S.C. 1/4 S. B. T.

70.80 a Wash 8 cks wide to S. W.

80.00 Set a post 4 1/2 ft long 4 in. sq. with
marked stone pier. in the ground for
Standard Cor. to Secs. 35 & 36 marked
S.C. T. 10 S. R. 11 E. or W.

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 in. ^{N.} E. 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 Paloverde 8 in. dia. to N. 60° W. 80 lks dist
marked T. 10 S. R. 11 E. S. 35 B. T.

Land rolling

Soil 3^d rate

^{Base}

1 Mesquite, Ironwood & Greenwoodbush.

Sept. 188

through R. 11 E. continued

chain

East. on S. Boundary Sec. 36

" " " " Va 13° 22' E.

40.00

Ascending
Set a post 3 ft. long 2 in. sq. with
marked stone 12 in. in the ground
for Standard 1/4 Sec. cor. marked
S. C. 1/4 S. on N. dug pits 18+18+12
in. E. & W. of post 5 ft. dist. and
raised a mound of earth 1 ft. high
3 1/2 ft. base around post.

76.80

& Wash drain S. W. 30 lbs wide

80.00

Set a post 4 1/2 ft. long 4 in. sq. with
marked stone 12 in. in the ground
for Standard Cor. to Tps 10 S.

R. 11 + 12 E. marked

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

R. 12 E. S. 31 on E. and

R. 11 E. S. 36 on W. face, dug
pits 18+18+12 in. crosswise on each
line N. E. & W. of post 6 ft. dist

2^d Stand. Parallel South

chain

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

Land rolling

Soil 3^d rate

Dense Mesquite & Palo verde brush.

From the Stand. Cor. to Sta. 10
S. Sec. 11 & 12 E. Just established & run

East on S. Boundary Sec. 31

N^o 13^o 22' E'

over rocky ground ascending 200 ft.

35.34
40.00

Set a Granite stone 20 x 15 x 8 in. 15
in. in the ground for Standard,

1/4 Sec. Cor. marked S. C. 1/4 on N.

face, and raised a mound of
stone alongside, Pto impracticable

63.00

Foot of Tortilla Mts. ascend steeply

75.34
80.00

Set a Granite stone in place 2 x 3 x 3 ft
above ground, which I mark for
cor. to Secs. 31 & 32. with a cross (x)
at exact cor. point, and 5 notches.

No. 1467

through R 12 E: continued

Chains

East end, notch NW of cross. this
 is near summit of ridge on S. slope
 and build a summit of
 rocks alongside.

Land mountainous

Soil 3^d rate & rocky

Mesquite & Ironwood brush.



East on S. Boundary Sec: 32

T. 13° 22' E.

10.00 Descending

15.00 a gulch 100 yds wide drain N. W. &
ascend

40.00 Set a Granite stone 18+17+10 ins. 12 in.
 in the ground for Standard 1/4 sec.
 Cor. marked S. C. 1/4 on N face,
 and raised a mound of stone
 alongside, Pt. impracticable

2^d Stand. Parallel South

chains

72.57 Summit of Ridge to S. W. and descend

80.00 a granite rock in place 3 + 2 + 1 ft above ground, which I marked for cor.

to Sec. 32 + 33. with a cross (+) at exact cor. point, and 4 notches on E + 2 notches on W. faces, and raised a monument of stone alongside. Pit impracticable
Land unmountainous

Soil 3^d rate

Magnote + Paloverde Bush.

East on S. Boundary Sec. 33.

To 13° 22' 8".

4.00 a gulch 20 lbs wide to S. W. and descend

29.92 Summit of Ridge to S. W. + descend

40.00 Set a Granite stone 15 x 10 x 8 in.

10 in. in the ground for Standard

through R 12 E: continued

Chains

$\frac{1}{4}$ sec. Cor. marked S. C. $\frac{1}{4}$ on N. face,
and raised a mound of stone
alongside, Pts impracticable

79.50

A Wash 120 lbs wide drains S. W.
and second steep mountain

80.00

Set a Granite 15 x 10 x 10 ins. 10 ins. in
the ground for Standard Cor. to Sec.

33 x 34 marked S. C. ^{on N.} with matches
on E & W. faces, and raised a
mound of stone alongside,
Pts impracticable.

Land mountainous

Soil 3d rate

Magnolia & Paloverde brush.

Sept 15. 1888

East on S. Boundary Sec. 34

$\gamma = 13^{\circ} 22' 8''$

40.00

Set a Granite stone 14 x 12 x 10 ins.
10 ins. in the ground, for standard

2^d Standard Parallel S.

Chain

1/4 sec. cor. marked S. C. 1/4 on N. face, and raised a round of stone alongside Pits impracticable

80.00 Set a granite stone 18 x 12 x 10 in. 12 in. in the ground for Standard Cor. W Secs. 34 & 35 marked S. C. on N. with 2 notches on E & 4 notches on W. faces, and raised a round of stone alongside Pits impracticable
hard mountain

Soil 3^d rate

Some Mesquite & Paloverde brush.

East on S. Boundary Sec. 35.

N^o 13° 22' E.

24.00 Summit of High rocky Mountain
to S.W.

through R 12 E: continued

Chain

thence across Rocks.

35.00. leave Rocks & descend

40.00 Set a Granite stone $14 \times 10 \times 8$ in.

10 in. in the ground for Standard,

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

face, and raised a mound of stone along side, Pt. impracticable

80.00 Set a Granite stone $20 \times 14 \times 6$ in.

15 in. in the ground for Standard

cor. to Sec. 35×36 . marked S.C.

on N. with 1 notch on E & 5 notches

on W. faces, and raised a

mound of stone along side

Pt. impracticable

Land unimproved

Per 3^d rate

Some Mesquite & Palo verde brush.

2^d Stand. Parallel South

Chains

East on S. Boundary Sec. 36.

Va 13° 22' E.

40.00

on East of Neck 45th wide draining

S. W. I mark a Mesquite tree 18

ins. dia. for Standard 1/4 sec. cor.

marked S. C. 1/4 S. on N. face, and

raised a mound of earth around

tree pits impracticable.

^{a spring about 400 yds South}

Ascending over rocky Mountain.

80.00

Set a Granite stone 17 x 12 x 10 ins.

12 ins. in the ground for stand-

ard cor. to Spr 10 S. Rs 12 x 13 E.

marked S. C. with 6 notches on

N. E. & W. faces, and raised

a mound of stone along side

Pits impracticable

Land monuments

56

Carefully examined measurement

my Solar Transit to-day particularly
the Latitude and rising apparatus
and found them correct

Jan. 9 / 1884

through R. 13 E! continued

chain From the stand. cor. to Sta. 100.
 R. 12 5 13 E. Just set the timber I run
 East on S. Boundary Sec. 31.

Range 13 E!

$N. 13^{\circ} 22' E!$

Ascending

4000 Set a granite stone $14 \times 18 \times 11$ in. 10
 in in the ground for Standard $\frac{1}{4}$
 Sec. Cor. marked S.C. $\frac{1}{4}$ on N. face,
 and raised a mound of stone
 alongside, Pto impracticable

66.00 Summit of high Mountain ridge to the N.
 & descend

8000 Set a granite stone $20 \times 15 \times 10$ in. 15 in.
 in the ground for Standard cor.
 to Secs. 31 & 32 marked S.C. on N.
 with 5 notches on E. and 1 notch
 on N. face, and raised a mound
 of stone alongside, Pto impracticable
 Land mountainous
 Soil 3^d rate & rocky.

29 Standard Parallel South

Chasms

Some Mesquite + Palo verde brush
Good Grazing.

East on S. Boundary Sec. 32

To $13^{\circ}22'E$

6.00 Summit of Ridge ^{to} S. E. & descent

39.50 ~~Cross~~ Wash 200 ft wide to N. E.

40.00 Set a stone $20 \times 18 \times 10$ ins. 15 ins. in the ground for Standard $\frac{1}{4}$ sec. cor. marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pto impracticable.

8000 Near summit of Ridge to N. W. & S. E.

Set a post $4\frac{1}{2}$ ft. long 4 ins. sq. with marked stone 10 ins. in the ground for Standard cor. to Sec. 32 & 33. marked S. C. T. 10 S. R. 13 E. on N. S. 33 on E. and

through R 13 E. continued

chain

S: 32 on W. face, with 4 notches on E. and 2 notches on W. face, dug pits 18x18x12 ins. N. E. of post. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base around post.

- 3 ^{scarcely} Some Oak, Mesquite & Cato claw wood
- 1 Land mount silicon
- 2 Soil 3^d rate.

East on S. Boundary Sec. 33

$\text{N} 13^{\circ} 22' 8''$

6000 Set a post 2 ft. long, 3 in. sq. with marked stone 12 in. in the ground for Standard 1/4 sec. Cor. marked S. C. 1/4 S. on W. face, dug pits 18x18x12 ins. E. W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high

2^d Stand. Parallel S. through R. 13 E. cont.

Chain

80.00

3 1/2 fms. base around post.
 Set a post 4 1/2 fms. long 4 in. sq.
 with marked stone 12 in. in the
 ground, for Standard Cor. to Sec.
 33 & 34. marked
 S. C. T. 10 S. R. 13 E. on N.
 S. 34 on E. and
 S. 33 on W. faces with 3 cuts
 on E & W. faces, dug pits 18" x 18" x 12
 in. E. & W. of post. 5 1/2 fms. dist.
 and raised a mound of earth
 2 fms. high 4 1/2 fms. base around post.
 Land Mountairism
 Soil 3^d sat
 Mesquite & Catclawbush

East on S. Boundary Sec. 34
 N. 13° 22' E.
 Descending more gradually.

4 Stand. Parallel S. through R. B E. cont.

Chain

- 40.00 Set a Meagmit Post 3 ft. long, 3 in. sq. with marked stone 12 in. in the ground, for Standard $1/4$ sec. cor. marked S. C. $1/4$ S. on N. face, dug pits 18+18+12 in. E. W. of post $5/8$ ft. dist. and raised a mound of earth $1/2$ ft. high $3/2$ ft. base around post.
- 80.00 Set a Post 4 $1/2$ ft. long 4 in. sq. with marked stone 12 in. in the ground, for Standard cor. to Secs. 34+35. marked S. C. T. 10 S. R. B E. on N. S. 35 on E. and S. 34 on W. face, with 2 notches on E and 4 notches on W. face, dug pits 18+18+12 in. ^{N.} E. W. of post $5/8$ ft. dist. and raised a mound of earth 2 ft. high 4 $1/2$ ft. base around post.
- Land unmountainous.

2^d Stand. Parallel South

chain

Soil 3^d rate

Some Mesquite & Catclaw brush

East on S. Boundary Sec. 35.

N 13° 22' E

descending more gradually

40.00 Set a post 2 1/2 ft. long 2 in. sq.

with marked stone 12 in. in the
ground for Standard 1/4 sec. Cor.

marked S. C. 1/4 S. on N face

dug pits 18+18+12 in. E & 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.

80.00 Set a post 4 1/2 ft. long 4 in. sq.

with marked stone 12 in. in the

ground for Standard cor. to

Sec. 35 & 36 marked

S. C. T. 10 S. R. 13 E. on N.

through R 13 East. continued

Chain

S. 36 on E. end

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

Land unmountainous

Soil 3^d rate

Some Mesquite & Catclaw bawl.

Good grass

East on S. Boundary Sec. 36.

No. 13° 22' E!

descending

40.00 Set a post 3 sp. long, 3 in. sq. with
marked stone 12 in. in the ground
for Standard 1/4 Sec. Cor. marked
S. C 1/4 S. on W. face, dug pits

2^d Stand. Parallel South

Chain

18 x 18 x 12 ins. E & 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.

80.00 Set a post 4 1/2 ft. long 4 ins. sq.
with marked stone 12 ins. in
the ground for Standard Cor.
to ^{10 S. R.} Sp. 13 & 14 E. marked
S. C. P. 10 S. on N.

R 14 E. S. 31 on E and

R 13 E. S 36 on W. faces, with
6 notches on N. E & W. faces, dug
pits ^{2 1/2 ft.} 18 x 12 ins. crosswise on each
line N. E & W. of post 6 ft. dist.
and raised a mound of earth
2 1/2 ft. high 5 ft. base around post.
Land rolling
Soil 2 d. 1

prob.
on

through R 14 E. continued

chain From the Standard cor. to $7\frac{1}{2}$ sec. 10 S. R. 14 E. just cut at the old
 East on S. Boundary Sec. 31
 R 14 E.

Var. $13^{\circ}22'E$

40.00 Set a post $3\frac{1}{2}$ ft long 3 in. sq. 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" x 18" x
 12 in. E. W. of post $5\frac{1}{2}$ ft dist. and
 raised a mound of earth $1\frac{1}{2}$ ft.

high $3\frac{1}{2}$ ft. base around post from
 76.60 Wagon Road to San Pedro River, N. E. S. $76^{\circ}58'1.30$ the dist. marked S. C. $\frac{1}{4}$ S. R. 14 E.

78.28 Proposed R. R. line to Dixon

80.00 Set a Post $4\frac{1}{2}$ ft long 4 in. sq. with
 marked stone 12 in. in the ground
 for Standard $\frac{1}{4}$ sec. cor. marked
 S. C. T. 10 S. R 14 E. on N.

S. 32 on E. and

S. 31 on W. face, with 5 notches
 on E. and 1 notch on W. face,

2^d Stand. Parallel S'

Chains

dug pits 18+18+12 ins. N. E & W.
of post 5/8 ft. dist. and raised
a mound of earth 2 ft. high
4/8 ft. base around post.

Land rolling.

Soil 2^d rate

Some dense Myrsine + Catclawbush.
Good grass

East on S. Boundary Sec. 32

7a 13' 22' E.

3.20 a Weel 20 lbs wide drains South

7.20 " " 25 " " " "

12.00 " " 28 " " " "

28.40 Old Wagon Road to N.S.

40.00 Set a post 2 ft. long 3 ins. sq. with
marked stone 12 ins. in the ground
for Standard 1/4 sec. cor. marked
S. E. 1/4 S. on N. face dug.

through R 14 E. continued

chains

pits 18x18x12 in. E & 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.
from which a Mesquite rim. dia. to N. 25° E.

1.42 lbs. dist. marked S. C. 1/4 S. B. S.

75.00 Summit of Ridge to N + S.

80.00 Set a post 4 1/2 ft. long 4 in. sq. with
marked stone rim. in the ground
for Standard cor. to Sec. 32 + 33. marked
S. C. T. 10 S. R. 14 E. on N.

S. 33 on E. and

S. 32 on W. face, with 4
notches on E. and 2 notches
on W. face, and raised a
mound of stone around post
pit unperceivable.

Land rolling

soil 3^d set

Some dense Mesquite & Catclaw tree
good grass

2^d Stand. Parallel South

chain

- East on S. Boundary Sec. 33. ✓
 5.00 a Road to N & S. $N 13^{\circ} 22' E.$
- 30.50 c Wash^{30 lbs wide} drains South
- 40.00 Set a post 3 ft. long 3 in. sq. 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 + 18 + 12 in. E + W. of post.
 5 ft. dist. and raised a
 mound of earth 1 1/2 ft. high
 3 1/2 ft. base around post, from which
Wash pit 6 in. dia on N 30° E 45. marked S. C. $\frac{1}{4}$ S. P. T.
- 80.00 Set a post 4 1/2 ft. long 4 in. sq.
 with marked stone 12 in. in the
 ground, for Standard Cor. to Sec.
 33 + 34. marked
 S. C. P. 10 S. R 14 E. on N.
 S. 34 on E. end
 S. 33 on W. face, with 3 notches
 on E and W. faces, dug pits

through R 14 E. continued

chain

18x18x12 ins. E & 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 rolling.

Soil 2d rate

^{Scuse} Mesquite & Catclaw tree.

Good grass.

East on S. Boundary Sec. 34.

Ta. 13° 22' E

5.00 a Wagon Road to Cañon del Oro

40.00 Set a post 3 ft. long 3 in. sq. with
marked stone rim in the ground, for
Standard 1/4 sec. cor. marked S. C. 1/4 S.
on N. face, dug pits 18x18x12 ins. E & W.
of post 5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft. high

2^d Stand. Parallel South

Chain

3 1/2 ft. base around post.

80.00

Set a post 4 1/2 ft. long, 4 in. sq.,
with marked stone 12 in. in
the ground for Standard Cor.
to Secs. 34 + 35. marked

S. C. N. 10 S. R. 14 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 + 18 + 12
in. N. E. + 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 mag. 10 in. dia. on N. 25° E. 105 lbs dist.

marked N. 10 S. R. 14 E. S. 35. B. P.

Land rolling.

Swd 2^d rateDense Mesquite + Catalpa brush
Good Grass.

through R 14 E. continued

chains

East on S. Boundary Sec. 35.

Va $13^{\circ} 22' E$!

- 6.00 a Wagon Road to N. W & S. E.
- 30.15 a " " to Ranch N. E.
- 34.00 Cañon del Oro Wash drains South 1.50 thomide
- 40.00 Set a post 4' long 2 in. sq. 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 & 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.
- 42.00 Commence ascend of Santa Cataline Mountains.
- 80.00 Set a Post $4\frac{1}{2}$ ft. long 4 in. sq. with marked stone 12 in. in the ground for Standard cor. to Sec. 35 & 36. marked S. C. S. 105. R 14 E. on N.

2^d Stand. Parallel South

chains

S. 36 on E. and

S. 35 on W. face, with 1 notch on E. and 5 notches on W. face, dug pits 18x18x12 ins. N. E. & 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 mountains

Soil 3^d rate

Some Mesquite & Catclaw brush. Good grass.

188

East on S. Boundary Sec. 36.

N 13° 22' E:

ascend over high Rocks

40.00

Set a Granite stone 15x12x10 ins.

10 ins. in the ground, for Standard

1/4 sec. cor. marked S. C 1/4 on N.

face, and raised a mound of

through R 14 E. continued

Chains

stone alongside, Pts impracticable
80.00 Set & Post. $4\frac{1}{2}$ ft. long 4 ins sq. with
marked Stone 12 ins. in the ground for
Standard $\frac{1}{2}$ Cor. to Sp. 10 S. R 14 x
15 E. marked

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

R. 15 E. S. 31 on E. and

R 14 E. S. 36 on W. face, with 6
notches on N. E. & W. face, and
raised a mound of stone

around post. Pts impracticable

Land mountainous

Soil 3^d rate

Some Mesquite & Oak timber.

Good Grass.

From the Stand to Sp. 10 S. R 14 x 15
E. just established I run

East on R 15 E. S. Boundary Sec. 31.

To B²² E.

2^d Stand. Parallel South

chains

ascending high Mountains.

40.00

Set a post 3ft. long 3 in. sq. 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, and raised a mound of rocks around post from which

An Oak 8 in. dia. br N. 70° E. 28 lbs dist. marked S. C. $\frac{1}{4}$ S. B. T.

An Oak 15 in. dia. br N. 30° E. 89 lbs dist. marked S. C. $\frac{1}{4}$ S. B. T.

80.00

Set a post 4 $\frac{1}{2}$ ft. long 4 in. sq. with marked stone 12 in. in the ground for Standard Cor. to Secs. 31 & 32. marked

S. C. T. 105. R. 15 E. on N.

S. 32 on E. and

S. 31 on W. face, with 5 notches on E. and 1 notch on W. face.

through R 15 E: continued

chain

from which ✓

An Oak 30 in. dia. br South 24 lks dist.

marked . . . T. 10 S. R 15 E. S. 5 x 6 B. T.

An Oak 14 in. dia. br N. 45° E. 34 lks dist.

marked . . . T. 10 S. R 15 E. S. 32 B. T.

Land mountainous

Soil 3rd rate.

Stem of Oak.

Good Grass.

East. on S. Boundary Sec. 92.

N 13° 22' E

- 34.00 Commenced very steep ascend
- 40.00 Set a Granite stone 20 x 15 x 12 in. 15 in.
in the ground for Standard 1/4 sec.
cor. marked S. C 1/4 on N. and
raised a mound of stone
along side. Pts impracticable
- 80.00 Set a Granite stone 18 x 12 x 10 in. 12

2^d Stand. Parallel South

Chain

in. in the ground for Standard
Cor. to Secs. 32 + 33. marked.

S. C. with 4 notches on E. and 2
notches on W. faces, and raised
a mound of stone alongside,
Pts impracticable.

Land monument

Soil 3^d set

Oak Timber, & some Pine.

188

East on S. Boundary Sec. 33.

$N 13^{\circ} 22' E$

1000 Summit of high Ridge to N.
and descend into canon del Oro

4000 Set a granite stone 152 102 10 in.
10 in. in the ground for Stand-
ard $\frac{1}{4}$ sec. cor. marked S. C.
 $\frac{1}{4}$ in N face, and raised a

through R 15 E: continued

chain

mound of stone alongside, R to
impracticable.

80.00 Set a Granite stone 18 1/2 x 10 in. 12
in. in the ground for Standard
Cor. to Sec. 33 & 34 marked S. E.
with scratches on E & W. faces,
and raised a mound of stone
alongside R to impracticable.

Land mountain

Soil 3^d rate

Some oak & Pine Timber.

East on S. Boundary Sec 34
N 13° 22' E

descending.

40.00 Set a ^{granite} stone 13 1/2 x 8 1/2 in. 9 in.
in the ground for Standard
1/4 sec. cor. marked S. R 1/4 on

2^d Stand. Parallel South

Chalus

W face, and raised a mound
of stone along side, Pt to timber catch.

65.20

Canyon del Oro 3000 wide drain N.
and ascend

80.00

Set a granite stone 15 x 10 x 8 in.
1000 ft. in the ground for Standard
Cor. to Secs. 34 & 35. marked

S. E. with 2 notches on E
4 notches on W. faces, and
raised a mound of stone
along side, Pt to timber catch
Land mountains

Soil 3^d rate

Some Oak & Pine timber.

East on S. Boundary Sec. 35.

N x 13 x 22' 8"

Ascending steep mountain

4000

Set a granite stone 12 x 10 x 10

through R 15 E. continued

claim

100. 8 in. in the ground for Standard 1/4 sec. cor. marked S.C. 1/4 on N. face, and raised a mound of stone along side, Pto impracticable

80.00 Set a Granite stone 14 x 10 x 8 in. 10 in. in the ground for Standard Cor. to Sec. 35 & 36. marked S.C. with 1 notch on E. and 5 notches on N. face, and raised a mound of stone along side Pto impracticable. Land mountainous. Soil 3^d rate. Dense oak & Pine timber.

East on S. Boundary Sec. 36
N 13° 22' E

2^d Stand. Parallel S.

chains ascending.

40.00 Set a Granite stone 13x10x8
ins. 9 ins. in the ground for
Standard $\frac{1}{4}$ sec. cor. marked
S. C. $\frac{1}{4}$ on N. face and raised
a mound of stone alongside.
Pts impracticable.

80.00 Set a Granite stone 14x10x8
ins. 10 ins. in the ground for
Standard cor. to $\frac{1}{2}$ sec. 10 S.
Rs 15 & 16 E; marked S. C. with
crutches on N. E. & N. faces, and
raised a mound of stone
alongside, Pts impracticable.
Land very mountainous

Soil 3^d rate

Number of Pine & Oak.

SOA
I carefully examined the adjustments
of my Solar Transit to-day particularly
the latitude and leveling apparatus
and found them correct.
Jan. 12th 1884.

through R. 15 E: continued

chains

7th 14° 30' E!

27.00 Summit of high Ridge to N.
& descend

40.00 Set a Granite stone 15 x 12 x 10
in. 10 in. in the ground for
Standard ^{1/4 sec} cor. marked S. C
1/4 on N face and raised
a mound of stone along side

60.00 Pto impracticable
E Ridge to N. E.

80.00 Set a Granite stone 13 x 12 x 10 in.
9 in. in the ground for stand-
ard cor. to Secs. 31 & 32, marked
S. C. with 5 notches on E notch
on N. face, and raised a
mound of stone along side,
Pto impracticable.

Land extremely mountainous

Soil 3rd rate

Some Pine & Oak Timber

2^d Stand. Parallel South

Lain

East on S. Boundary Sec. 32.

To $14^{\circ} 30' E$.

Ascend over steep mountains.

- 4000 Set a Granite stone $13 \times 10 \times 8$ ins.
9 ins. in the ground for Standard
and $1/4$ sec. box marked S. C $1/4$
on N. face, and raised
a mound of stone along-
side, Pto unpreciseable
- 3000 Set a Post $4 \frac{1}{2}$ ft. long 4 ins. sq.
with marked stone 12 ins. in
the ground for Standard
cor to Secs. 32 + 33. marked
S. C. S. 105. R 16 E. or N.
S. 33 on E. and
S. 32 on N. face, with 4 notches
on E. & 2 notches on N. face,
and raised a mound of
stone around post. Pto

through R. 16 E. continued

Chain

impracticable
 Land unsuitable
 Soil 3^d oak
 Dense Oak + Pine Timber.

East on S. Boundary Sec. 33

N $13^{\circ} 50' E$

Resounding.

40.00 A Rock in place $40 \times 36 \times 10$ in.
 above ground, which I marked
 for cor. with a cross (+) at
^{1/4} in. N. of cross, and raised a
 mound of stone alongside.

62.00 A Gulch 30 ft wide br N. $70^{\circ} E$

80.00 Set a Post, $4 \frac{1}{2}$ ft. long 4 in. sq. with
 marked stone 12 in. in the ground
 for Standard Cor. to Sec. 33 + 34
 marked S. C. T. 105. R 16 E. on N.

2^d Stand. Parallel South

Claims

S. 34 on E. end

S 33 on W. face, with 3
notches on E. & W. faces, dug
pts 18+18+12 ins. N. E. & W.
of post. 5/8 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base around
post.

Land reclamation

Soil 3^d rate

since Oct Timber & Brush.

East on S. Boundary sec. 34

N at 13° 50' E.

Descent more gradually.

15.00 a Road to N. 60° E.

40.00 Set a Granite 10x10x6 ins. 7 ins.
in the ground for Standard

through R. 16 E: continued

chain

1/4 sec. Cor. marked S. C. 1/4 on
N face, and raised a mound of
stone alongside, Pts unpracticable

52.00 a Wash 35 lbs made to N. 65° E!

8000 Set a Post 4 1/2 ft. long 4 in. sq. with
marked stone 12 in. in the ground
for Standard Cor. to Secs. 34 + 35.
marked S. C. T. 10 S. R. 16 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 + 18 + 12 in. N. Et 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 mountain

Soil 3rd rate

Some Negonite & Cats claw bark.

Good grass

2^d Stand. Parallel South

Chain

East on S. Boundary Sec. 35.

To 13° 50' E

Descending into deep Wash drain E

11.50 West 30th road drain E then
in Wash

38.00 leave Wash and ascend

40.00 Set a ^{Granite} Stone 12 x 10 x 9 in. 8 in.in the ground for Standard $\frac{1}{4}$
sec. Cor marked S. C. $\frac{1}{4}$ on N. face,and raised a mound of stone
alongside Pts impracticable80.00 on Summit of Ridge to E. Set
a Post 4' $\frac{1}{2}$ in. long, 4 in. sq. with
marked stone 12 in. in the ground
for Standard Cor. to Secs 35 & 36.marked S. C. S. 10 S. R. 16 E. on N.
S. 36 on E. andS. 35 on W. face, with 1 notch
on S. and 5 notches on W. face,

through R 16 E! continued

Acres

dug pits 18+18+12 in. N. E. + W.
of post. 5/2 ft. dist. and raised a
mound of earth + stone around
post.

Land unmountainous

Soil 3^d rate

Some Mesquite + Catclawbush.

East on S. Boundary Sec. 36.
Va 13° 50' E!

Descending.
a road to N. 60° E.

4.10

4.00

Set a Granite stone 15+10+10 in. 10
in. in the ground for standard 1/4
sec. Cor. marked S. C 1/4 on N.

fast, and raised a mound of
stone alongside. Pits imprecise.

8.00 Set a Post 4 1/2 ft. long, 4 in sq with
marked stone 12 in. in the ground

2^d Stand. Parallel South

Chains

for Standard Cor. to *Topo.* 105^o

R. 16 + 17 E. marked

S. C. J. 105. on N.

R. 17 E. S. 31 on E. and

R. 16 E. S. 36 on W. face, with
aug. pits 24, 15, 12 in. diameter on each line to the W. of post & 2 dist.6 notches on N. E + W. faces, and
raised a mound of earth
2 1/2 ft high 5 ft. base around post.

Land monuments

Soil 3^d rate

Some Mesquite & Catclawbrush

88 A

I carefully examined the adjustments of
my Solar Transit to-day particularly by
the latitude and reversing apparatus
and found them correct. Jan. 14th 1884
10.00 ver a sun 15 + 102 10000

in the ground for Standard
1/4 sec. Cor. marked S. C. 1/4 on

through R. 17 E. continued

Chain

8000 In fact, and raised a mound of
stone alongside, Pit ^{irreproachable}
On East side of Wash, set a Post ^{chain 2 1/2 70° E: 50 Chas miles}

4 1/2 ft. long 4 in sq. with marked
stone 12 in. in the ground for

Standard Cor. to Secs. 31 + 32.
marked S. C. T. 10 S. R. 17 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 + 18 + 12 in. N. E. + 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

Soil 3^d rate

Some Wengroth & Catclaw brush
Good Grass.

2^d Standard Parallel South

Chains

East on S. Boundary Sec. 32.

Ta $13^{\circ} 50' E$

40.00 Set a stone $12 \times 10 \times 9$ in. 8 in.
in the ground for Standard
 $\frac{1}{4}$ sec. Cor. marked S. C $\frac{1}{4}$
on N. face, and raised a
mound of stone around
post, pit impracticable

80.00 Set a post $4\frac{1}{2}$ ft. long, 4 in. sq.,
with marked stone 12 in. in
the ground, for Standard
Cor. to Secs 32 + 33. marked,
S. C. T. 10 S. R. 17 E. on N.

S. 33 on E. and

S. 32 on N. face, with 4
notches on E. and 2 notches
on N. face, dug pits $18 \times 18 \times 12$
in. Et N. of post. $3\frac{1}{2}$ ft. dist.
and raised a mound of

through Range W. E. continues

Chain

earth 2 ft. high $4\frac{1}{2}$ ft. base
around post.

Sand mountainous

Soil 3^d rate

Use Mesquite & Palo Verde wood.

Good game.

East on S. Boundary Sec. 33.

To $13^{\circ}50'E$

4000

Set ^{Granite} stone 13 x 10 x 8 ins. 8 ins.

in the ground for Standard
 $\frac{1}{4}$ Sec. cor. marked S. C. $\frac{1}{4}$ on

N. face and raised a mound
of stone around post. Pt
impracticable.

8000

Set a post $4\frac{1}{2}$ ft. long, 4 ins.
sq. with marked stone 12 ins.
in the ground, for Standard

2^d Stand. Parallel South

chains

Cor. to Secs. 33 + 34 marked
S. C. S. 10 S. R. 17 E on N.

S. 34 on E. and

S. 33 on W. faces, with 3 notches
on E. W. faces, dug pits
18 + 18 + 12 in. N. E. + W. of
post. 5 1/2 sp. dist. and raised
a mound of earth 2 sp. high
4 1/2 sp. base around post.

Land summit above

Soil 3^d rate

Some Magnite + Peloid barbed

188

East on S. Boundary Sec. 34

To 13° 50' 8"

- 9.50 Old Wagon track
12.00 a Wash 30 lbs made by N. 88° E.
40.00 Set a Granite stone 12 + 10 + 10

through R 17 E. continued

chain

inc. 8 in. in the ground, for Standard $\frac{1}{4}$ sec. Cor. marked S.C. $\frac{1}{4}$ on N face, and raised a mound of stone alongside Pts impracticable.

80.00 Set a post $4\frac{1}{2}$ ft. long 4 in. sq. with marked stone 12 in. in the ground, for Standard Cor. to Secs. 34 + 35. marked S.C. S. 100. R. 17 E. on N. S. 35 on E. and S. 34 on W. face, with 2 notches on E. and 4 notches on W. faces, dug pits $18 \times 18 \times 12$ in. ^{N.} E. 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.
Land unmountainous

2^d Stand. Parallel South

chains

Soil 3^d rate
 Mesquite & Palo verde trees
 Good grass.

East on S. Boundary Sec. 35.
 N. $13^{\circ} 57' E$

- 2.25 a Wagon Road to N. $80^{\circ} E$
- 20.00 Enters Wash drains E.
- 35.00 Leave Wash.
- 40.00 Set a Stone 15 x 10 x 8 in. 10 in.
 in the ground for Standard
 $\frac{1}{4}$ sec. cor. marked S. C $\frac{1}{4}$
 on N. face and raised a
 mound of stone along side
 Pit impracticable
- 80.00 Set a Post 4 1/2 ft. long 4 in. sq.
 with marked stone 12 in.
 in the ground, for Standard

through R. 17 E. continued

Claim

Cor. to Secs. 35 & 36 marked
S. C. S. 10 S. R. 17 E. or 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" deep.

N. E. & W. of post. 5' x 5' dist.
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
around post.

Land mountainous

Soil 3^d rate

Some Mesquite & Palo verde trees.

East on S. Boundary Sec 36.

Va 13° 50' E'

40.00 on West of Wash drain N.E.

2.00 chs mdy set a granite

29 Stand. Parallel South

chain

stone 12x10x8 ins. 8 ins. in
the ground for Standard 1/4
sec. cor. marked S.C. 1/4
on N face and raised a
mound of stone along side
Pts. impracticable.

55.00 a Wash 55 lbs made drain N.E.

80.00 The old T^o Cor. to T. 108.

Rs 17x18 E. which is a
Mesquite Post in good
order already described.

Land remuneration

Soil 3^d rate

Beuse Mesquite & Catclaw brush

I carefully examined the adjusted results
of my Solar Transit to-day
particularly the latitude and
overseeing apparatus and
found them correct.

Jan. 10th 1884

through R. 17 E. continued.

General Description

The survey of the second Standard South through Tps 1-5 East, was a very difficult undertaking, no water being obtainable, along the entire line, and it had to be packed 40 miles on mules, causing much hardship & suffering to men & beast. The land over the level ground is mostly 2^d rate, and over the mountains 3^d rate, there is a good growth of Mesquite and Ironwood. Catclaw & Palo Verde, of small size along the entire line.

the line from Sp 10 S. Ro
10 + 11 E. to Ro 17 + 18 E.
runs for the first 6 miles
over level ground, with
a dense growth of Iron-
wood, Palo Verde + Mesquite
thence it crosses the
Dorbilla Mts, these Mts
are difficult of access, and
intersected by many deep
Washes and cañons.

thence the line runs over
a rolling country, well
timbered, and covered
with good grass, from
the Cañon del Oro the
line ascends rapidly
over the Santa Catalina
Mts, and the highest

Point reaches an altitude of about 9000 ft above the sea level, the higher Mts are covered with a dense growth of Oak & Pine timber, it then descends rapidly into or near to the San Pedro Valley, which part is covered with Mesquite & Palo verde, Ironwood & Catclaw & Subarros.

J. B. McLaughlin
U. S. Dep. Surveyor.

Final Oaths of Assistants.

We hereby certify that we assisted J. B. McLaughlin
an U. S. Deputy Surveyor, in surveying
 the Gila and Salt River Meridian
 through Ts. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 S.
~~The red Standard corner I through~~
~~R. 12, 3, 4, 11, 12, 13, 14, 15, 16, 17 E.~~

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

Paul Riceker Comptroller

Subscribed and sworn to before me this 20th
 day of September 1883

J. B. McLaughlin
 Notary Public.



101

Final Oaths for Surveys.

LIST OF NAMES.

BOOK 1467

*A List of the Names of Individuals employed by
..... U. S. Deputy Surveyor to
assist in running, measuring and marking the lines and
corners described in the foregoing Field Notes of the survey of
the*

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

.....
.....
.....
.....
.....
.....



List of Names.

102

167

104

BOOK 1467

A List of the Names of Individuals employed by

J. B. McLaughlin U. S. deputy

surveyor, to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey

of the Glass Salt River Meridian bet.

Glass Salt River Base line and 2^d Standard

South, and the 2^d Standard South

bet. Rs 14 5 East. and Rs 16 17 East.

Showing the respective capacities in which they acted.

J. W. Canady Chainman.
Geo. Mornin

Chas. Dorman Chainman.
Louis Haat

Wm. J. Scott Axeman.
Simon Rorer

John Gorth
George Clessem Flagman.



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bed in the

Final Oath of Assistants.

We hereby certify that we assisted J. B. McLaughlin U. S. Deputy Surveyor, in surveying all those parts or portions of the Gila Salt River Meridian bet. Gila Salt River Bas. Line and 2^d Standard South and the 2^d Standard South bet. R. 1 + 5 East and 10 + 17 East.

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

- J. B. McLaughlin Chairman.
- Chas. Dorman Chairman.
- Louis Hoals Axeman.
- James V. ... Flagman.
- Wm. ...

Sworn to and subscribed before me, this 25 day of September, 1883

Paul Ricke
Notary Public

Final Oath of Deputy Surveyor. 104

I, J. B. McLaughlin

U. S. Deputy Surveyor, do solemnly swear that in pursuance of
 instructions received from J. W. Robbins
~~John Wasson~~, United States
 Surveyor-General for Arizona, bearing date the 18th

day of June 1888, I have well, faithfully
 and truly, ~~in my own proper person, and~~ in strict conformity
 with the instructions furnished by the United States Surveyor-
 General for Arizona, the Surveying Manual, and the laws of the
 United States, surveyed all those parts or portions of

the Gila & Salt River Meridian bet
the Gila & Salt River Base and
2^d Standard South. and the 2^d
Standard South bet. Rises E
and 10 & 17 West.

as are represented

in the foregoing Field Notes as having been surveyed by me and
 under my direction; and I do further solemnly swear that all
 the corners of said surveys have been established and perpetuated
 in strict accordance with the Surveying Manual, printed instruc-
 tions, the special instructions of the United States Surveyor-
 General for Arizona, and in the specific manner described in the

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

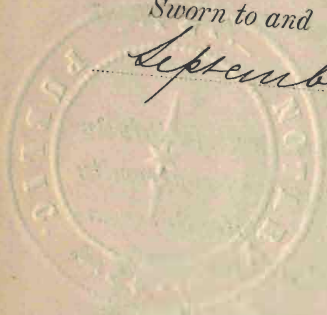
Johnston B McLaughlin

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 25 day of September, 1883

Paul Riecker

Notary Public



BOOK 1467

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U. S. Surveyor General's Office,

Tucson, Arizona, July 21, 1884

The foregoing Field Notes of the Survey of the

Second Standard South
 between the Gila & Salt River
 Meridian and Ranges No. 5 - 8,
 and Ranges No. 10 & 17 East

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.

Royce Johnson
 Surveyor General.