

Rec'd Jan/6/93

Book 1

Copied
Compared
Platbed

Sent to G. O. March 4/93

1613

Approved April 27-1893

1613

4-671

BOOK 1613

FIELD NOTES

~~GENERAL LAND OFFICE~~

Exteriors

W. S. Bdy T. 6 S. R. 9 W. - W. S.

Bdy T. 7 S. R. 9 W. - E Bdy T. 6 S. R. 8 W.

by Lewis Wolzley

Under Contract, No. 22

Dated, May 26-1892

Survey Commenced Oct. 3-1892

Completed Dec 4 92

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Field Notes
of the
Survey of the Exterior
Lines of Tps. 5. 6. 7. W
Tps. 6. 7. S. Rs. 6. 7. 8. 9. W
Tps. 7. 8. 9. S. Rs. 7. 8. 9. W
of the
Gila and Salt River
Base and Meridian
in the Territory of Arizona
as surveyed by
Lewis Wolfley
U. S. Deputy Surveyor
under his contract No. 22
Dated May 26th 1892

Retrace and Reestablish West Bdy. T. 6. R. 9. W.

Oct 7
 Chain From the closing cor. to Twp.
 6. R. Co. 9 + 10 west recently re-
 establish by me
 I run
 South bet. Secs 1 + 6

$\varphi 13^{\circ} 40' E.$

33.50 Road to Texas Hill bra
 S.W. and N.E.

37.80 I find faint traces of the
 old 14 Sec. cor. on line I
 therefore re-establish the cor
 Set a post 3 ft. long 3 ins.
 square with marked
 stone 12 ins. in the ground
 for 14 Sec. cor. marked 14 S
 on W. face, dug pits 18x18x12
 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

Retrace and re-establish
 chain around post. From which
 a Palo Verde 6 ins. diam
 br. N. 39° E. 232 lks. dist
 marked 1/4 S. B. T.

40.00 Road bet S. E. and N. W

79.00 I find faint traces of
 the old lev. to Secs. 1, 6, 7 & 12 ^{by}
 I therefore reestablish the lev.
 Set a post 4 ft. long
 4 ins. square with marked
 stone 12 ins. in the ground
 for lev. to Secs. 1, 6, 7 & 12 marked
 T. C. S. S. 6 on N. E.

R 9. W. S 7. on S. E.

R 10 W. S 12. on S. W ^{end}

• S 1. on N. W. faced with 1
 notch on N. and 5 notches
 on S. edges. dug pits 18x18
 x 12 ins. in each Sec. 5 & 12 ft.

West. Body. T. b. O. R. 9. W

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

Land level

Soil partly good, few trees

North bet. Secs. 7 & 12

Sq. $13^{\circ}40'E$

37.00 Road from Sentinel to Agua
Fria. NW and S.E

40.00 I find faint traces of the
old $\frac{1}{4}$ Sec. cor. on line I
therefor reestablish the cor.
Set a post 3 ft. long 3 ins.
square with marked stone
12 ins. in the ground for
 $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. on W
face, dug pits $10 \times 18 \times 12$ ins.

Retrace and Re-establish

chains N. end S. of foot $5\frac{1}{2}$ ft. dist.
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base around foot.
From which
a Mesquite 4 ins. diam
brs. N 40° W. 30 lks dist
marked ~~44~~ 44 S. C. T.

55.60 Enter Malpais Rock

78.00 Leave Malpais Rock

80.35 I find faint traces of
the old corr. to Secs 7, 12
13 and 15. on line. I therefore
re-establish the corr.

Set a foot 4 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for corr. to Secs 7, 12, 13 & 15
marked

West. Body. T. b. S. R. 9. W

Chairs T. b. S. 7. on N. E.

R. 9. W. S. 18. on N. E.

R. 10. W. S. 13. on N. W. and

S. 12. on N. W. faces with 2
notches on N. and 4 notches
on S. edges dug pits 18x18x
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 first

From which

a Palo Verde 4 mis. claim

br. N. 32° E. 155. lks. dist.

marked T. b. S. R. 9. W. S. 7. B. T

a Palo Verde 4 mis. claim

br. S. 42° W. 241 lks. dist.

marked T. b. S. R. 10. W. S. 13. B. T

Land level

Soil partly good. few trees

Retrace and Reestablish

chamie South bet. Secs 13 + 18

Va 13° 40' E

5.50 Wagon Road bet Northley +
Southley

40.15 I find faint traces of
the old 1/4 Sec. cor. outline
I therefore reestablish the cor.
Set a post 3 ft. long 3 ins
apart with marked
stone 12 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 C. 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
From which
a Palo verde 7 ins. diam

West. Bdy. T. 6. S. R. 9W

chains 60. West 222. lks. dist marked
114. S. B. T.

41.00 Road bet Northerly + Southerly

57.20 Cross Road bet. S. Easterly +
N. Westerly and joins other
Road in Two Chains

80.30 I find faint traces of the
old cor. to Secs 13, 15, 19 + 24
on line, I therefor ~~reestablish~~
the cor.

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. 6. S. S. 18. on N. E.

R. 9W. S. 19. on S. E.

R. 10W. S. 24. on S. W. and

S. 13. on N. W. faces with S

Retrace & Reestablish

charis notches on N & S 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
 Some good soil, few trees

South bet. Secs 19 & 24

Va 13° 33'E

21.50 Enter Malpais

37.50 Leave Malpais

40.10 I find faint traces of
 the old 1/4 Sec. cor. on
 line I therefore re-establish
 the cor.

Set a post 3 ft. long 0 ins

West Bdy. T_h 6. S. R. 9W

chain square with marked stone
12 ins. in the ground for
1/4 Sec. cor. marked 1/4 S. on
W. face, dug pits 18x18x12
ins. N. End C. of foot 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base around foot.

From which

a Pale Verde 7 ins. diam
brs. N 16° W. 287. sks dist.
marked 1/4 S. B. T.

55.00 Enter Malpais

80.30 I find faint traces of the
old. lev. to Secs 19, 24, 25 & 30
on. line I therefore reestablish
the lev.

Set a foot 4 ft. long 4 ins.
square with marked stone

Retrace and Reestablish.

Chamis' 12 ins. in the ground for
 cor. to Sec 19, 24, 25 & 30
 marked

T. 6. S. 19. on N.E.

R. 9. W. 30. on S.E.

R. 10 W. S. 25. on S.W. End

S. 24. on N.W. face with

H notch on N. End. 2

notches on S. edges and

raised a mound of
 stone $1\frac{1}{2}$ ft. high 2 ft.

base around post

From which

a Palo Verde 3 ins. diam

br. N. 30° W. 40 lns. dist.

marked T. 6. S. R. 10. W. S. 24. 0. 5.

a Palo Verde 4 ins. diam

br. N. 26° E. 260 lns. dist.

marked T. 6. S. R. 9. W. S. 19. 0. 5.

West. Side Tr. 6. S. R. 9. W
 chain Land level
 Some good soil

South bet. Secs 25 & 30
 Ta. 13° 25' E

H. 50 Road brs. E. & W
 H. 15 I find faint traces of the
 old 1/4 Sec. cor. on line
 I therefore reestablish the cor
 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
 W. face, dug pits 15 x 15 x 22
 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, from which

Retrace and re-establish

Chamis a Palo Verde 6 vis. de am
br. $S 72^{\circ} E$. 228 lks. dist
marked 1/4 S. B.T.

48.00 Leave Malpais

80.00 I find faint traces
of the old lev. to Secs
25, 30, 31 and 36 on line
I therefore re-establish the lev.
Set a post 4 ft. long 4
vis. square with marked
stone 12 vis. in the ground
for lev. to Secs 25, 30, 31 & 36
marked

T 6. S. S. 30. on N.E.

R 9. W. S. 31 on S.E.

R 10. N. S. 36. on S.W. and

S 25. on N.W. faces with
5 notches on N. and 1
notch on S. edges dug

West: Bdy. T₁-6. S. R. 900

Chains 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 post
 Land level

Soil ~~partly~~ good. 7 ^{ft}/₁₂ rate

South bet. Secs 31 & 36

T₁A. 13° 20' E.

40.50 I find old traces of the
 14 Sec. cor. on line. I therefore
 re-establish the cor.

Set a post 3 ft. long 3 ins.
 square with marked stone
 12 ins. in the ground for 14
 Sec. cor. marked "4 S. on W. face
 dug pits 15 x 15 x 12 ins. N₁ of
 post 5 1/2 ft. dist. and raised

Retrace and Reestablish

chain a mound of earth $1\frac{1}{2}$ ft.
high $5\frac{1}{2}$ ft. base around post

50.50 I find faint traces of
the old cor. to Tps. 6 & 7. S.

R. 9 and 10 West. on line

I therefore reestablish the cor.

Set a post $4\frac{1}{2}$ ft. long &
no. square with marked
stone 12 in. in the ground
for cor. to Tps. 6 & 7. S. R. 9/10
west marked

Tp. 6. S. S. 31 on N. E.

R. 9. W. S. 6. on N. E.

T. 7. S. S. 1 on S. W.

R. 10. W. S. 36. on N. W. face
with 6 notches on each
edge.

and raised

West Bay. T. 6. S. R. 9 W.

Chain a mound of Stone $1\frac{1}{2}$ ft.
high 2 ft. base around foot
From which

a Palo Fierro 6 ins. diam
br. N $62\frac{1}{2}^{\circ}$ W 110 lks. dist.

marked T. 6. S. R. 10 W. S. 36. B. 5.

a Palo Verde 9 ins. diam
br. N 22° W 188 lks. dist.

marked T. 6. S. R. 10 W. S. 36. B. 5.

a Mesquite 3 ins. diam. br.
S $31\frac{1}{2}^{\circ}$ E. 1 ch. dist. marked

T. 7. S. R. 9 W. S. 6. B. 5

Land level

Soil 2nd/₇ rate

South Bay. T. 6. S. R. 9 W.

From the Cor. to Tps 6 & 7. S.
Rs. 8 & 9. W. the 2nd/₇ Guide
Meridian, recently establish

Touch Bdy. Tps. 6. S. & 9W

claims by me

I run West on a random line, return said township the variation of my compass being $13^{\circ} 10' E$.

I set temporary half mile and mile corners at each 40 and 80 chs., and find the township line to be 6 miles 7 chs. 35 lks. long, and the falling to be 40 lks. of the line to Tps. 6 & 7, R. 9 & 10 W.

The correction for the true line will therefore be 7 lks S. per mile. and its course will be $N 89^{\circ} 57' E$.

South Bay, Twp. 6. S. R. 9. W.

Chains From the Cor. to Tps. 6 + 7. S.

Rs. 9 + 10 W.

I run.

N 89° 57' E. on a true line
bet. Secs 6 + 31

S 9. 15° 20' E.

2.68 Wagon Road bis E + W

5.28 S. P. R. R. in curve

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

89.35 Set a post 4 ft. long 4
mis. square with marked
stone 12 mis. in the ground

South Bay, Twp. 6. S. R. 9. W
 chains for cor. to Secs 5, 6, 31 & 32
 marked

S. 6. S. S. 32 on N.E.

R. 9. W. S. 5. on S.E.

S. 7. S. S. 6. on S. W. ^{2nd}

S. 31. on N. W. faces with
 1 notch on W. and 5
 notches on E. 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 post.
 Land mostly Malpais
 Soil 4th rate

N 89° 57' E. on a true
 line bet. Secs 5 & 32

South Bay, Twp. 6 S. R. 9 W

Chanis

T₉. 13° 20' E.

- 3.00 Depot at Sentinel
Station S. P. R. R. basis
north
- 2.00 Wagon Road bis S.E. & N.W.
- 40.00 Set a post 3 ft. long 3
ms. square with marked
stone 12 ms. in the ground
for 14 Sec. Cor. marked 14
S. on N. face, dug pits
18 x 18 x 12 ms. 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.
- H2.00 Wagon Road from Sentinel
to Ajo Mining Camp bis
N.W. and S.E.
- 80.00 Set a post 4 ft. long 4 ms

South Bay. T₆. S. I. R. 9. W

chain's vis. square with
marked stone 12 ins.
in the ground for
lev. to Secs. 4, 5, 32 & 33
marked

T₆. S. I. 33. on N.E.

R 9 W S 4. on S.E.

T₇. S. I. 5. on S.W. end

S 32. on N.W. faces with
2 notches on W. and
4 notches on E. edges
dug pits 15 x 15 x 12
ins. in each Sec. 5th
ft. dist. and raised
a mound of earth
2 ft. high 4¹/₂ ft. base
around post

Land level meso

Soil: 1st/₄ rate.

South Bay, Twp. 6. S. R. 9. W

Line N 89° 57' E. on a true line
bet. Sec 4 + 33

Va 13° 20' 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
N. 40. on N. face, dug pits
18 x 18 x 12 ins. E and W
of post 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 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 3, 4, 33 + 34
marked

T. 6. S. S. 34. on N. E.

South Bay, Twp. 6. S. R. 9 W

chains R. 9. W. S. 1 S. on S. E.

T. 7. S. S. 4. on S. W. End

S. 33. on N. W. faces with
3 notches on E. + 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 first

Land level mesa

Soil 1st rate

N 89° 57' E. on a true
line bet. Secs 3 + 34

N 91° 20' E

40.00 Set a frost 3 ft. long
3 ins. square with
marked stone 12 ins.

South Bdy. T. 6. S. R. 9. W.

Stakes in the ground for 4 Sec.
 cor. marked 40. on N. face
 dug pits 18x18x2 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 2, 3, 34 + 35
 marked.

T. 6. S. 35. on N. E.

R. 9. W. 2. on N. E.

T. 7. S. 3. on N. W. End

40 ft. on N. W. faces with
 4 notches on W. and 2
 notches on E. edges. deep
 pits 18x18x2 ins. in each

South Bay. Tfr 6. D. R 9. W

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

Land level mesa

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

$N 89^{\circ} 57' E$. on a true line
bet. Secs 2 + 35

$Va 13^{\circ} 15' E$

40.00 Set a frost 3 ft. long
3 ins. square with marked
stone 12 ins. in the
ground for 14 Sec. cor
marked 14 P. on W. face
dug pits $18 \times 18 \times 12$ ins.
East W. of frost $5\frac{1}{2}$ ft.
dist. and raised a

South Bdy. T6. S. R 9. W

Charris 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 loc. to Secs 1, 2, 35 + 36
 marked

T6. S. S 36. on N.E.

R 9. W. S. 1. on S.E.

T7. S. S 2. on O. W. End

S 35. on N.W. faces with 5
 notch on W. and 1 notch
 on E. edges, seeg fits 18x
 18x12 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

Land level mesa

Oil $1\frac{1}{2}\%$ rate

South Bdy. Tps. 6, S. R. 9, 20

chains N 89° 57' E. on a true line
bet. Secs 1 + 36

N 91° 10' E

40.00 Set a post 3 ft. long
ins. square with marked
stone 12 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 in. 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 The Cor. to Tps. 6 + 7. South
Rs. 8 + 9 west

Land level mesa

Soil 1st rate

Oct. 8 - 1892

T. 6. S. R. 9. W

Line	Course	Distance	Latitude		Departure		Sum
			of	S	E	of	
of Body	N 88° 58' 11" W	488.10	8.80			488.10	
"	S	480.45		480.45			
"	N 89° 25' E	489.35	.40		489.30		
"	E	470.60	470.60				
Emergency							
Totals			479.80	480.45	489.00	488.56	1.46
Error in Latitude			479.80	480.45	488.56	488.56	even in Departure
				0.65	1.74		

West. Bdy. Twp. 7 O. R. 9. 20

chains ^{Oct. 17-} From the cor. to Twp. 6 & 7

S. R. 9 & 10 W. I run

South bet. Secs. 1 & 6

^{error reading my gage} S. 13. 20 E.

1.00 Wagon Road bet. E & W

4.60 S. P. R. R. bet. S 43° 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 1/4

S. on W. face, and raised a mound of stone 1 1/2 ft. high 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 1. 6. 7 & 12 marked

T. T. S. S. 6. on N. E.

West Bdy. Tfr. 7 S. R 9, W.

chain R 9. W. S. 7. on S. E.

R 10 W. S 12 on S W. End

St. on N. W. faces with
1 notch on N. and 5 notches
on S. edges. and raised
a mound of stone $1\frac{1}{2}$ ft.
high 2 ft. base around post
Land Rolling Malpais
Soil 4th rate to worthless

South bay. Secs. 7 & 12

T 9 13° 10' E.

Over rolling Malpais and
gravel Ridges

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

West Bdy. T^p 7. D. R 9. W.

chain's face, and raised a mound of stone $1\frac{1}{2}$ ft. high 2 ft. base around post 50.00 Set a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for lev. to Secs 7. 12. 13 & 18 marked

T 7. D. 7. on N.E.

R 9. W. 18. on S.E.

R 10 W. 13. on S. W. End

D 12. on N. W. faces with 2 notches on N. and 4 notches on S. edges. dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base around post

West Bdy. T₁. 7. S. R 9. W

minus Land rolling Malpais
gravel

Soil 4th rate to worthless

South bet. Secs 13 + 18

Va. 14° E

6.50 Wash 30 wide course N.W
and continue over Rolling
Malpais

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 S
on W. face, and raised a
mound of stone 1 1/2 ft. high
2 ft. base around post

50.00 Foot of Ridge and ascend

80.00 Set a post. 4 ft. long 4 ins

West Bdy. T. 7. S. R. 9. W

chain is. square with marked
stone 12 ins. in the ground
for loc. to Secs 13, 18, 19 & 24
marked

T. 7. S. 18. on N.E.

R. 9. W. S. 19. on S.E.

R. 18. W. S. 24. on S.W. ^{End}

S. 13. on N.W. faced with
3 notches on N. + S. edges
and raised a mound
of stone $1\frac{1}{2}$ ft. high 2 ft.
base around post.

From which

a Palo Verde 6 ins. diam
br. N 70° E. 95 etc. dist.

marked T. 7. S. R. 9. W. S. 15 B.T.

Land Rolling Malpais
Soil 4th rate to worthless

West Bdy. T_h. 7. S. R 9. W.

chain South bet. Secs 19 + 24

To 14° 05' E.

ascending

4.00 Top of Macfairs. and descend

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. on W. face, and raised
a mound of stone 1 1/2 ft.
high 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 + 30
marked

O 7. S. 19. on N.E.

R 9. W. 30. on S.E.

R 10. W. 25. on S.W. and

West Bdy. Tfr. T. S. R. P. W
 chains and S 24 on N. W. faces
 with 4 notches on N. and
 2 notches on S. 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 post

Land Malpais
 Soil 2nd/₁₁ to 4th/₁₁ rate

South bet. Secs 25 + 30

Pa. 14° 30' E

Over Rolling Malpais

17.00 Leave Malpais

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

West Bdy. Tfr. 7 S. R 9 W

chain for 14 Sec. cor. marked
 114 S. 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

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 7 S. S 30. on N. E.

R 9 W. S 31. on S. E.

R 10 W. S. 36. on S. W and
 S 25. on N. W faces with
 5 notches on N. and 1 notch
 on S. edges. dug pits 18 x
 18 x 12 ins. in each Sec. 5 1/2

West Bay. Twp. 7 S. R 9. W

chain's ft. dist. and raised a
mound of earth 2 ft
high $4\frac{1}{2}$ ft. base around ^{fresh}
Land Malpais + Mesa
Soil 2nd + 3rd rate

South bet. Secs 31 & 36

Sta. $14^{\circ}05'E$

23.00 Leave Mesa + Enter Malpais

40.00 Set a fresh 3 ft. long 3
ins. square with
marked stone 12 ins.
in the ground for 114
Sec. cor. marked 1140
on W. face, and raised
a mound of stone $1\frac{1}{2}$ ft
high 2 ft. base around fresh

57.00 Leave Malpais

West Bdy. Tpe. 7. O. R. 9. W

Charris

80.00

Set a post 4 ft. long 4
ins. square with marked
stone 12 ins. in the ground
for lev. to Tpe 7 & O. R.
9 & 10. West. marked

O. T. D. S 31 on N.E.

R 9 W. S. 6. on S.E.

T 8 S. S 1. on S.W

R 10. W. S 36. on N.W. faces

with 6 notches on each

edge. ~~diag.~~ feet 24 x 18 x

12 ins. lengthwise on each

line ^{N. S. & W. of post} 6 ft. dist. and raised

a mound of earth 2 1/2 ft.

high 5 ft. base around post

South Bdy. Tps. 7. S. R. 9. W

chains

Land mesa + Malpais
Soil 2nd to 4th rate

South Bdy. Tps. 7. S. R. 9. W

From the lev. to Tps. 7 & 8
S. R. 8 & 9. West.

I run West on a random
line, between said Tps.
The variation of my compass
being 12° 46' E.
I set ^{temporary} half mile and
mile corners at each 40
and 80. chs., and find the

BOOK 1613

South Bdy. Tps. 7, 8. R. 9, 10

chain township line to be 6 miles
 9 chs and 50 lks. long
 and the falling to be
 45. lks. N. of the cor. to
 Tps. 6 + 7. South Rs. 9 + 10. West
 The correction for the true
 line will therefore be 7
 lks. South per mile and
 its course will be
 $N. 89^{\circ} 54' E.$

From the cor. to Tps. 7 + 8
 S. Rs. 9 + 10. West

Run

$N 89^{\circ} 54' E.$ on a true line
 bet. Secs 6 + 31

$\angle A. 13^{\circ} 20' E.$

43.00 Leave mesa and enter
 meadows

49.50 Set a post 0 fl. long 0 ins

South Bay, T. 7, S. R 9, W

Chain's Square with marked
stone 12 ins. in the
ground for 114 Rec. cor
marked 114 S. on N. face
and raised a mound
of stone $11\frac{1}{2}$ ft. high 2 ft
base around post

89.50 Set a post 4 ft. long
4 ins. square with
marked stone 12 ins.
in the ground for cor
to Secs 5, 6, 31 + 32. marked
T. 7, S. 32. on N.E.

R 9, W. 5. on S.E.

T. 8, S. 6. on S.W. ^{2nd}

S 31 on N.W. faces with 1
notch on W. and 5 notches
on E. edges. aug pits 18×15
 $\times 12$ ins. in each Rec. $5\frac{1}{2}$ ft.

South Bdy. T. 7. S. R. 9 W

chain dist. and raised a
 mound of earth 2 ft
 high 4 1/2 ft. base around
 post. From which
 a Palo Verde & mesquite
 br. N. 55° E. 65. lks. dist.
 marked T. 7. S. R. 9. W. S. 32. B. 5
 Land mesa & mesa
 Soil 2nd to 4th rate

N. 89° 57' E. on a true line
 bet. Secs 5 and 32

T. 9 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 14
 on N. face, and raised a

South Bay. T. 7. S. R. 9 W

chain mound of stone $4\frac{1}{2}$ ft.

high 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 loc. to Secs 4, 5, 32 + 33
 marked

T. 7. S. S. 33. on N. E.

R. 9. W. 4. on S. E.

T. 8. S. S. 5. on O. W. End

S. 32. on N. W. faces with
 2 notches on W. and 4
 notches on E. edges. dug
 pits $18 \times 18 \times 12$ ins. in
 each Sec $5\frac{1}{2}$ ft. dist. and
 raised a mound of
 earth 2 ft. high $4\frac{1}{2}$ ft.
 base around post

Land Rolling Malpais

South Bdy. T_h. 7. S. R. 9. W

chains and mesa

Soil 1st rate

N 89° 57' E. on a true
line bet. Secs 4 & 33

Va. 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 P. on N. face
dug pits 18 x 18 x 12 ins
E and W. of post 5 1/2 ft.
dist. and raised a
mound of earth 1 1/2 ft
high 3 1/2 ft. base around
post
- 80.00 Set a post 4 ft. long 4 in

South Bay, T_h. 7 D. R 9, W

debris ins. Square with marked
stone 12 ins. in the
ground for Cor. to Secs
3, 4, 33 + 34, marked
T. 7. D. 34. on N. E.
R 9. W. ~~33~~ 33 on S. E.
T. 7. D. 4 on S. W. ^{2nd}
S 33. on N. W. faces with
3 notches on E + W. edges
dug pits 18 X 18 X 12 ins
in each Sec. 5 1/2 ft. dist. ^{2nd}
raised a mound of earth
2 ft. high 4 1/2 ft. base
around post

Land mostly mesa
a little surface gravel
Soil 1 2/3 rate

South Bdy. T.P. 7. S. R. 9. W

chain N $89^{\circ}57'E$ on a tree
line bet. Secs 3 + 34
T₉ 140 06'E.

40.00 Set a post 3 ft. long
ins. square with marked
stone 12 ins. in the ground
for 14 Sec. cor. marked
1140. on N. face, dug pits
18x18x12 ins. E. and W. of
post $5\frac{1}{2}$ ft. dist. and
raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post

80.00 Set a post 4 ft. long
4 ins. square with
marked stone 12 ins.
in the ground for cor
to Secs 2, 3, 34 & 35. marked
T.T.D. 35. on N. E.

Smith Bdy. T₁ S. R 9. W

Chavis Range 9. W. S 2 on S. E.

T. & S. S 3 on S. W. End

S 34. on N. W. faces with
4 notches on W. and 2
notches on E. 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 mostly mesa
a few patches of
mudflats

Soil 1st rate

N 89° 57' E. on a true
line bet. Secs. 2 + 35

Va. 14° 06' E.

South Bay, T.P. 7 S. R 9.20

laminis

40.00 Set a post 3 ft. long 3 ins square with marked stone 12 ins. in the ground for $\frac{1}{4}$ Sec. cor marked $\frac{1}{4}$ S. on N. face dug pits $15 \times 15 \times 12$ ins E & W. of post $5\frac{1}{2}$ ft. dist and raised a mound of earth $1\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft base around post

48.00 Leave mesa and enter Malpais

80.00 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.P. S. 36. on N. E.

South Bdy Tfr. 7. O. R. 9 W

chamis R 9. W. S 1 on S. E.

5888 2. on S. W. End

S 35. on N. W. faces with
5 notches on W. and 1
notch on E. edges. dug
pits 10 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 post

a Malpais Cone N. W.
of the center of Sec. 36
about 200 ft. high
with radiating ridges
looks like an old crater

Land mesa + Malpais

Soil 1st + 3rd rate

South Bdy. Tps. 7, 8, R 9, W

10.00 $N 59^{\circ} 57' E$ on a tree line
bet. Secs 14 & 36

$Va 14^{\circ} 06' E$

10.00 Leave Malpais

10.00 Set a post 3 ft. long 3 in. square
with marked stone 12 in. in
the ground for "4 sec. cor
marked "4 on N. face, dug
pits 18x18x12 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

44.50 Enter Malpais & Foot of Malpais point

48.00 Top of Malpais point

50.00 The cor. to Tps. 7, 8, R. 8, W
Land Mesa & Malpais
Soil 4 $\frac{1}{2}$ to worthless

Took latitude at noon Oct 18/92

Line	Course	Distance
N. Bay	South	480.00
S. Bay	N 89° 57' E.	489.50
E. "	North	480.00
Or "	S 89° 57' W	489.33
Convergence		

Totals

Latitude		Departure	
N.	S.	E.	W.
	480.00		
.42		489.50	
480.00			
	.42		489.33
			.46
480.42	480.42	489.50	489.79
480.42		error in Departure	489.50
.00			0.27

East Bdy. Tps. 6. S. R. 8. W.

Jan. 25
 Chamis From the closing Cor. to
 Tps. 6. S. Rs. 7 & 8 W 76 -
 cently established by me.
 I run
 South bet. Secs. 1 & 6.

S. 9. 13° 15' E

12.95 Wash 50 lks. wide course
 East. Descend over rolling
 ground.

29.50 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.

42.50 Foot of Ridge and ascend

52.50 Top of Rocky Ridge bet. S.
 Easterly 300 ft. high

East Bay, T. 6. S. R 8 W

hamis and descend abruptly.

66.95 Wash 50 lbs. wide course
eastward

69.50 Set a post 4 ft. long 4 in
square with nabked straw
2 ins. in the ground
for Cor. to Secs. 16, 7 & 12
marked,

T. 6 S. S. 6 on N. E.

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

R. 8 W. S. 12 on S. W and

S. 1. on N. W. faces with 1
notch on N. and 5 notches
on S. edges and raised
a mound of stone $1\frac{1}{2}$ ft.
high. 2 ft. base around
post.

Land mountainous & rough
Soil poor

East Bay, Tfr. 6. O. R. 8. W

chains South bet. Secs. 7 + 12
 Va. $18^{\circ}15' E.$

15.00 Along East. pt. Rocky Bluff.

40.00 Set a post 3 ft. long 3 in
 equal with marked stone
 2 in. in the ground

for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ S. on W. face and
 raised a mound of
 stone $\frac{1}{2}$ ft high 2 ft. base
 around post

44.50 Foot of slope + wash
 15 lbs. wide course N. E.
 Ascend

68.70 Top of Ridge very rocky descend
 100 ft. high bro. S. E. + N. W.

78.50 Foot of Ridge

80.00 Set a post 4 ft. long
 4 in equal with

East Bdy. T. 6. S. R. 8 W

marked stone 12 in. in
the ground for cor. to
Seco. 7, 17, 18 & 18.

marked

T. 6. S. S. 7 on N. E.

R. 7 N. S. 18 on S. E.

R. 8 W. S. 18 on S. W. and

S. 12 on N. W. faces with
2 notches on N and 4

notches on S. edges and
raised a mound of

stone 1 1/2 ft. high 12
ft. base around post

Land 35.50 cks. Mountainous

" 44.50 " Rolling

Soil worthless.

East Bay. Twp. 6. S. R. 5W

Chanis Smith Lot. Secs. 13 + 18

1/4 13° 15' E.

50 Wash 20 yds. wide course
S. E. and Foot of slope +
ascend

21.50 Top of Rocky Bluff Painted
Rock Runy and descend.

27.00 Foot of Bluff gradually descend to S.

40.00 Set a post 3 ft. long 3 ins
square with marked
stone 17 ins. in the ground
for 1/4 Sec. cor. marked
1/4 S. on W. face dug
pits 18 X 18 X 17 ins N. + 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

East Bdy. T. 6. S. R & W

chassis square with marked stone
 12 ins. in the ground for Cr.
 to Secs. 13, 18, 19 + 24 marked
 T. 6. S. S. 18 on N. E.
 Q. 7 N. S. 19 on S. E.
 Q. 8 W. S. 24 on S. W. and
 S. 13 on N. W. faces with 3
 notches on N. and S. edges.
 dig 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 77 chs. Mountainous
 " 53 " Rough
 Soil 2nd + 4th grade

East Bay. Twp. 6 S. R. 8 W

Chanis South lat. Secs. 19 + 24
Pa. $13^{\circ} 14' E$.

Descending very gradually to
South

33.60 Wagon Road cor. Easterly + Westerly

34.50 S.P.R.R. cor. S. $69^{\circ} W$.

40.00 Set a post 3 ft. long 3 in.
square with marked stone
17 ins. in the ground for
 $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ S.
on N. face. dug pits $8 \times 8 \times$
17 ins. N. + 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
in square with marked
stone 17 ins. in the

East Bdy. T. 6. S. R. 8 W

Chains ground. for Cor. to
Secs. 19, 24, 25 & 30
marked

T. 6 S. S. 19 on N. E.

R. 7 W. S. 30 on S. E.

R. 8 W. S. 25 on S. W. and

S. 24 on N. W. faces with

4 notches on N. edges

and 2 notches on S.

Each pit 18 X 18 X 2 in.

in each. Sec. 3 1/2 ft. dist

and raised a mound

of earth 2 ft. high

14 1/2 ft. base around

post

Land mostly level

Soil 1st rate slightly

Malpais gravel

East Bdy. T. 6. S. R. 8 W

Chain South bet. Secs. 25 + 30

Va. $13^{\circ} 16' E$.

Descending very gradually to South
 40. 00 Set a post 9 ft. long 3 ins. square
 with marked stone 12 ins. in
 the ground for $\frac{1}{4}$ Sec. cor. (marked
 $\frac{1}{4}$ S. 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 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 around post.

80. 00 Set a post 4 ft. long 4 in square
 with marked stone 12 ins. in
 the ground for Cor. to Secs. 25,
 30, 31, + 36 marked
 T. 6. S. S. 30 on N. E.
 R. 7 W. S. 31. on S. E.
 R. 8 W. S. 36 on S. W. and
 S. 25 on N. W. faces with 5-

East Bdy. Twp. 6. S. R. 8 W

Chains notches on N and 1 notch on
S edges dug pits 18X18X17 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
Soil 1st rate

South bet. Secs. 31 & 36

Ta. 13° 16' E.

4000 Descending gradually to South
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 pit
18X18X17 ins. N. & 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.

East. Bdy. Twp. 6. S. R. 8 W

Chains

80.00

Set a post $4\frac{1}{2}$ ft. long 4 ins. square with marked stone 17 ins. in the ground for Cor. to Tps. 6. + 7. S. Ro. 7 + 8 W. marked T. 6. S. S. 31. on N. E. R. 7 W. S. 6 on S. E. T. 7. S. S. 1 on S. W. and R. 8 W. S. 36 on N. W. faces with 6 notches on each edge. dug pits 24 X 18 X 12 ins. long 6 in. wide on each line N. S. E + W. of post. 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high 5 ft. base around post.

Land level mesa
Soil 1st rate.

U. S. Surveyor-General's Office,

TUCSON, A. T., March 4 1887

The foregoing Field Notes of the Surveys of
 The W. & S. Bdy. T. 6. S. R. 9. W. W. & S. Bdy.
 T. 7. S. R. 9. W. E. Bdy. T. 6. S. R. 8. W.

of the Gila and Salt River Meridian
 in Territory of Ariz. executed by
 Lewis Wolfley

U. S. Deputy Surveyor, under his contract dated
May 26th 1892

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

R. M. Jones

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