

Recd Sep 5. 1893
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1611

1611

BOOK 1611

4-671

FIELD NOTES

Exterior Boundaries

West boundy	Sp.	S.	R.	14	West
<u>South</u>	"	<u>8</u>	"	"	<u>12</u>
<u>East</u>	"	<u>10</u>	"	"	<u>12</u>
<u>South</u>	"	<u>10</u>	"	"	<u>12</u>
<u>East</u>	"	<u>7</u>	"	"	<u>11</u>
<u>South</u>	"	<u>7</u>	"	"	<u>11</u>

By Lewis Wolfley D. S. under Contract

Dated January 16. 1893.

Survey Commenced May 11. 93

Survey Completed June 7. 1893

BOOK 1611

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<u>South</u>	"	" 7	" 11	" 116 to 124

1611

BOOK 1611

61

West Bay, Twp. 8. S. Range 14 West

Chasins

North on E. bdy. of Sec. 25.
 $N 14^{\circ} E$.

I find no signs or coveys on this mile I therefore continue on a random line from the cor. to Secs. 25 and 26 just described

North for a distance of 5 miles and 50 lks. and I intersect the Twp. line at 30 lks. E. of Cor. to Twp. 7. S. R. 14 and 15 West as hereinbefore described setting temporary half mile and mile coveys at each 40. 80 lks.

Thence I run
 $S 0^{\circ} 2' E$ on a true line on E. bdy.

West Boundary Th. J. Smith

Chains of Sec 1

Va 14th E.

In dense mesquite brush
 40.25 Set a post 3 ft. long 3 ins
 square with marked
 stone 12 ins. in the
 ground for 1/4 Sec. by
 marked 1140. on W. face
 dug pits 18 x 18 x 12 ins.
 N and S. 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
 and lean dense brush
 and enter broken waste
 ground.

60.00 Old road bet. Easterly & Westerly

80.25 Set a post 4 ft. long 4 ins

Range 14 2021

Chain & square with marked stone 12
ins. in the ground for cor. to
Sec. 1 + 1/2. marked.

T. 8 S. R. 15 W. on W.

N. on N. side

S 12. on S. faces with 5 notches
on S and 1 notch on N. faces
and raised a mound of
stone 1 1/2 ft. high 2 ft. base
around foot

Pits impracticable

Land broken.

Soil 2nd rate and worthless

Scuse brush 40 cho.

Scattering Ironwood + Palo
Verde in C. 14 40 cho.

West Boundary To S. Smith

Chainis South 0 2' E. on a true
line on E. bdy. of Sec 12
of T4 14 E.

30.00 Ascend rapidly

38.00 Top of rock ridge b/w E & W
200 ft. high and descend abruptly

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 S. on W. face, and
raised a mound of stone
1 1/2 ft. high 2 ft. base
around post.

Pits unpracticable
and over broken and rocky
E. slopes.

66.00 Wash 20 ft. wide course E

Range 14 West

Main

70.00

Set a post 4 ft. long 4 ins. square with marked stone 12 ins in the ground for cor. to Sec. 12 + 13. marked T.S.A. R 15. W. on W

D 12. on N End

D 13. on S. faces with 4 notches on S. and 2 notches on N faces and raised a mound of gravel 1 1/2 ft. high 3 1/2 ft. base around post.

Pits impracticable
Land mountainous to chs.

Soil 4th rate

Scattering Ironwood and Palo Verde

West Boundary Tr. S. Smith

Chain $S 0^{\circ} 2' E.$ on a true line
on E. bdy. of Sec. 13.

$99 14^{\circ} E.$

Over rough rocky points

18.00

Top of rocky ridge

bet. D.E. & N.W. 200 ft. and descend

40.00

Set a post 3 ft. long in

square with marked

stone 12 ins in the ground

for $1/4$ Sec. cor. marked $11/4$ ft.

On W. face, dug pits $18 \times 18 \times$

12 ins. N and S. 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.

and continue to descend

over broken ground

57.00

Wagon road bet. Easterly & Westerly

Range 14 West

Kearns

- 53.75 Southern Pacific Rail Road crosses
about 150 yds. W. of trussel and
near Rail Road Summit
Mohawk Mt. Pass
- 57.25 Wash 20 yds. wide course E End
ascend rapidly
- 74.50 Top of rocky ridge b/w N.W. & S.E.
and descend rapidly
- 78.50 Wash 20 yds. wide course W
and ascend abruptly
- 80.00 Set a post 4 ft. long 4 in. square
with marked stone 12 ins. in
the ground for Cor. to Sec.
15 End 24 marked
T.S. R 15. W. or W.
S 13. or N. End
S 24. or S. face with 3 notches
on N. and S. faces and raised

West Boundary Tr. S. South

Skans a mound of stone 1 $\frac{1}{2}$
 ft. high 2 ft base around
 post. Pits impracticable
 Land mountainous rocks
 Soil worthless
 Scattering Ironwood +
 Palo Verde

S 0° 2' E. on a true line
 on E. lty. of Sec 24
 Y 914° E.

Continue ascent over Mts.

3.50 Top of Rock ridge 250 ft.
 high lvs. E to W. and descend
 abruptly

12:00 Wash 25 lks. wide course W
 and ascend

21.00 Top of ridge 150 ft. high

Range 14 West

Stanis br. E & W. descend

26.00 Over broken rocky and washed ground

40.00 Set a Limestone $18 \times 14 \times 6$ ins. 12 ins. in the ground for 14 Sec. cor. marked 14 on W. face, and raised a mound of stone $11\frac{1}{2}$ ft. high 2 ft. base alongside

Pits impracticable

80.00 Set a post 4 ft. long 4 ins. square with peaked stone 12 ins. in the ground for cor to Secs. 24 and 25 marked

S 8. S. R 15. W. on W

S 24. on N. End

S 25. on S. face with 2 notches

West Boundary Tr 8 South
 chains on S. and 4 notches
 on N faces and raised
 a mound of gravel
 1 1/2 ft. high 3 1/2 ft. base
 around post

Pits impracticable
 Land mountainous & rocky
 Soil worthless
 Scattering Ironwood &
 Palo Verde

S 0° 2' E. on a true line
 on E. Bdy. of Sec 25
 Va 14° E.

40.00 Over Rocky washed ground
 Set a post 3 ft. long 2 in
 square with marked stone

Range 14 West

- 47.50 Corn 12 ins. in the ground for 4 $\frac{1}{2}$ Sec.
 cor. marked 40 on W. face
 and raised a mound of
 stone 11 $\frac{1}{2}$ ft. high 2 ft. base around
 post. Pits impracticable
 47.50 Top of rock ridge 300 ft. high
 br. E. W. end descend
 53.50 Foot of ridge
 80.25 The Cor. to Secs. 25 & 36 T $\frac{1}{2}$ S
 R. 15. W. as hereinbefore
 described

Land mountainous

Soil worthless

Scattering Pals Verde End

Iron Wood - The Corners on
 this line are marked for surveys on W. only

May 11th 1893

T.P.A. R 14.W.

Line	Course	Distance	Latitude		Separation	
			N	S	E	W
E. Boundary	North	462. 75	462. 75			
N "	89° 50' N	400. 60	1.38			400. 60
W "	10° 2' E	462. 75	462. 75	130		
S "	East	402. 33		402. 33		
		400.		400.		
Convergence						12
						146
			462. 75	462. 75	400. 30	401. 06
			462. 75	462. 75	402. 08	400. 30
			462. 75	401. 06	401. 06	400. 30
			Error in Latitude 1.67	Error in Separation 1.57		1.57

S. Bdy. Tps. 8, 9, S. R. 12 West

Chain From the cor. to Tps. 8, 9, S.
Rs. 11 and 12 West as hereinbefore
described

From

West on a random line
bet. said Townships the
variation of my compass
being $13^{\circ} 45' E$.

I set temporary half mile
and mile cor. at each 40
and 80 ch. and find the
Tp. line to be 6 miles and
80 ch. long and intersect
at the cor. to Tps. 8, 9, S. Rs.
12 + 13 West as hereinbefore
described

The true course will be East
From the cor. to Tps. 8, 9, S.
Rs. 12 + 13. W.

South Boundary Twp 8, South

Charris Run

East on a true line bet.
Secs. 6 and 31Hq $13^{\circ} 55' E$.

40.80 Set a post 9 ft. long 3 in
square with marked
stone 12 ins. in the ground
for N. face, cor, marked N
D. on N. face, dug pits $15 \times$
 15×12 ins. E. W. of post $5\frac{1}{2}$
ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base around
post

80.80 Set a post 4 ft. long
4 in. square with
marked stone 12 ins
in the ground for cor
to Secs. 5, 6, 31 & 32 marked

Range 12 west

Charis T8. S. S32. on N.E.

Q12. W. S. 5. on N.E.

T9 S. S. 6. on W. End

S31. on N.W. face with 5
notches on ^{N.E.} End 1 notch on ^{N.W.}
^{face} Sages dug pits 18x18x12 ins
in each Sec. 5 1/2 ft. dist. End
raised a mound of earth
2 ft. high, 4 1/2 ft. base
around post

Land level mesa

Soil 1st/₂ rate

Scattered Sage End greasewood
brush

South Boundary Tr. S. South

Chains East on a true line
bet. Secs. 5th and 32

$\frac{1}{4}$ 14⁰⁰ E.

40.00 Set a post 3 ft. long 3
ins. square with marked
stone 12 ins. in the ground
for 1/4 Sec. cor. marked
 $\frac{1}{4}$ 40. on N. face, dug pits 18x
18x 12 ins. E. & W. of post $5\frac{1}{2}$
ft. dist. and raised a
mound of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base around post

80.00 Set a post 4 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for cor. to Secs. 4, 5, 32 & 33
marked

T & S. 33. on N. E.

Range 12 west

Remains

R 12. N. S. 4. on E

T 9. S. 5. on W. end

S 32 on N. W. faces with 4
notches on ^NE and 2 notches
on ^NW ^{faces} edges. dug pits 18 x 18 x
12 ins. in each sec. 5 1/2 ft
dist. and raised a mound
of earth 2 ft. high 4 1/2 ft. base
around each

Land level mesa

Soil 1st rate

Scattering grasswood and

Sage brush

Each on a true line bet.
Secs. 4 and 33.

N 14° E.

H 0.00 Set a post 3 ft. long 3 ins

Leitch Boundary T. 8. South

Markis Square with marked
stone 12 ins. in the ground
for 1/4 Sec. cor. marked 1/4 S.
on N. face, dug pits 18x18x
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 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for cor. to Secs. 3, 4, 33 & 34
marked

T. 8. S. 34. on N.E.

R 12. W. 3. on S.E.

T. 9. S. 4. on W. end

S 33. on N.W. faces with
3 notches on ^{N.E. N} E. & ^{W. faces} W. edges

Range 12 West

Main dug pits 18x18x12 ins. in
each Sec 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base around
pits

Land level mesa

Soil 1st/_n rate

Scattering Sage and ground
brush

East on a true line bet
Secs. 3 and 34

Va 14° E.

33.00 Road bet N and S.

40.00 Set a post 3 ft. long 3 ins
square with marked stone
12 ins. in the ground for
1/4 Sec. cor. marked 1/4 Down

South Boundary Sp. 8 South

chains 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 $\frac{3}{4}$ ft.
 base around post

80.00 Set a post $4\frac{1}{2}$ ft. long 4
 ins. square with marked
 stone 12 ins. in the ground
 for cor. to Secs. 2, 3, 34 + 35
 marked

T 8. P. 35 on N.E.

R 12. W. P. 2 on S.E.

T 9. S. P. 3 on S.W. and

P 34 on N.W. faces with
 2 notches on ^{N.E.} E. and 4
 notches on ^{N.W. faces} W. Edges. dug
 pits $18 \times 18 \times 12$ ins. in each
 Sec $5\frac{1}{2}$ ft. dist. and raised

Range 12 West

Mark is a mound of earth 2 ft. high
 4 1/2 ft. base around post
 Land level used
 Soil 1st rate
 Scattering grasswood and
 Sage brush

East on a true line bet Secs
 2 and 35

To 14° E.

40.00 Set a post 3 ft. long 3 ins
 square with marked
 stone 12 ins. in the ground
 for 1/4 Sec. cor. marked
 1/4 S. on N face deep pits 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

South Boundary Tfr. F. South

Chains around post

80.00

Set a post 4 ft. long
4 ins. square with
marked stone 12 ins. in
the ground for cor. to
Sec. 1, 2, 35 & 36 marked
T.S. 36. on N.E.

R 12. W. 01. on S.E.

T 9. S. 1. 2 on SW Quad

S 35. on N.W. face with
1 notch on ^{N.E.} and 5 notches
on ^{N.W. face} edges. dug pits 18x18x12

ins. in each sec 5-1/2 ft. dist.

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

Land level, soil 1st rate

Scattered greasewood and
Sage brush

Range 12 West

Charis East on a true line bet. Secs
1 and 36

Ja $14^{\circ}E$.

40.00 Set a post 3 ft long 3 ins
square with marked stake
12 ins. in the ground for
14 Sec. Co. marked 14 P. on
N. face, deep 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

80.00 around post and

~~80.00~~ The cor. to Tps. 8 & 9, S. R. 11 & 12 W.

as hereinbefore described

Land held under

Oil 1^{st} rate

Scattering Sage and
greasewood brush

May 18/1873 and

East Boundary Tr. 10. South

Chains From the Closing Cor. to
Trs. 19. S. Rs. 11 + 12. West
as heretofore described
Then

South bet. Sec. 1 and 6

$N 91^{\circ} 45' E$

40.00 Set a post 3 ft. long 3 in
square with marked
stone 12 in. in the
ground for 14 sec. cor
marked 140. on W. face
dug pits 18 x 18 x 12 in
N and S. 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 ft. long 4 in
square with marked stone

Range 12 West

Stakes 12 ins. in the ground for
 S.W. to Secs. 16, 7+12
 marked

T 10 S. 16. on N.E.

R 11. W. 7. on S.E.

R 12 W. 12. on SW^{Quad}

S. 1. on N.W. faces with 5
 notches on ^E and 1 notch
 on ^E _{edges}. dug pits 18x18
 x 12 ins. in each sec 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft. high 4 1/2 ft. base
 around post

Stake No. 2500 of South
 Gila Canal vs S.E. about
 75 yds.

Land level mesu

soil 1st rate

East Boundary Twp. 10. South

Chanis Scattering Sage and
greasewood bush

South bet Secs. 7 and 12
Va 13° 45' E

40.00 Set a post 3 ft. long 3
ins. square with marked
stone 12 ins. in the ground
for 14 Sec. cor. marked
1140. on W. face, dug
pit 18 x 18 x 12 ins. N. 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 ft. long 4 in
square with marked

Range 12 West

diario stone 12 ins. in the ground
for cor. to Secs 7, 10, 13 + 15
marked

T 70 S 7. on N.E.

R 11. W. S 15. on E.

R 12. W S 13. on SW - Quad

S 12. on N.W. faces with 4
notches on ^E and 2 notches
on ^E ~~faces~~ ^{edges}. dug pits 15 x 15
x 12 ins. in each Sec. 5 1/2 ft.

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

Land mesa

Soil 1 st/₄ rate

Scattering Sage + grass and
brush

East Boundary Tr. 10 South
Chains South bet. Secs. 13 & 18

Va. $13^{\circ}45'E$.

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 14 Sec. cor. marked 1/4
E. on W. face, dug pit 10 x
18 x 12 ins N. end 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 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for cor. to Secs. 13, 18, 19 & 24
marked

T10 S. S. 18, on N. E.

R11. W. S. 19, on S. E.

Range 12 West

Range R 12. W. S 24. on S. W. End

S 13 on N. W. faces with 3
 notches on N. ^E and S. ^E faces
 dug pits 18x18x12 ins in
 each Sec 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high 4 1/2 ft. base
 around post

Land level mesa except
 a few small sand hills
 Soil 1st rate

Scattering Sage and greasewood
 brush

South bet. Secs. 19 and 24
 Sta. 13° 45' E.

H.O. 00 Set a post 0 ft. long ins.

East Boundary Tp. 10 South

Chain square with marked
stone 12 ins. in the ground
for 114 Sec. cor. marked
6 1/4 on N. face, dug pits
18 x 18 x 12 ins. N and S. of
post 5 1/2 ft. dist. and
raised a mound of
earth 1/2 ft. high 5 1/2 ft. base
around post

80.00 Set a post 4 ft. long 4 ins
square with marked
stone 12 ins. in the ground
for cor. to Secs. 19, 24, 25 + 38
marked

T 10. S 19. on N. E.

R 11. W. S 31 on S. E.

R 12. W. S 25. on N. W. and

S 24. on N. W. face with

Range 12 West

Quarries 2 notches on ^E and 4 notches
 on ^E faces dug pits 10x15x12
 ins. in each Sec. 5 1/2 ft. diam.
 and raised a mound of
 earth 2 ft. high 4 1/2 ft. base
 around fast

Land level mesa

Soil 1st rate

Scattering mesquites Sage
 and grasswood brush

South bet Secs. 25 + 30

$\frac{1}{4}$ 13° 45' E.

40.00 Lava flow 9 ft. long 3 ins
 square with marked
 stone 12 ins. in the ground
 for 14 Sec. cor. marked 1148.

East Boundary Tr. 10 South

Stations on N. face, aug pits 18x18
 x 12 ins. N and S of post 5th
 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 ft. long 4 ins
 square with marked
 stone 12 ins. in the ground
 for cor. to Secs. 25. 30. 31 + 36
 marked

T 10. S. 31. on N.E.

R 11. W. 31. on S.E.

R 12. W. 36. on S.W. Quad

S 25. on N.W. faces with
 notch on S^E and 5 notches
 on N^E faces
 aug pits 18x18
 x 12 ins. in each sec 5th ft. dist

Range 12 2012h

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

Land level meso

Soil 1st rate

Scattering Mesquite & Sage brush

South 1/4 Secs. 31 + 36

Ta 13° 45' E

40.00 Set a post 3 ft. long in square with marked stone pins in the ground for 1/4 Sec. cor. marked 1/4 S. on N. face, dug pits 18 x 18 x 12 in N and S. of post 5 1/2 ft. dia and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post

East. Pdy. Tps. 10, S. Range 12 West

Chains

80.00 Set a first 4 1/2 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for cor. to Tps. 10 + S. R.
11 + 12 West marked

T 10. S. S. 31. on N.E.

R 11. W. 36. on S.E.

T 11. S. 1. on S.W. Quad

R 12. W. 36. on N.W. faces with
6 notches on each ^{face} edge
dug pits 24 x 15 x 12 ins
lengthwise on each line

N. S. E. + W. of post 6 ft. dist.

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

Land level mesa
Soil ^{at} rate. Scattering Mesquite + ^{brush} Aug

South Bay Tp. 10 S. R. 12. West

chain As the S.W. Cor. of this
Tp. is high and impracticable
Mountains

From

West on a true line from
the Cor. just established by me
bet. Secs. 1 and 36

Found the Cor. to Tps. 10 & 11
S. R. 11 & 12. W.

From

West bet. Secs 1 and 36

On $13^{\circ}45'E$.

40.00 Set a post 9 ft. long 9 ins
square with marked stone
12 ins. in the ground for
1/4 Sec. cor. marked McMill
face, aug pits $18 \times 18 \times 12$ ins
E. & W. of post 5 1/2 ft. dist. ^{and}

South Boundary. The 18 South
chains raised a mound of earth
11 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
around post

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

T 10, S 1, 36. on N.E.

R. 12. W. 1. on S.E.

T 11, S 1, 2. on S.W. ^{and}

S 35. on N.W. faces with
1 notch ^N on ^E and 5 notches
on ^N ^{face} ^W edges dug pits 15x18
x 12 ins. in each Sec 5 $\frac{1}{2}$ ft.
dist. and raised a mound
of earth 2 ft. high 4 $\frac{1}{2}$ ft. base
around post

Range 12 West

Chain Land level mesa

Soil 1st $\frac{1}{4}$ dateScattering greasewood and
mesquite bush

West bet Secs. 2 and 35-

T₉ 13° 45' E.

- 40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 14 Sec. cor. marked
N₄ Sec. N face, dug pits 18x18
x12 ins. E & W. of post 5 $\frac{1}{2}$ ft.
dist. and raised a mound
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{4}$ ft.
base around post
- 80.00 Set a post 4 $\frac{1}{2}$ ft. long 4 ins

South Boundary of 10 South
 Chains in square with marked
 stone 12 ins. in the ground
 for cor. to Secs. 2, 3, 34+35
 marked

T 10. S. 1. 35. on N. E.

R 12. W. 1. 2. on S. E.

T 11. S. 1. 3. on S. W. ^{and}

S 34. on N. W. faces with
 2 notches on ^{N. E.} ^{and} ^{faces} ^{of}
 notches on ^{N.} ^{W.} ^{edges.} dug
 pits 18x18x12 ins. in
 each Sec. 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high. 4 1/2 ft. base
 around each

Land mesa

Soil 1st rate

Scattered grass wood bush

Range 12 West

Quinn West bet Secs. 3rd and 34th
T₉ 13° 45' E.

40.00 Set a post 3 ft. long 3 ins
square with marked stone
12 ins. in the ground for
1/4 Sec. cor. marked 1/4 c. on
N. face, aug. pits 18x18x12 ins
E & W. of post 5 1/2 ft. dist.
and raised a mound of
earth 1/2 ft. high 3/2 ft. base
around post

and ascend gradually

80.00 Set a post 4 ft. long 4 ins
square with marked stone
12 ins. in the ground for
cor. to Secs. 3, 4, 33 and 34
marked
T₁₀ S. 34 on N. E.

South Boundary Tr. 10. South
 Chains R 12. W. S. 3. on O. E.

T. 11. S. 1. 4. on N. W. Quad

S 33. on N. W. faces with 3
 notches on ^{N. E. Quad} ^{N. faces} _{W. edges.}

dug pits 15 x 15 x 12 ins. in
 each Sec 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high 4 1/2 ft. base
 around each

From which

An Ironwood 8 ins. diam

on S 40° W. 100 MB. just

marked T. 11. S. R. 12. W. S. 3. O

Land E. 1/2 level mesa
 " W 1/2 washed and gravel
 soil 1 1/2" and good rate

Scattering Ironwood to Palo
 Verde

Range 12 West

kanis Rocks, Cliffs and Mountains
about 90 chs. West and
therefore I do not continue
the line West.

Mohawk range. bss. N.W. & S.E.

I tested my solar
by the sun at noon and
found the latitude to be
 $32^{\circ} 30'$ See page 46

T. A. R. 12. W.

Line	Course	Distance	Latitude		Longitude	
			N	S	E.	W.
E. Bay.	North	480.00	480.00			
"	West	478.14		320.00		478.14
West.	South	320.00		80.00	0.5	
"	10° 2' E.	80.00		80.00	0.5	
"	10° 2' E.	80.00		78.25		
S. Bay.	89° 58' E.	78.25			80.00	
"	East	80.00			80.00	
"	East	80.00				
"	East	240.00			240.00	
Closing			480.00	780.05	478.25	478.25
				480.00		478.25
						478.25

HL

Error in Latitude
0.5 Error in Longitude

June 6-7, 1893.

Lewis Wolfley
U. S. Deputy Surveyor

Field Notes
of the
Exterior Boundary of Twp.
7. S. R. 11. W. 3. East and
South Boundary
of the Gila and Salt River
Base and Meridian
in the Territory of Arizona
as Surveyed by
Lewis Wolfley
U. S. Deputy Surveyor
Under Com. No. 25

Dated January 16/1893
Survey commenced April 18/93
" completed " " "

East Boundary Tr. 7 South

Chains From the Cor. to Tr. 6 & 7
 S. Rs. 10 & 11 W. as herein -
 before described

From

South Sect. Secs. 1 and 6

Va. $14^{\circ} E$

40.00 Set a post 3 ft. long 3 ins
 square with marked
 stone 12 ins. in the ground
 for 14 Sec. Cor. marked 14
 N. or W. face, dug pits 18 & 15
 x 12 ins N and S of post $5\frac{1}{2}$
 ft. dist. and raised a
 mound of earth $1\frac{1}{2}$ ft.
 high $3\frac{1}{2}$ ft. base around
 post

48.00 Enter Malpais and ascend

51.00 Top of slope and over
 Malpais

Range 11 West

Main Mesa

76.00 Old Road bet. E & W

80.00 Set a post 4 ft. long 4 in
square with marked
stone 12 in. in the ground
for cor. to Sec. 1, 6, 7 & 12.

Marked

T. 7 N. 16. on N.E.

R. 10. W. 1. 7. on S.E.

P. 11. W. 1. 12. on W. End

S. 1. on N.W. faces with 5 yds
on. 1st and 1st notch on N. ⁸ faces
edges.dug pits 18x18x12 in. in each
sec 5 1/2 ft. dist. and raised a
mound of earth 2 ft. high
4 1/2 ft. base around post

Land level near

Soil 1st rateScattered Pulp under Sagegrass

East Boundary Twp. 7 South
 Chain South bet. Secs. 7 and 12
 $9914^{\circ}E.$

11.00 Artes and Sentinel Road bet. E & W

15.90 Southern Pacific Rail Road bet. $N 81^{\circ} 00' E$

40.00 Set a post 3 ft. long 3 ins
 square with marked stone
 12 ins. in the ground for $\frac{1}{4}$
 Sec. corner marked $N 4^{\circ}$ on W. face
 dug pits $18 \times 18 \times 12$ ins. N &
 S. of post $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 $11\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft. base around
 post

80.00 Set a post 4 ft. long 4 ins
 square with marked
 stone 12 ins. in the ground
 for cor. to Secs. 7, 12, 13 & 18
 marked

$T 7 S S 7$ on N. E.

Range 11 255th

Range R 10. W. S. 15. NW. E.

R 11. W. S. 13. NW. E. End

A 12. m. N. W. face with 4
notches on N^E and 2 notches
on N^E ^{E. face} edges. dug pits 18x15x
12 ins. in each Sec 5 1/2 ft.

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

Land rolling mesa

Soil poor

Scattered Palo Verde and

Some grass

South bet Secs. 13 & 18

Pa 14° E.

23.00 Enter rolling Malpais

East Boundary Tr. 7. South

Okami

40.00

Set a post 3 ft. long 3 ins square with marked stone 12 ins. in the ground for 14 Sec. cor. marked N. 4. on W. face, dug pits 18 x 18 x 12 ins. N and S of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post

80.00

Set a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to Secs 13, 18, 19 & 24 marked
 T 7. S. 18. on N. E.
 R 10. W. S. 19. on S. E.
 R 11. W. S. 24. on S. W. End

Range 11 West

Dennis S 13. on N.W. face with 3
 notches on N. and ^E S.E. face
 dug pits 18x18x12 ins. in
 each Sec 5th ft. dist. and
 raised a mound of each
 2 ft. high 4¹/₂ ft. base around
 from

Land rolling stony Malpais
 Soil from
 Scattering Palo Verde + some
 grass

South bet. Secs. 19 & 24

79 14° E.

over rolling Malpais

12.00 Leave Malpais

40.00 Set a fresh 3 ft. long 3 ins

East Boundary Tr. 7 South
 Chain Square with marked
 stone 12 ins. in the ground
 for 114 Sec. @ m. marked
 114 S. on W. face and raised
 a mound of stone 1 1/2 ft.
 high 2 ft. base around post.
 Pits impracticable

80.00 Set a post 4 ft. long 4
 ins. square with marked
 stone 12 ins. in the
 ground for cor. to Secs
 19. 24. 25 + 30 marked
 T 9. S. 19. on N.E.
 R 10. W. S. 30. on S.E.
 R 11. W. S. 25. on S.W. End
 S 24. on N.W. face with
 2 notches on ^E and 4
 notches on ^E face
 N. _{W.} ^E _{face} and

Range 11 West

Man raised a mound of stone
 1 1/2 ft. high 2 ft. base around
 post

Pits impracticable

Land rolling mesa

Soil 3rd rate

Scattered Palo Verde and
 some Grass

South bet. Secs. 25 and 30

79 14° E.

40.00 Set a post 3 ft. long 3 ins
 square with marked stone
 12 ins. in the ground for 1/4
 Sec. cor. marked 1/4 on
 N. face, dug pits 18x18x12
 ins. N and S. of post 5 1/2 ft. diam

East Boundary Tr. 7 South

Chairs and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post

80.00 Set a post 4 ft. long
4 ins. square with
marked stone 12 ins. in
the ground for cor. to
Secs 25, 30, 34 + 36 marked

S. S. 30. on N.E.

R 10 W. S 31. on S.E.

R 11 W. S 36 on S.W. End

S 25. on N.W. faces with
notch on S. End 5 notches
on N. ^{E. faces} edges dug pits 18x

18x 12 ins. in each sec

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

Range 11 West

kanis Land level mesa
Soil $1\frac{1}{2}$ rate
Scattering greasewood brush

South bet. Secs. 31 & 36

Ta 14° E.

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 1/4 Sec. cor. marked 1/4 S
on W. face, dug pits 18x18x
12 ins. N and S 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. square with marked

East Bdy. Tps. 7 S. R 4. West

Secins Stone 12 ins. in the ground
for cor. to Tps. 7. S. R. 10-11

W. marked

T 7. S. on N.

R 10. W. S 31. on E. Quad

R 11. W. S 36. on W. face
with 6 notches on N. E. & W.
face dug pits 24x18x12
ins. crosswise on each line
N. E. & W. of post 6 ft. dist. Quad
raised a mound of earth
2 1/2 ft. high 5 ft. base around
post.

Land level mesa

Soil 1 1/2% rate

Scattering Mesquite brush
and some grass

South Bdy, Tps. 7 & 8. R. 11 West

From the Cor. to Tps. 7 & 8
S. R. 10 + 11 W. as just described
From

West on a random line
bet- said Tps. the variation
of my compass being $14^{\circ} E$.
I set temporary half
mile and well Cor's at
each 40 and 80 chs. and
find the Tp. line to be
5 miles and 78 chs. and
50 lks long. and the
falling to be. 49 lks. N. of
Cor. to Tps. 7. S. R. 11 + 12 W.

The correction for the true
line will therefore be 8 lks.
South per mile and its
course will be $N 89^{\circ} 57' E$.

South Boundary Tr 7 South

Series From the cor. to Trs. 7 & 8
S. Co. 11 & 12. W. as heretofore
described

From

$N 89^{\circ} 57' E$. on a true line
on S. body of Sec 31

θ of $14^{\circ} E$

ascend along rocky south
slopes

24.00 Top of rocky ridge bet. S. E. & N. W
and descend rapidly

30.00 Wash course S. E.

38.50 Set a post 3 ft. long 3 in
square with marked
stone 12 in. in the ground
for 1/4 Sec. cor. marked 140
on N. face, and raised a
mound of gravel. $1\frac{1}{2}$ ft.

Range 11 West

Chain high $5\frac{1}{2}$ ft. base around post
 Its impracticable

75.50 Set a post 4 ft. long 4 ins
 square with marked stone
 2 ins. in the ground for cor
 to Sec. 31 & 32 marked

T. 7. S. R. 11. W. m. N.

S 32. m. E. 9th

S 31. m. W. faces with 1 notch
 on W. and 5 notches on E.

faces dug pits 18x18x12 ins
 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 rough and broken

Soil $4\frac{1}{2}$ rate

South Boundary Tr. 7 South

Chanis $N 89^{\circ} 57' E$ on a true line
on S. bdy. of Sec 32.

$N 914^{\circ} E$.

ascending

12.50 Top of Mualpais Ridge
3 chs. wide to N.E. & W

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 1/4 Sec. Cor. marked 14
On N. face, dug pits 15x15
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 ft. long 4
ins. square with marked
stone 12 ins. in the ground

Range 11 West

Chain for cor. to Secs. 32 and 33
marked

Ty. S. R 11. W. on N

S 33. on E. End

S 32. on W. faces with 2
notches on W. and 4 notches
on E. faces, dug pits 18x18x
12 ins. N. E. + W. of first 5 1/2 ft.
disk, and raised a mound
of earth 2 ft. high 4 1/2 ft. base
around first

Land nearly level.

Soil 2nd rate

Scattering mesquite + Sage
brush

South Boundary T₁-7 South

Charris N 89° 57' E. on a true line
on S. bdy. of Sec. 33
Q/A 14° E.

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 12 ins. in the ground
for 14 Sec. cor. marked 14
on N. face, dug pits 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 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for cor. to Secs. 33 + 34. Marked
T₇ S. P. 11. N. on N
S 34. on E. End

Range 11 West

Range S 33. on W. faces with 3.
 notches on E + W. faces and
 pits 15 x 15 x 12 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 Sandy mesa

Soil 1st/₄ rate

Scattering Mesquite + greasewood

N 89° 57' E on a true line
 on S. bdy. of Sec. 34
 Pa 14° E.

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

South Boundary T. 7. S. R. 11 West

Stavis for 1/4 Sec. Cor. marked
 114 ft. on N. face, dug pits 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

- 54.00 Foot of ridge ^{and ascend}
- 57.50 Top of low ridge 50 ft. high
 bet. NW. ^{and descend}
- 80.00 Set a post 4 ft. long 4
 ins. square with marked
 stone 12 ins. in the ground
 for cor. to Secs. 34 & 35 marked
 T. 7. S. R. 11. W. or N.
 S 35. m E. End
 S 34. m W. face with 4
 notches on W. and 2 notches

125

BOOK 1611

U. S. Surveyor-General's Office,

TUCSON, A. T., 188

The foregoing Field Notes of the Surveys of
 Ex Bdys. W. by T. 8 S. R. 14 W.
 S. by T. 8 S. R. 12 W. E. by T. 10 S. R. 12 W.
 S. by T. 10 S. R. 12 W. E. by T. 7 S. R. 11 W.
 S. by T. 7 S. R. 11 W. Gila and Salt River Meridian
 in Arizona executed by
Lewis Welfley

U. S. Deputy Surveyor, under his contract dated
January 16th 1893
 having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

U. S. Surveyor-General
 for the Territory of Arizona.