

copied

1.

1614

1614

BOOK 1614

4-671

FIELD NOTES
OF
GENERAL LAND OFFICE.

Re Establishment
of West and North bound-
aries of Tp 7 South II West
and South boundaries of
Sp: 7 S. Rs. 12. 13 and 14 West.
Arizona

by Lewis Hobbey, D.S.
under contract

Dated, January 16, 1833.
Survey commenced April 17, 1833
Survey completed April 26, 1833

North	"	"	"	"	"	"	"	17	"	50
South	"	"	"	"	"	12	"	"	31	" 43
"	"	"	"	"	"	13	"	"	44	" 56
"	"	"	"	"	"	14	"	"	57	" 70

Re-establishment
West and North
of the T.S.R.N.W.

BOOK 1614															18	20	22	24	26	28
															11	5	4	3	2	1
															12	13	7			
<i>D.S.R. 14th</i>					<i>D.S.R. 13th</i>					<i>D.S.R. 12th</i>					<i>D.S.R. 11th</i>					
															13	11	18			
															24	9	19			
															25	7	30			
35	36	31	32	33	34	35	36	31	32	33	34	35	36	4	31					
<i>59 57 54 52 50 48 46 41 41 39 37 35 32 1</i>																				
															BOOK 1614					

boundaries of
3 x 14. W.
of the
Salt. R.
and Me
Territory

As surveyed by
Lewis Walfle
U.S. Depu
Under Contract
Dated Jan'y 16

1614

BOOK 1614

Field Notes
Of the
Re-establishment of the
West and North boundaries
of Tps. 7 S. R. 11 W. also the
South boundaries of Tps. 7 S.
Rs. 12, 13 & 14 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 Contract No. 75
Dated July 16 - 1893

Survey commenced April 17th
" completed April 29/1893

Retrace and Re-establish

chains Before commencing
 the retracement of this
 line I test my Solar
 by the sun at noon and
 find the latitude to be
 $32^{\circ}45'$. the variation $13^{\circ}45'E$
 and my instrument
 being in perfect adjust-
 ment. See page 187-
 2^d ~~Standard~~ Parallell South
 from the closing cor.
 to Secs. 1 and 2, T. 5. S.
 R. 12. W. as heretofore
 described, and having
 found that the course to
 Secs. 35 and 36, is $N89^{\circ}55'W$
 I run
 $N89^{\circ}55'E$ on South vdy
 of sec. 36.

D. Bdy. Tps. 7. S. R. 12. W. 22

charis

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

5.570 No signs of old $\frac{1}{4}$ Sec. cor. but find the bearing trees as described in the field notes of the Surveyor-General. I re-establish the cor. by setting 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 $18 \times 18 \times 12$ ins. E and W. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $11\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post.

75.57 I find faint traces of the old cor. to Tps. 7. S. R. 11 + 12 W. on line, but no trees. I therefor

Okunio re-establish the cor. by
 setting a from $4\frac{1}{2}$ ft.
 long 4 ins. square with
 marked stone 12 ins.
 in the ground for cor
 to Tps. 9 S. R. 11 & 12 W
 marked

T 7. S. on N

R 11. W. 031 on E. end -

R 12 W. 036. on W. faces
 with 6 notches on N. E. W
 faces and raised a
 mound of stone $1\frac{1}{2}$ ft.
 high 2 ft. base around foot

Pits impracticable
 Land Malpais
 Soil $4\frac{1}{2}$ rate

Retrace + Re-establish

BOOK 1614

West. bdy. Twp. 7. South R. 11 West

Chambers
 Show the Cor. just desciled
 from
 North
 bet Secs. 31 + 36

Va 14° E.

ascend stony ridge

16.00 Top of ridge bro. Easterly
 and Westerly and descend

25.50 Foot of ridge

40.00 I find faint traces of old
 1/4 Sec. Cor. on line. also

bearing trees as described
 in the field notes furnished
 by the Surveyor General

I therefore re-establish the
 cor. by setting a post 3 ft.
 long 3 ins. square with
 marked stone 12 ins. in the
 ground for 1/4 Sec. Cor.

Retrace + Re-establish West Body.

Stakes marked 114 S. on W. face
 dug pits 15 x 5 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 I find faint traces
 of the old Cor. to Secs
 25, 30, 31 + 36 on line
 also bearing trees as
 described in the field
 notes furnished by the
 Surveyor-General I therefore
 re-establish the Cor. by
 setting a post 4 ft. long
 4 ins. square with marked
 stone 12 ins. in the ground

Tp. 7. South Range 11 West
Chain for cor. to Secs 25. 30. 31 & 36
marked

T 7. S. 30 on N.E.

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

R 12. W. S. 36. on S.W. End

S 25. on N.W. faces with 1
notch on ^{E.} and 5 notches
on N. ^{E. faces} edges. dug pits 15x15
x 12 ins. in each sec 5 1/2 ft
dix. and raised a mound
of earth 2 ft. high 4 1/2 ft.
base around post

Land 25. 50 Chs. Mountains

" 54. 50 " Malpais

Soil Worthless

Scattering Mesquite and Palo
Verde

Retrace and Re-establish West Bay

Davis

North bet Secs 25 + 30.
Sta 14⁸.

40.00 I find faint traces of the old 114 Sec. cor. on line also bearing true as described in the field notes furnished by the Surveyor General. Therefore re-establish the cor. by setting a post 9 ft. long 3 ins square with marked stone 12 ins. in the ground for 114 Sec. cor marked 14 on W. face dug pits 10 x 10 x 12 ins N and S of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft.

Tp. 7 South Range 11 20th
 Main high 3 $\frac{1}{2}$ ft. base around post
 80.00 I find faint traces of the
 old Cor. to Secs. 19, 24, 25 and
 30 on line and no trees

I therefore re-establish the
 Cor. by setting a post 4 ft.
 long 4 ins. square with
 naked stone 12 ins. in
 the ground for Cor. to Secs
 19, 24, 25 and 30 marked

T 7. S. S 19. on N.E.

R 11. W. S 30. on S.E.

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

S 24. on N.W. faces with 2
 notches on ^E and 4 notches
 on N. ^E edges, dug pits 18x18
 x 12 ins. in each Sec. 5 $\frac{1}{2}$
 ft. dist. and raised a
 mound of each 2 ft. high 4 $\frac{1}{2}$

Retrace and Re-establish West Body

chains base around frost
 Land nearly level
 Soil 1st/₁₁ + 3rd/₁₁ rate
 Scattering Mesquite + Iron
 wood brush

North bet Secs. 19 and 24
 Va 14° E

40.00 No. signs of old 1/4 Sec cor.
 Re-establish the cor.
 by setting a frost ft.
 long 3 ins. square with
 marked stone 12 ins. in
 the ground for 1/4 Sec cor
 marked 1/4 E. on W. face
 dug pit 18 x 18 x 12 ins. hole
 of frost 5/2 ft. dist. and

Tr. 7 South Range 11 West

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

80.00 I find faint traces of the
old cor. to Secs. 13, 15, 19, 24
on line I then for re-establish
the cor. by setting a post
4 ft. long 4 ins. square with
marked stone 2 ins. in the
ground for cor. to Secs
13, 15, 19, 24. marked

7. S. S. 15. on N.E.

R 11. W. S. 19. on S.E.

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

S 13. on N.W. faces with 3
notches on N^E End & E^E edges ^{faces}
each fits 18 x 18 x 12 ins. in
each Sec. 5 1/2 ft. dist. and
raised a mound of earth

~~Return~~ And Re-establish West Body

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

Land nearly level

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

Scattering Mesquite +
greasewood brush

North lot Secs 13 + 18
T₁₄ 14⁰⁸.

40.00 I find faint traces of
the old $\frac{1}{4}$ Sec. cor. on line
I therefore re-establish the cor
by setting 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 15x
15x12 ins. N and S. of post

Twp 7 South Range 11 West

72.60 *skani* 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.

72.60 Southern Pacific Rail Road br.
N. 81° 10' E.

Aztec Station brs S. 81° 10' W. 55 chs.

72.70 Wagon road br. E. & W. 50 chs.

8000 I find faint traces of the old cor. to Secs. 7, 12, 13 & 18 cor. line I therefore re-establish the cor. by setting 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. 7. on N. E.

R 11. W. 18. on S. E.

R 12. W. 13. on S. W. End

S. 12. on N. W. faces with

Retrace and Re-establish West Boundary

Chains 4 notches on S and 2
 notches on N ^{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 frost

Land nearly level

Soil 1st/₄ rate

Scattering Mesquite +
 greasewood brush

North bet Secs 7 and 12

Ta. 14th E.

33.00 Wash course Northerly

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

Op. 7 South Range 11 West
 the cor. by setting 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 18x18x12 ins. N. & S
 of post $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 $1\frac{1}{2}$ ft. high $2\frac{1}{2}$ ft. base
 around post

80.00 I find faint traces of
 the old cor. to Secs. 1, 6, 7 & 12
 on line. I therefore re-estab-
 lish the cor. by setting 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. 7 S. 6. on N. E.

Retrace and Re-establish West. bdy.

Okaviss R 11. W. S. 7. N. O. E.

R 12. W. S. 12. N. O. W. and

S. on N. W. faces with

5 notches on S. and 1

notch on N. ^{E. & S.} faces, dug

cuts 18 x 18 x 12 ins. in

each Sec 5 1/2 ft. dist. and

raised a mound of

each 2 ft. high 4 1/2 ft.

base around post

Land rolling + level

Soil 1 1/2 + 3 1/2 rate

Scattering Mesquite brush

North bet Secs 1 + 6

79 14° E

4.50 Wash 20 lps. wide course N.W.

5.50 Road bet N.E. + S.W.

Tr. 7 South Range 11 2022

Chains

40.00

I find faint traces of the
old $\frac{1}{4}$ Sec. cor. on line

I therefore re-establish the
cor. by setting a post $3\frac{1}{2}$ 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 and S of post $5\frac{1}{2}$ ft.

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

around post. no tree within ^{limit}

80.00

I find faint traces of the
old cor. to Trs. 6 & 7, South

Rs. 11 and 12, W. on line

I therefore re-establish

the cor. by setting a post
 $4\frac{1}{2}$ ft. long 4 ins. square

17

BOOK 1614

Retrace and Re-establish
West Bdy. Twp. 7 S. R. 11 West

Chain with marked stone
12 vis. in the ground
for cor. to Twp. 6-7. S. R.
11-12. W. marked

T. 6. S. 131 on N.E.

R 11 W. 06. on S.E.

T. 7. S. 11. on S.W. and

R 12. W. 06. on N.W. faces
with 6 notches on ^{face} each
edge, dug pits 24x10x12
vis. lengthwise in each
line N. S. E. or W. of from 6
ft. dist. and raised a
mound of earth 2 1/2 ft.
high. 5 ft. base around frost
Land rolling
Soil poor
Scattering Palo verde + greasewood
brush

Faint traces visible in rotten spots -

Retrace and Re-establish
North Bdy. Tps. 7 S. R. 11 West

From the cor. to Tps. 6-7
S. Rs. 11 and 12 West

just described

From

East Sect. Secs 6 and 31

Ta 14° E.

21.10 Road less N + S.

31.00 Road less N.E. + S.W

35.10 I find faint traces of old
1/4 Sec. cor. on line I therefore
re-establish the cor. by setting
a post 3 ft. long 3 in. square
with marked stone 12 ins
in the ground for 1/4 Sec
cor. marked 1/4 on N. face
dig pits 15 x 15 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

Retrace and Re-establish North Body

Chains

78.10 No signs of old cor. to
 Secs. 5-6, 31, and 32, I therefore
 re-establish the cor. by
 setting a post 4 ft. long
 4 in. square with
 marked stone 12 in. in
 the ground for cor. to
 Secs 5-6, 31 + 32, marked
 T6, S. & 32. on N.E.
 R11, W. & 5, on S.E.
 T7, S. & 6, on S.W. and
 S 31. on N.W. faces with
 1 notch on ^{N.} W and 5
 notches on ^{E. faces} E. edge
 dug pits 10 x 18 x 12 in
 in each sec 5 1/2 ft. dist
 and raised a mound of
 each 2 ft. high 4 1/2 ft. base

Tr. 7 Smith Range 11 West
 nails around post
 Land level near
 Soil 1st/₁₁ rate
 Scattering Mesquite + Sage
 brush

East bet Secs 5 and 32
 of a 14° E.

40.00 I find faint traces of the
 old 1/4 Sec. cor. on line I
 therefore re-establish the Cor
 by setting a post 2 ft. long
 3 in. square with marked
 stone 12 in. in the ground
 for 1/4 Sec. cor. marked #41
 on N. face deep pits 18 x 18 x 12
 in. E. & W. of post 5 1/2 ft. dist
 and raised a mound of

Retrace End Re-establish North ~~Line~~

Chain earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post

80.20 I find faint traces of
the old cor. to Secs 4, 5
32 and 33 on line. I there-
fore re-establish the cor
by setting 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 6. S. S 33 on N. E.

R 11. W. S 4. on S. E.

T 7. S. S 5. on S. W. End

S 32. on N. W. faces with
2 notches on ^{N.} W. and 4
notches on ^{N.} E. ^{faces} edges. dug
posts 18 x 18 x 12 ins. in each
Sec $5\frac{1}{2}$ ft. dist. and raised

Th. 7 South Range 11 West
 is a mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base around post
 Land level mesa
 Soil $1\frac{1}{2}$ rate
 Scattering Mesquite brush

East bet. Decs. 4 and 33
 Fa 14° E.

6.00 Yuma and Maricopa Co
 line, post 60. 1 ch. North
 40.00 I find faint traces of the
 old $1/4$ Dec. cor. on line
 I therefor re-establish the
 cor. by setting a post 3 ft.
 long 3 ins. square with stone
 12 ins. in the ground for
 $1/4$ Dec. cor. marked $1/4$ on N
 face, dig pits $15 \times 15 \times 12$ in

Retrace and Re-establish North boundary

chain E and W. 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

80.00 I find faint traces of
the old cor. to Secs 3. 4
33 and 34 on line I
therefor re-establish the
cor. by setting 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
T 6. S. S 34. on N. E.
R 11. W. S 3. on S. E.
T 7. S. S 7 on S. W. and
O 33. on N. W. faces with
3 notches on ^{N.} E. & ^{N.} W. edges

Tr. 7. South Range 11 West

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

Land level mesa

Dial 1st/₄ rate

Scattering Mesquite brush

East bet Secs 3 and 34

Ta 14° E

40.00 I find faint traces of
old 1/4 Sec. cor. on line I
therefore re-establish the
cor. by setting a post
3 ft. long 3 in. square with
marked stone 12 in. in the
ground for 1/4 Sec. cor. marked

Retrace and Re-establish North body.

Charris 114 S. on N. face, aug pits
 15 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 I find faint traces of
 the old cor. to Secs 2. 3. 34
 and 35. on line I therefore
 re-establish the cor. by
 setting a post 4 ft. long
 4 ins. square with
 marked stone 12 ins. in
 the ground for cor. to Secs
 2. 3. 34 and 35 marked
 T. 6. S. 1 35. on N. E.
 R. 11. W. 1 2. on N. E.
 T. 7. S. 1 3. on S. W. and
 S. 34. on N. W. faces with

Tr. 7, South Range 11 West

Chains 4 notches on W. and 2
 notches on E. ^u ⁵ ^{faces} ~~edges~~. Deep
 pits 18 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 level near
 Soil 1 1/4 rate
 Scattering Mesquite brush

East-let Secs 2 and 35-

Pa 14° E

H.O. 00 No signs of old 1/4 Sec. cor
 I therefore re-establish the
 cor by setting a post 3 ft.
 long 3 ins. square with
 marked stone 12 ins. in the

27

Retrace and Re-establish North body

Chain ground for 1/4 Sec. Cor
marked 1/4 S. on N face
dug pits 18 x 18 x 12 ins
E & W of first 5 1/2 feet
and raised a mound
of each 1 1/2 ft. high 3 1/2 ft.
base around first

52.50 Old Road Cro N End P.

80.00 I find faint traces of the
old cor. to Secs. 1, 2, 35 & 36
in line I therefore re-estab-
lish the cor. by setting a
first 4 ft. long 4 ins. square
with marked stone 12
ins. in the ground for
Cor. to Secs. 1, 2, 35 and 36
marked

T 6 S. 1 36. on N. E.

R 11. W. S. 1. on N. E.

Tr. 7 South Range 11 West

Masson Tr. 1 S 2 on NW end

S 35 on N.W. face with 5
notches in ^{u.} W. and 1 notch
on ^{u.} E. ^{edges} dug pits 18x
18x12 ins. in each Sec
5th ft. dist. and raised
a mound of earth 2 ft.
high 4th ft. base around
pits.

Land level mesa

Sail 1st/₁₁ rate

Scattering of rosewood
bush

I tested my solar by the
sun at noon and found
the latitude to be 32° 50'

See page 1 April 17-1893

Retrace and Re-establish North betw.

Okanis East bel. Secs 1 and 36

Va. $14^{\circ}E$.

40.00 I find faint traces of the old 114 Sec. cor. on line I therefore re-establish the cor. by setting a post 3 ft. long 3 ins. square with marked stone 12 ins. in the ground for 114 Sec. cor. marked $114D$ 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 $11\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post

80.00 I find faint traces of the old cor. to Twp. 6 + 7. S. R. 10 + 11. W. on line I therefore re-establish the cor. by setting a post $4\frac{1}{2}$ ft. long

Faint traces consisted in rotten posts -

Tps. 7 South Range 11 West

Churnin 4 ins square with marked
stone 12 ins. in the ground
for cor. to Tps. 6 and 7 S.

R. 10 + 11. W. marked

T 6. S. S. 31. on N.E.

R 10. W. S. 6. on S.E.

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

R 11. W. S. 36. on N.W. faces with
6 notches on each ^{face} edge. dug
furts. 24 x 18 x 12 ins. length -
wise on each line N. S. E. + W

of fresh 6 ft. dist. and raised
a mound of earth 2 1/2 ft.
high 5 ft. base around fresh
Land level mesa

Soil 1 1/2 rate

Scattering Mesquite brush

April 17th 1893

Retrace and Re-establish South beley.

Skanis It is necessary to retrace
 and re-establish the Bounda-
 ries of Tps. 7. S. Rs. 12, 13, & 14
 West before surveying
 the other exterior lines
 the signs being so nearly
 obliterated and in many
 instances entirely gone
 and owing to the
 closings of the lines
 from the South being
 more than 3 chs. and
 requiring closing cor's
 I mark them for survey
 on the North only. Faint signs
 consisted of posts more or less rotten -
 I return to the Cor. to
 Tps. 7. S. Rs. 11 and 12 W.
 as recently re-established by me

Tr. 7. South Range 12 West

~~chain~~ and run

S $89^{\circ}50'W$. on S bdy. of Sec 36
 S $13^{\circ}45'E$

Descending over broken
 Malpais slopes

40.00 The $\frac{1}{4}$ Sec. cor. recently
 re-established by me

80.00 The cor. to Secs. 35 and 36
 as recently re-established
 by me

Land Malpais
 soil $1\frac{3}{4}$ rate

S $89^{\circ}50'W$. on S. bdy. of Sec 35
 S $13^{\circ}45'E$.

along Malpais slopes

10.00 Land Malpais and enter
 mesa

Retrace and Re-establish South Bdy

Chains

40.00

I find faint traces of the old $\frac{1}{4}$ Sec. cor. on line I therefore re establish the cor. by setting 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 face, dug pits 15 x 15 x 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 Seco. 34 and 35 marked

Tp. 7 South Range 12 West

Sec 35 on E End

34 on W. face with 2 notches

on E and 4 notches on W

face dug pits 18x18x12 in

N. E. & W. of foot 5 1/2 ft. dist.

and raised a mound of
earth 2 ft. high 4 1/2 ft. long
around foot

No signs of old cor. except.

an old rotten bearing tree

Land mostly level

Soil 3rd rate

Scattering Ironwood
brush

Retrace and Re-establish South Bdy.

Claims S89°50' W. on S. bdy. of Sec. 34
 Va N130°45' E

Along Malpais S. Slopes

18.00 Top of low ridge 5 chs wide

40.00 I find faint traces of the
 old 1/4 Sec. cor. on line I
 therefor re-establish the
 cor. by setting a post 3 ft.
 long 3 ins. square with
 marked stone 12 ins in
 the ground for 1/4 Sec. cor
 marked 1/4 W. on N. face
 dug pits 18x, 8x12 ins. E & 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. and old rattle becoming true
 and ascend gradually

55.00 Top of ridge 100 ft. high

Twp. 7 South Range 12 West

chain
 63.00
 80.00

bars N. and S. End descend

Foot of ridge and over gravel

I find faint traces of the
 old Cor. to Secs. 33 & 34 on line

I therefore re-establish the Cor-
 ley setting a post 4 ft. long
 4 ins. square with marked
 stone 12 ins. in the ground
 for Cor. to Secs. 33 & 34 marked
 T 7. S. R 12. W. on N

34 on E. End

33 on W. face with 3
 notches on E & W. faces. dug
 pits 18 x 18 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 &
 and all rotten bearing trees
 as described in the field notes

Retrace and Re-establish South Bay

Chains furnished by the Surveyor General

Land 35' chs. mesa

" 45" gravel

Soil 1st and 4th rate

Scattering Ironwood and

Palo verde

$S 87^{\circ} 50' W.$ on S. bdy. of Sec 33

$79 \frac{1}{3}' 45' E$

14.00 Leave gravel and enter mesa

40.00 I find faint traces of the old 1/4 Sec. cor. on line also bearing true as described in the field notes furnished by the Surveyor General
Re-establish the cor. by

The 7 South Range 12 West

James setting 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 18 x 18 x 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. lease around post

80.00 I find faint traces of the old cor. to Secs. 32 + 33. on line also bearing true as described in the field notes furnished by the Surveyor General I re-establish the cor. by setting a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for cor. to Secs. 32 + 33. marked

Retrace and Re-establish South Bdy.

Chains T. S. R 12. W. on N

S 33. on E. End

S 32. on W. faces with
with 4 notches on E. End
2 notches on W. faces, dug
fute 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 foot

Land level mesa

Soil 1 2/3 rate

Scattering grasswood

S 89° 50' W. on S. bdy. of Sec. 32

79 15' 45" E.

40.00 No signs of old cor. or line
therefore re-establish the cor

7th South Range 12 West

by setting a post 3 ft. long
3 ins. square with marked
stone 12 ins. in the ground
for 1/4 Sec. cor. marked 1/4
W. on N. face, dug pits 18x18
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 I find faint traces of the
old cor. to Secs. 31 & 32 on line
I therefore re-establish the
cor. by setting a post 3 ft.
long 3 ins. square with
marked stone 12 ins. in the
ground for cor. to Secs. 31 & 32
marked

T. T. R. 12. W. on W

S 32. on E. End.

Retrace and Re-establish South Bdy
 chain S 31. on W. faces with 1
 notch on W. and 5 notches
 on E. edges dug pits 18×15
 $\times 12$ 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 level mesa
 Soil sandy loam 1st rate
 Scattering grasswood and
 Sage brush

$S 89^{\circ} 55'$ W. on S. bdy. of Sec. 31
 Va $N 13^{\circ} 45'$ E.

40.00 No signs of old $1/4$ Sec. cor.
 I thenfor re-establish
 the cor. by setting a post

Tps. 7 South Range 12 West
 Chain 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, dug pits
 $18 \times 18 \times 12$ ins. E+W. off 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

78.53 I find remains of old
 post and pits. A line
 of old cor. to Tps. 7. S. Co.
 $1/2$ and 13. W. I destroy all traces
 of old corner and re-estab-
 lish it by setting a post
 $4 \frac{1}{2}$ ft. long 4 ins. square
 with marked stone 12 ins
 in the ground for cor to
 Tps. 7. S. Co. 12 + 13. W.
 marked

43

BOOK 1614

Retrace and Re-establish
South Bdy. Tr. 7. D. R 12. West.

Chain T. S. on N.

R 12. W. S 31. on E End

P 13 W S 36 on W. face with
with 6 notches on N. E. W
face dug pits 24x18x
12 ins. crosswise on each
line N. E. W. of post 6 ft.
dist. and raised a
mound of earth 2 ft. off.
high 5 ft base around
post

Land level mesa

Soil sandy loam 1st rate

Scattering grasswood + Sage brush

I tested my solar by the
sun at noon and found
the latitude to be 32° 45'

See page 1

Retrace and Re-establish
South Bdy. Twp. 7. S. R. 13. W. Sec.

From the cor. to Twp. 7. S.
Rs. 12 and 13. West just
described

I run

$S 89^{\circ} 50' W$ on S. bdy. of Sec. 36
to a $13^{\circ} 45' E$

40.00 No signs of old $1/4$ Sec. cor.
I re-establish the cor. by
setting 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 deep pits $18 \times 18 \times$
 12 ins. E. W. of post $5 \frac{1}{2}$ ft.
dirt and raised a mound
of earth $11 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft
base around post

76.50
80.00 I find faint traces of the
old cor. to Secs. 35 and 36

Retrace and Re-establish South Bdy.

chain on line. I then for re-
establish the cor. by setting
a post 4 ft. long 4 ins
square with rounded
stone 12 ins. in the ground
for cor. to Secs 35 and 36
marked

T. J. R. / 3. W. on N

36. on E. End

35 on W. face with
1 notch on E and 5
notches on W. faces. dug
pits 18 x 18 x 12 ins. N. &
+ 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 mesa

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

Tp. 7 South Range 13 west

Chamis Scattering greasewood and
Sage brush

$189^{\circ}50'W.$ on S. bdy. of Sec
35

$79^{\circ}13'45'E$

40.00 No signs of old $1/4$ Sec. cor
I re-establish the cor. by
Setting 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 dug pit 18x15
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. cube around post

Retrace and Re-establish South Bay

Chemin

79.95 I find faint traces of
the old cor. to Secs 34+35-
on line I therefore re-
establish the cor. by setting
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. 13 W. on N

S 35. on E. end

S 34. on W. face, with
2 notches on E. and 4
notches on W. faces. dug
pit 18 x 18 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

Tp. 7 South Range 13 West

chain post

Land level mesa

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

Scattering greasewood and
Sage Brush

S 87° 50' W. on E. bdy. of Sec. 34
Th 13° 45' E

40.00 No signs of old 1/4 Sec. cor.
I re-establish the cor. by
setting 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, dug pits 18 x
18 x 12 ins. E. & W. of post 5 1/2
ft. dist. and raised a mound

Retrace and Re-establish South Bdy.

Chains of each $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.

77.25 Base around post

80.25 I find faint traces of the old cor. to Secs. 33+34 on line. I therefore re-establish the cor. by setting a post 4 ft. long 4 ins square with marked stone 12 ins. in the ground for cor. to Secs 33+34 marked

T. D. R 13. W. on N

D 34. on E. end

D 33. on W. faces with 3 notches on E. and W.

faces. dug pits $18 \times 18 \times 12$ 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

The 7 South Range 13 west
 chains around post

Land level mesa

Soil sandy loam 1st rate

Scattering grasswood and
 Sage brush

S 89° 50' W. on S. bdy. of Sec. 33
 To 13° 45' E

40.00 No signs of old 1/4 Sec. cor
 I re-establish the cor by
 setting 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. E. W. of post 5 1/2 ft. dist
 and raised a mound of
 earth 1/2 ft. high 3 1/2 ft. base

Retrace and Re-establish South Bdy

chain base around post

80.05^{76.75}

I find faint traces of the old cor. to Secs 32 and 33 on line I therefore re-establish the cor. by setting a post 4 ft. long 4 ins square with marked stone 12 ins. in the ground for cor. to Secs 32 & 33 marked

T 7. O. R 13. W. on N

D 33. on E. End

D 32. on W. faces with 4 notches on E. and 2 notches on W. faces dug pits 15 x 15 x 12 ins. N. & W. of post 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base around ^{post}.

The 7 South Range 13 West

Chains Land level mesa

Soil sandy loam 1st/₄ date

Scattering. greasewood

and Sage brush

S 89° 50' W. on S. bdy. of Sec. 32

Hq 13° 45' E.

29.00 Southern Pacific Rail Road
Cor. N 65° 42' E.

32.00 Wagon Road from Crystal
to Rte. Cor. N. E. & S. W

40.00 No signs of old 1/4 Sec. cor.
I re-establish the cor. by
setting 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, dug pits 18x18

Retrace and Re-establish Lynch Bay.

chains 12 ins. E + W. of first $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft.

76.80 base around post

80.00 I find faint traces of old corr. to Secs. 31 + 32 one line I therefore re-establish the corr. by getting a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for corr. to Secs 31 and 32 marked

T. 7. S. R 13. W. on N

O 32. on E. end

O 31. on W. faces with 5 notches on E. and 1 notch on W. faces dug pits

$15 \times 15 \times 12$ ins. N. E. + W. of

Th. 7 S. Range 13 West

Charris post 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 sandy loam 1 1/2 rate
Scattering greasewood
and Sage Brush

S 89° 50' W. on C. bdy. of Sec 31
Ta 13° 45' E.

38.64 Enter clearing of the South
Gila Canal

Crystal at N.E. corner
of claim

End along N. edge of
clearing

Retrace and Re-establish South Bay

Stations

- 40.00 No signs of old $\frac{1}{4}$ Sec. Cor
I re-establish the cor by
setting a post 3 ft. long
3 ins. square with marked
stone 12 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ Sec. P. 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
 $11\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
around post
- 65.00 Crystalline reservoir
building just North
- 76.50
78.50 I find faint traces of
old cor. to Tps. 7 South
Rs. 13 and 14 W. on line
I then re-establish the

The 7 South Range 13 West

Corner by setting a post
 4 1/2 ft. long 4 ins. square
 with marked stone 12 ins
 in the ground for cor. to
 Tps. 7 S. R. 13 and 14 W
 marked

T 7. S. on N

R 13. W. on E

R 14. W. on W. faces with
 6 notches on N. E. & W. faces
 dug pits 24 x 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 level mesa

Soil sandy loam phosphate
 Scattering grasswood & Sagebrush

Retrace and Re-established South Body

Chains From the cor. to Tps. 7 S
 Rs. 13 and 14 W. just described
 From

S $89^{\circ}50'$ W. on S. bdy. of Sec 36
 Va $13^{\circ}45'$ E.

Leave leaving

3.00 Old road bet. N.W. & S.E.

30.00 Enter broken mesa

40.00 No signs of old $\frac{1}{4}$ Sec cor

Re-establish the cor by

setting a post 3 ft. long

3 ins. square with marked

stone 12 ins. in the ground

for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$

P. on N. face dug pits 18×18

$\times 12$ 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

Tp. 7 South Range 14 West

Measure

- 60.00 Lean broken mesa and
enter lower mesa
- 74.00 Road bers N and S
- 80.10 I find old post left no
mound or pits of old
cor. to Secs. 35 and 36 on line
I therefor re-establish the
cor. by setting a post 4 ft.
long 4 ins. square with
marked stone 12 ins. in
the ground for cor. to Secs
35 and 36 marked
T 7. S. R. 14. W. on N
D 36. on E and
S 35. on W. faces with 1 notch
on E. and 5 notches on W
faces. dug pits 18 x 18 x 12 ins
N. E. & W. of post 5 1/2 ft. dist.

Retrace and Re-establish
South Bdy. T₁ 7 South R 14 West

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

Land 30 chs. broken

" 50. 10. " Mesa

Soil 1st and 2nd rate

Scattering mesquite and
grasswood brush

S 89° 50' W. on S. bdy. of
Sec. 35

Ta 13° 45' E

40.00 No signs of old 1/4 Sec. cor.
Re-establish the cor. by
setting 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