

1315

1315

P1

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

Tps. 12 and 13 N., R. 21 E., 16 N., R. 22 E., 17 N. Rgs. 20, 21 and 22 E., 18 N., Rgs. 17, 18 and 19 E., 19 and 20 N., R. 16 E., that portion of 5th Standard Parallel North from Cor. to 21 N., Rgs. 16 and 17 E., to closing Cor. Tps. 20 N., Rgs. 15 and 16 E., and exterior lines 14 N., Rgs. 9 and 10 E., and 18, 19, 20 and 21 N., R. 8 East.

Gila and Salt River Base and Meridian,

ARIZONA.

By John L. Harris, D. S. under contract dated April 28, 1879.
Survey commenced June 12, 1879.
Survey completed Sept. 16, 1879.

311 309 308 306 303

BOOK 1315

303

302

300

S. 217, R. 8 E 299

298

294 296

293

289 290 291

252 251

160

159

S. 207, R. 8 E

158

157

156

154

146 148 149 150 152 153

144

143

142

S. 177, R. 8 E

141

140

139

82 83 84 85 86 87

88

89

S. 157, R. 8 E

90

91

92

93

188

187

186

185

184

183 182

172 171

107

105 100 110 111 112 113

BOOK 1315

1315

BOOK 1315

25 24 23 22 21 19

18

17

16

S. 137, R. 21 E

15

14

13

12

11

10

S. 127, R. 21 E

9

8

7

6 5 4 3 2 1

51 70 69 68 67 65
 58 64
 63
 56 D. 20 N, R. 16 E. 62
 55 61
 54 60
 53 59
 52 51 50 49 48 46
 58 266
 58 265

BOOK 1315

57 D. 19 N, R. 16 E. 264
 56 263
 55 262
 54 261

~~23 232 270 269 268 267 251 250 249 248 247 246 243 242 241 240 239 238 235 224 223 222 221 220~~

252	257	207
253	236	218
254	235	204
255	234	216
256	233	215
257	232	214

~~258 259 260 245 244 231 230 229 228 227 226 213 210 211 210 209 204 200 199 198 197 195 194 181 180 179 178 177 176~~

198	195	169
192	174	168
191	173	167
190	172	166
189	171	165
188	170	164

BOOK 1315

187 186 185 184 183 182 174 173 172 171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152 144 143 142 141 140 139 138 137 136 135 130 132

BOOK 1315

D. 16 N, R. 22 E. 259

BOOK 1315

Index

Bet. T 12 N	Page 21 + 22 E	6
" T 11 + 12 N	" 21 E	11
" T 12 N	" 20 + 21	7
" T 13 N	" 20 + 21	13
" T 13 + 14 N	" 21 E	19
" T 16 N	" 22 + 23 E	26
South Bdry T 17 N	" 22 E	32
" " T 17 N	" 21 E	39
Bet. T 19 + 20 N	R 16 E	46
" T 20	" R 15 + 16 E	53
" T 20 N	" 16 + 17 E	59
South Bdry T 21 N	R 16 E	65
" " T 21 N	R 15 E	72
Establishing Closing Corner	T 20 N R 15 + 16 E	73
Bet. T 19 N	R 7 + 8 E	74
" T 18 + 19 N	R 8 E	82
" T 18 N	" 8 + 8 E	88
" T 17 + 18 N	" 9 E	94
" T 17 N	" 9 + 10 E	102
South Bdry. T 17 N	" 10 E	108
Bet. T 17 N	" 10 + 11 E	114

Index Cards

#2

BOOK 1315

Best T 17+18 N	R 10 E	120
South Side T 17 N	R 9 E	127
Best T 17 N	Range 8+9 E	133
Best T 19 N	Range 8+9 E	139
" T 19+20 N	" 8 E	146
" T 20 N	" 8+9 E	154
" T 17 N	" 21+22 E	164
" T 17 N	" 20+21 E	170
" T 17+18 N	" 21 E	176
South Side T 18 N	Range 20 E	182
Best T 17 N	Range 19+20 E	188
" T 17+18 N	" 20 E	194
" T 18 N	" 19+20 E	201
" T 18+17 N	Range 19 E	208
" T 18 N	" 18+19 E	214
18+19 N	19 E	220
17+18 N	18 E	226
18 N	17+18 E	232
18+19 N	18 E	238
- 17+18 N	17 E	244
18+19 N	17 E	246
18 N	16+17 E	252
- 17+18 N	17 E	258
18+19 N	16 E	261

Index Cont.

Bet T 18 & 19 N Range 16 E	268
" T 19 N " 15 & 16 E	274
South Bdy T 21 N R. 8 E	280
Tron. Line in T 21 N " 8 E	286
Bet. T 21 N R 8 & 9 E	302
" T 21 & 22 N R. 8 E	305

BOOK 1875

BOOK 1875 13

Preliminary Oaths of Assistants.

We, *Richard Shrope*
and *G. A. Oldshue*

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Richard Shrope
G. A. Oldshue
~~*G. A. Oldshue*~~

Sworn to and subscribed before me, this *31*
day of *May*, 187*9*

John R. Faull
Notary Public

We, *B. Palm, Geo. McNeal*
and Evaristo Saiz
 do solemnly swear that we will well and truly per-
 form the duties of *Assessor and*
Alagman respectively
 according to instructions given us, and to the best
 of our skill and ability.

B. Palm
Geo. McNeal
Evaristo Saiz

Sworn to and subscribed before me this *31*
 day of *May* 187*9*

John R. Taubell
 Notary Public



Preface.

10

No. 1315

In executing surveying contract of April 28, 1879, I was instructed by the Surveyor General of Arizona, under date - U.S. Surveyor General's Office, Tucson, Arizona, June 7, 1879, - to (in effect) make the closing corner to Tps. 16 N. ranges 21 and 22 E, of the Gila and Salt River Meridian, Arizona, my initial point of observation and work; to subdivide Tps. lying to the east of the range line terminating at said closing corner, as the needs of settlers should demand, - and thereafter survey townships along the Little Colorado river to the westward of said closing corner. Going to the vicinity of the

2

Preface.

Closing corner to Tps. 16 N. ranges
 21 and 22 E, and prosecuting
 inquiries and observations here
 I found that there were settle-
 ments in Townships 16 N. range
 22 E ^{on the Little Colorado;} and on Townships 12 and
 13 N. range 21 E. on Silver Creek,
 a tributary of the Little Colorado
 and that ~~there were no settle-~~
~~ments~~ in the remaining town-
 ships (the exterior of which had
 been run several years ago)
~~there were no settlements~~ lying
 to the E. of range line terminating
 at cor. to Tps. 16 N. ranges 21
 and 22 E, there were no set-
 tlements and not sufficient
 water in the Little Colorado or
 its tributaries for irrigation.
 therein.

Between Tps. 12 N. Rgs. 21 & 22 E.

Gila & Salt River Meridian

June 12, 1849.

No. I go then to the Standard corner
to Tps. 13 N. ranges 21 and 22
E, and find the corner as es-
tablished by Deputy Surveyor
C. B. Foster under his contract
of October 13, 1844, - a post with
mound of earth and pits, no
trees near. The post had fallen
down and I reset it in the mound,
cleaning the pits and renewing
the mound. Thence I run
West along 3^d Standard Parallel N.
var. $14^{\circ}45'$ E.

As per Bart's Solar Compass.

38.70 Road to Camp Apache ^{6th} N. & S.

40.00 The 14 sec. cor. on S. boundary of
section 36. Tp. 13 N. range 21 E.
I find this cor. as established by
Deputy Surveyor Foster under con-
tract of Oct. 13, 1844, - a post

Between Tps. 12 N., Ranges 21 & 22 E.

Gila & Salt River Meridian

41.41 No. with mound of earth and pits,
no trees near.

And by calculation of convergence at
41.41 I establish the closing corner to
Tps. 12 N. ranges 21 and 22 E.
Set a post, marked and notched
4 1/2 ft long, 4 in. sq. d. 1 ft in the
ground, drive charred stake and
build mound of earth 2 1/2 ft high,
with pits 1 ft. deep, 2 1/2 ft. long 1 1/2 ft
wide as per instructions. No trees near.

And from said closing corner run
South, between secs. 1 & 6,

var. 14° 45' E

As per Buell's Solar Compass

28.90 Road to E. 100

4000 Set a post, marked 1/4 S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high with pits 1 ft. deep.

Between Tps. 12 N. Rgs. 21 & 22 E.
Gila & Salt River Meridian

75.00 Set a post, 2 ft. long, 1 ft. wide, as per instructions
for 14 sec. cor. from which
a cedar 10 in. dia. br. West, 101 hrs. dist.
No other trees near.

80.00 Set a post, marked & notched, 4 ft. long,
3 in. sq. 1 ft. in the ground, drive charred
stake & build mound of earth 2 ft. high,
with pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions for cor. to sec. 1, 6, 7 & 12, from which
a Cedar, 12 in. dia. br. S. 50° W. 40 hrs. dist.
No other trees near.

Hatch's House br. S. 28½° W. from this cor.
Land unopen. Soil 1st rate. Scattering Cedars.

South, between sec. 7 & 12.
var. 14° 45' E.

21.43 Road br N. E.

34.00 Trail br. N. of E. & S. of W.

40.00 Set a post, marked 14 S. 4 ft. long, flat-
tomed 3 in. wide, 1 ft. in the ground,

Between Tps. 12 N. Rgs. 21 & 22 E.

Gila & Salt River Meridian

Rs. drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep 2
 ft long, 1 ft wide, as for instruction
 for 14 sec. cor. from which
 a cedar 10 in. dia. br. S. 65° E. 222 had dit
 No other trees near.

Hatch's House br. from this cor. S. 74 1/2° W.

8000 Set a post, marked and notched, 4
 ft long, 3 in. sq. 1 ft in the ground, drive
 charred stake and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
 as for instruction for cor. to Secs. 7, 12,
 13 and 18. from which

a cedar 12 in. dia. br. N. 63° W. 34 had dit

do. 10 " " " N. 38° E. 12 " "

do. 14 " " " S. 87° E. 14 " "

do. 12 " " " S. 70° W. 60 " "

Cor. at N. base of Knoll.

Land uncov. Soil good. Scattering
 Cedars.

Between Tps. 12 N. Rps. 21 & 22 E.
Gila & Salt River Meridian

Ths. South between secs. 13 & 18.
var. $14^{\circ}45'$ East.

Ascend N. point of Knoll to E.

- 2.00 Top of same and descend.
- 3.00 Foot on S. side.
- 4.19 Road to E. & W.
- 5.20 Acquia runs N. from S. of E. & S.
- 6.78 Silver Creek 42 hrs. wide flows N. of W.
- 32.75 Dam about 200 hrs. E.
- 35.60 Road over dam E & W, then N. W.
- 40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. No tree near.
- 41.47 Road N. of E. & S. W.
- 56.22 Silver Creek 125 hrs wide flows N. E.
- 80.00 Set a post, marked and notched, 4 ft long, 3 in. sqd, 1 ft in the ground, drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Sec. 13, 18, 19 and 24, from which a Cedar, 12 in. dia. to S. 80° E. 228 hrs. dist. No other trees near.
Land uneven. Soil stony. Scattering Cedars.

Between Tps. 12 N. Rgs. 21 & 22 E.
Gila and Salt River Meridian

Go South between sec. 19 & 24.

Run. 140°45' East.

- 2.50 Silver creek 80 lbs. wide flow N.W.
6.46 Silver creek 80 " " " N.E. bank
ing from N.W. - the line crossing N. edge of mead.
17.56 Childs creek, 20 lbs. wide, flows S.E. with
but little water in it.
23.00 House bro. E. 400 lbs. dist.
24.00 Another House bro. E. 500 " " dist.
24.50 Another House bro. W. 200 lbs. dist.
26.25 Road bro. N.W. + S.E.
35.00 Road bro. N.E. SW + S.
35.75 Acquia runs N.E. and cuts cultivated
ground, bro. N.E. + S.W.
40.00 Set a post, marked 14 E. 4 ft. long flattened 3 in.
wide, 1 ft. in the ground, drive turned stake
and build mound of earth 2 ft. high with
pile 1 ft. deep, 2 ft. long, 1 ft. wide, as per di-
rections for 14 sec. cor. from which
A Cedar 12 in. dia. bro. S. 71 1/2° W. 100 lbs. dist.
No other trees near.
41.36 Acquia runs N.W. and leaves cultivated ground
bro. E. + W.
49.23 Acquia runs N.E. and cuts cultivated ground
bro. N.E. + S.W.
55.31 Silver creek 50 lbs. wide bro. N.E.
62.45 do. do. 40 " " " N.W.
67.76 Acquia runs N.W.
71.16 Fence and leaves cultivated ground, bear N.W. + N.E.
77.42 Acquia runs N.E. and cuts cultivated
ground, bro. N.E. + S.W.

Between Tps. 12 N. Rgs. 21 & 22 E.
Gila & Salt River Meridian

Sts. *Continued*

80.00 Set apart, marked & plotted, 4 ft long, 3
in. sq. 1 ft in the ground, drive charred stake
and build mound of earth 2 ft high, with pit
1 ft deep, 2 ft long, 1 ft wide, as per instructions
for cor. to Secs. 19, 24, 25 and 30. No trees near.
Land level. Soilstrate, Scattering Cedars.

North between Secs. 25 & 30.
on 14th 45' East.

- 5.00 Silver creek, 40 lbs. wide, flows N.E. and
leave cultivated ground br. N.E. & S. of it.
- 13.23 Silver creek 46 lbs. wide, flows N. W.
- 21.58 Silver creek 100 lbs. wide, flows N.E.
dam and acequia head at point of
contact - the acequia br. N. W.
- 26.10 Silver creek 74 lbs. wide, flows N.E.
- 27.00 Wanslee's house br. W. 700 lbs. dist.
- 30.00 Enter cultivated ground br. N.E. & S. W.
- 40.00 Set apart, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive charred stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 14 sec. cor.
from which
a cedar 20 in dia. br. N. 30° W. 77 lbs. dist.
No other trees near.
- 40.40 Acequia runs N. W.
- 50.00 Leave cultivated ground br. N.E. & S. W.
- 54.21 Silver creek 60 lbs. wide flows N. W.

Between Tps. 12 N. Rgs. 21 & 22 E.

Gila & Salt River Meridian

Chs. Continued -

- 55.03 Branch creek 10 lbs wide, flows N.W.
and runs into Silver creek
- 57.51 Road br. E & W, and ascend
brown hills br. E & W & N.W.
- 80.00 Set apart marked and marked, 4 ft long,
3 in. sq. d. 1 ft in the ground, and build mound
of stones 2 ft high, as per instructions
for cor. to Secs. 25, 30, 31 & 36, from which
a Cedar, 20 in. dia. br. N. 86° W. 50 lbs. dia.
do. 30 " " S. 40° E. 80 " "

No other trees near.

Land level 1 strata, - then hilly, from
Scattering Cedars.

North. between Secs. 31 & 36.

var. 140° 45' East.

On high table.

Hoos Set apart marked 14 S. 4 ft long.

flattened 3 in wide, 1 ft in the ground,
lime charred stone and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 14 sec.

cor. from which

a Cedar 21 in. dia. br. South 15 lbs. dia.

Between Tps. 12 N. Rps. 21 & 22 E.

Gda & Salt River Meridian

Continued

No. No other trees near.

8000 Set apart, marked and notched, 4 1/2
 ft. long, 4 in. sq. d. 1 ft. in the ground,
 and build mound of stones 2 1/2
 ft. high, as per instructions for cor. to
 Tps. 11 and 12 N. Rps. 21 & 22 E.
 from which

A Cedar, 14 in. dia. b. S. 57 1/2° W. 66 hrs. dist.

do. 30 " " " S. 39° E. 60 " "

do. 25 " " " N. 88° E. 60 " "

do. 26 " " " N. 48° W. 91 " "

Land stony table. Soil poor.
 Considerable scrub cedar timber.

June 12. 1849

Between Tps. 11 & 12 N. Range 21 E.
Gila & Salt River Meridian

Ths. From the cor. to Tps. 11 & 12 N. Rps. 21 & 22 E. Sec.
West on true line bet. secs. 1 & 36.
var. $14^{\circ} 44'$ East.

As per Curtis Solar Compass.

40.00 Set a post, marked 14 S. 4 ft. long, flattened
3 in. wide. 1 ft. in the ground, and build a
mound of stones 2 ft. high, as per instruction
for 14 sec. cor. from which
a Cedar, 10 in. dia. tr. S. 85° E. 10 hrs. dist.
No other trees near.

80.00 Set a post, marked & bolted, 4 ft.
long, 3 in. sq. 1 ft. in the ground and build
mound of stones 2 ft. high, as per instruc-
tion for cor. to Secs. 1, 2, 35 and 36.
No trees near.

Land descending W. Some
good soil. Scattering Cedars.

Between Tps. 11 & 12 N. Range 21 E.

Gila Salt River Meridian

No. West corner line bet. sec. 2 & 35.
var. 14° 44' East.

4000 Set a post, marked 14 S. 4 ft long.

flattened 3 in. wide. 1 ft in the ground
and build mound of stones 2 ft high,
as per instructions for 14 sec. cor.

from which

a Cedar 12 in. dia. br. S. 49° W. 120 lbs. dia.

No other trees near.

48.69 Road to Fort Apache br. S. E. N. W.

80.00 Set a post, marked 3 notched, 4 ft long.

3 in. sq. 1 ft in the ground, and build
mound of stones 2 ft high as per in-
structions for cor. to sec. 2, 3, 34 and
35. from which

a Cedar, 20 in dia. br. N. 52 1/2° W. 25 lbs. dia.

do. 12 " " " N. 48° E. 53 " "

do. 18 " " " S. 79° W. 43 " "

No other tree near.

Stony table land. Soil poor.
Scattering Cedars, Pine Cones

Between Tps. 11 & 12 N., Range 21 E.
Gila & Salt River Meridian

No. Nest on true line bet. secs. 3 & 32 of
var. 140° 47' East

18.60 Chiles creek 20 lbs. wide flows N of
N. then W. running along to N. of
line for some 22.00 chs. then turns N & NE.

40.00 Set a post, marked 1/4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground
and build mound of stones 2 ft. high
as per instructions for 1/4 sec. cor. from which
a Pinon. 14 in. dia. 60. N. 60° E. 35 lbs. dist.

do. 10 " " " S. 70° E. 37 " "

8000 Set a post, marked & isolated 4 ft. long,
3 in. sq. 1 ft. in the ground, and build a
mound of stones 2 ft. high, as per in-
structions for cor. to Secs 3, 4, 33 and
34. from which

A Cedar, 20 in. dia. 60. S. 25° W. 36 lbs. dist.
No other trees near.

Land broken. Mostly poor soil
Scattering Cedar & Pinon trees.

Between Tps. 11 & 12 N. Range 21 E.
Gila & Salt River Meridian

Sta West on true line between. 4 & 33

777. 144 4/4 East.

40.00 Set a post, marked 4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
drive chert stone & build mound of earth
2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for these cor. from which
A Cedar 15 in. dia. br. S. 60° W. 105 lbs. dist.

No other trees near.

8000 Set a post, marked and numbered, 4 ft.
long, 3 in. sq. ed. 1 ft. in the ground, drive
chert stone and build mound of earth
2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.
wide as per instructions for cor. to Secs
4, 5, 32 and 33, from which

A Cedar, 14 in. dia. br. S. 81° W. 28 lbs. dist.

A Piñon, 12 " " " N. 68° W. 86 " "

No other trees near.

Land rolling. Some good soil
Scattering Cedar and Piñon,
Pine Grass.

Between Tps 11 & 12 N. R. 21 E
Gila Salt River Meridian

No. 11 set out two line bet. sec. 5 & 39
var. 14° 47' East

4000 Set apart, marked 14 S. 4 ft long, flat-
tened 3 in. wide, 1 ft. in the ground,
dwarf charred stone and built mound
of earth 2 ft high with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for 44
sec. cor. from which

A Pinon 4 in. dia. br. East 13 Sec. dia.
No other trees near.

79.25 Road br. N. & S.

8000 Set apart, marked and notched,
4 ft long, 3 in. sq. 1 ft. in the ground,
and built mound of stone 2 ft
high, as per instructions for cor. to
secs. 5, 6, 31 and 32 from which

A Cedar, 10 in. dia. br. S. 40° E 22 Sec. dia.
A Pinon, 12 " " " S. 20° W. 45 " "

No other trees near. Pine Grass
Land broken Soil Poor. Scat. Cedar & Pinon.

Between Tps. 11 & 12 N. Range 21 E
 Gila & Salt River Meridian

78.00 West on track line between C & B 1
 var. 144 4/7 East.

40.00 Set apart, marked 1/4 in. 4 ft long, flattened
 3 in wide, 1 ft in the ground, drive charred
 stake and build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 1/4 sec. cor. from which
 a Cedar 18 in. dia. 60. S. 88° E. 20 lbs. dist.
 No other trees near.

And allowing 147 lbs. for consequence - at

78.53 Set apart, marked & notched, 4 1/2 ft long,
 4 in. sq. d. 1 ft in the ground, drive charred stake
 and build mound of earth 2 ft high with pits
 1 ft deep, 2 1/2 ft long, 1 ft wide, as per
 instructions for cor. to Tps. 11 & 12 N. Rgs.

20 & 21 E. from which

a Cedar 20 in. dia. 60. S. 50° N. 126 lbs. dist.

do. 18 " " " N. 25° N. 194 " "

do. 22 " " " N. 16° E. 200 " "

do. 16 " " " S. 17° E. 107 " "

Land rough. Soil poor. Scattered Cedar,
 Pine and Pinon timber. Pine Grass.

June 13. 1879

Between Tps. 12 N. Rgs. 20 & 21 E
 Gila & Salt River Meridian

No. From the co. to Tps. 11 & 12 N. Rgs. 20 & 21 E. Sec
 North between sec. 31 & 36
 var. $14^{\circ} 48'$ East

As per Burt's Solar Compass

40.00 Set a post, marked 14 S. 4 ft. long, flattened 3
 in. wide, 1 ft. in the ground, drive charred
 stake & build mound of earth 2 ft. high, with
 pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
 structions for 14 sec. cor. No trees near.

80.00 Set a post, marked and related 4 ft. long
 3 in. sqd. 1 ft. in the ground, drive charred stake
 and build mound of earth 2 ft. high, with pit
 1 ft. deep, 2 ft. long, 1 ft. wide as per instructions
 for cor. to sec. 25, 30, 31 and 36, from which
 a cedar 12 in. dia. to S. 5° E 17 hrs. dist.
 do. 24 " " " N. 30° E. 41 " "

No other trees near.

Land Rolling. Some good soil.
 Scattered Cedars. Pine Groves

Between Tps. 12 N. 20 & 21 E
Gila & Salt River Meridian

Tps. North, between sec. 25 & 30.
var. 14° 48' East.

4000 Set a post, marked 14 S. 4 ft long, flat-
tired 3 in. wide, 1 ft in the ground, drive
charred stake and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 4 sec. cor. from which
a Cedar, 12 in. dia br. S. 30° W. 22 lbs. best.

do 10 " " S. 60° E. 35 " "

80.00 Set a post, marked and notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive charred stake
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for cor. to sec. 19, 24, 25 & 30. from which
a Piñon 8 in. dia br. S. 12° E. 50 lbs. best.
No other trees near.

Land Rolling. Some good soil
Scattering Cedar and Piñon timber.
Fine grass.

Between Tps. 12 N. Rgs. 20 + 21 E.
Gila & Salt River Meridian

No. North, between sec. 19 & 24
var. 14.48' East.

4000 Set apart, marked 14 S. 4 ft long, flat-
tired 3 in. wide, 1 ft. in the ground, built
chared stone and built mound of earth 2 ft.
high, with pits 1 ft. deep, 2 ft long, 4 ft wide,
as per instructions for 14 sec. cor.

No trees near.

5000 Dry. creek 70 yds wide bro. N.E.

8000 Set apart, marked and notched, 4 ft.
long, 3 in. sq. 1 ft. in the ground and
built mound of stones 2 ft high, as
per instructions for cor. to sec. 13, 18,
19 and 24.

No trees near.

Land rolling. Some good soil
Pine Grass. Scattering Cedar timber.

Between Tps. 12 N. Rgs. 20 & 21 E.
 Gila & Salt River Meridian

No North, between us. $13\frac{1}{2}$ 18
 var. $14^{\circ} 48'$ East.

4000 Set apart, marked 14 S. 4 ft long, flat-
 tued 3 in wide, 1 ft in the ground, two
 charred stave and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for 14 sec. cor. from which
 a Cedar, 9 in. dia. br. East 15 hrs. dist.
 No other trees near.

8000 Set apart, marked & notched, 4 ft long
 3 in. sq. 1 ft in the ground, two charred
 stave & build mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
 structions for cor. to Secs 7, 12,
 13 and 18.
 No trees near.

Land rolling. Some good soil.
 Fine Grass, Scattered Cedars.

Between Tps. 12 N. Rgs. 20 + 21 E.
Gila Salt River Meridian

Sec. North between secs. 7 and 12
was. $14^{\circ} 48'$ East.

31.06 Road cro. E + W + N. E.

4000 Set a post, marked 74 S. 4 ft long. flat-
topped 3 in. wide, 1 ft in the ground, and
chamfered stone and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 74 sec. cor. from which
a Cedar, 10 in. dia. br. S. 70° W. 122 lvs. dist.
No other trees near.

80.09 Set a post, marked 8 isolated 4 ft long,
3 in. sq. d. 1 ft in the ground, and build a
mound of stone 2 ft high, as per in-
structions for cor. to secs. 1, 6, 7 and
12. No trees near.

Land rolling. Some good soil.
Scattering Cedars. Fine Grass

Between Tps. 12 N. Rgs. 20 + 21 E.

Gila & Salt River Meridian

Tps. North between secs. 1 & 6.
var. $14^{\circ}48'$ East.
4000 Set a post marked $4\frac{1}{2}$ ft long, flat-topped 3 in. wide, $1\frac{1}{2}$ ft in the ground, dove shaped stone and build mound of earth 2 ft high, with pits $1\frac{1}{2}$ ft deep, 2 ft long, $1\frac{1}{2}$ ft wide, as per instructions for 1/4 sec. cor. No trees near.

55.40 Dry stream 50 hrs. wide hrs. E
79.00 Intersect 3^d Standard Parallel N., 42.00
chs. N. of Arizona Standard cor. to Tps. 13
N. Rgs. 20 + 21 E. Set a post, marked
and notched, $4\frac{1}{2}$ ft long, 4 in. sq. d. $1\frac{1}{2}$ ft in
the ground, dove shaped stone and build a
mound of earth 2 ft high, with pits $1\frac{1}{2}$ ft deep,
2 ft long, $1\frac{1}{2}$ ft wide, as per instructions
for closing cor. to Tps. 12 N. Rgs. 20 + 21 E. from which
a Cedar, 13 in dia. hrs. S. 25° W. 24 + 2 hrs. dist.
No other trees near.
Land Rolling then level. Some 1st & 2^d class soil.
Scattering Cedars.

June 13, 1879

Between Tps. 13 N., Rgs 20 & 21 E.
Gila & Salt River Meridian

Chs The Standard cor. to Tps. 13 N., Rgs. 20 & 21 E. found standing as established by Deputy Surveyor Foster, under his contract of Sep. 13, 1874, being a Post with mound of earth 2 ft. high and 6 in. wide. A Cedar 18 in. dia. br. S. 69° W. 54 lbs. dist. And from this cor. I run

North, between Secs. 31 & 36.

Var. 140° 39' East

Respect Quitt's Solar Compass.

19.00 Road br. N. of W. & S. of E.

40.00 Set apart marked 14 S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, drive charred stake and build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 4 ft. wide, as the instructions for 74 sec. cor. from which

A Cedar 12 in. dia. br. S. 5° W. 8 lbs. dist.

do. 9 " " West, 34 " "

80.00 Set apart, marked & notated 4 ft. long, 3 in. sq. d. 1 ft. on the ground, drive charred stake and build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to Secs. 25, 30, 31 and 36, from which

A Cedar 8 in. dia. br. S. 20° E. 67 lbs. dist.

do. 9 " " N. 74° W. 100 " "

No other trees near.

Land rolling. Some good soil.

Considerable Cedar timber. Fine Grass

Between Tps. 13 N. Rgs. 20 & 21 E.
Gila & Salt River Meridian

7000 North between secs. 25 & 30
var. 14839' E.
4000 Set apart, marked 4 ft long, flattened
3 in wide 1 ft in the ground, dove chanced stone
and build mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per instructions for
4 sec. cor. No trees near.

8000 Set apart, marked & notched, 4 ft long,
3 in wide, 1 ft in the ground, dove chanced
stone & build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 19, 24, 25 & 30
from which

A Cedar, 11 in. dia. br. S. 10° E. 123 br. dist.
No other trees near.

Land rolling & descending N.
Some good soil. Scattering Cedars.

Between Tps. 13 N. Rps. 20 & 21 E
Gila & Salt River Meridian

Loc. North between sec. 19 & 20
var 14° 39' E

4000 Set apart, marked 14 ft. long, flattened
3 in. wide, 1 ft. in the ground, drove charred
stave & built mound of earth 2 ft. high
with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions for 14 sec. cor. from which

A Cedar, 12 in. dia. br. East 36 lbs. dit.
do. 12 " " N. 60° W. 65 "

8000 Set apart, marked and notched,
4 ft. long, 3 in. sq. 1 ft. in the ground, drove
charred stave & built mound of earth 2 ft.
high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions for cor. to sec. 13, 18, 19 and
20, from which

A Cedar, 12 in. dia. br. N. 40° E. 164 lbs. dit.
No other trees near.

Sand Rolling and level. Some good soil.
Scattering Cedars. Good Grass

Between Tps. 13 N. Rgs. 20 & 21 E

Gila & Salt River Meridian

Tps. North between secs. 18 & 18.

var. 14° 39' East

40.00 Set apart marked 14 S 4 ft long flattened
3 in wide. 1 ft in the ground, drove charred stake
and built mound of earth 2 ft high with pits
1 ft deep, 2 ft long, 1 ft wide, as per instructions
for 14 sec. cor. from which

A Cedar, 10 inches dia. N. 45° E. 3 1/2 feet dia.
No other trees near.

80.00 Set apart, marked and notched, 4 ft long,
3 in sq. d. 1 ft in the ground, drove charred
stake and built mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 7, 12, 13 and 18.
from which

A Cedar, 12 inches dia. N. 85° W. 9 1/4 feet dia.
No other trees near.

Land rolling and broken. Some good
grass. Soil poor. Scattering Cedars.

Between Tps. 13 N. Rgs. 20 & 21 E

Gila & Salt River Meridian

No. North, between sec. 7 & 12.

400. 140° 39' East

4000 Set a post, marked 400. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive chared stake
and build mound of earth 2 ft. high, with pit
1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions
for 14 sec. cor.

No trees near.

8000 Set a post, marked and notated, 4 ft. long
3 in. sq. d. 1 ft. in the ground, drive chared
stake and build mound of earth 2 ft.
high, with pit 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for cor. to sec. 1, 6,
7 and 12.

No trees near.

Land ascending N., then level
table. Some good soil. Scattering
cedars. Good Grass

Between Tps. 13 N. Rgs. 20 & 21 E
Gala & Salt River Meridian

No. North between cor. 1 & 2.
var. 140° 39' East
4000 Set a post marked 14 S. 4 ft long, flat-
tened 3 in. wide, 1 ft. in the ground, drive
chewed state and build mound of
earth 2 ft high, with pits 1 ft. deep, 2 ft
long, 1 ft wide, as per instructions for
4 sec cor. No trees near.

8000 Set a post, marked and colored,
4 1/2 ft long, 4 in. sq. 1 ft. in the ground
drive chewed state and build mound
of earth 2 1/2 ft high with pits 1 ft. deep, 1 1/2 ft
long, 1 ft wide as per instructions for cor.
to Tps. 13 & 14 N. Rgs. 20 & 21
E. No trees near.

Land level table.

Some good soil. Scattering Cedar.
Good Grass

June 19. 1849

Between Tps. 13 & 14 N. Range 21 E
Gila & Salt River Meridian

Ths. From the cor. to Tps. 13 & 14 N. Rqs. 20 & 21 E. Down
East, on random line along N. boundary Sec. 6 S. T. 32 & 1
var. $128^{\circ} 41'$ East

As per Best Solar Compass

Set temporary post at every 40 - 80 chs. and
at 5 miles 79 chs & 30 lvs. Intersect 100
lvs N. of cor. to Tps. 13 & 14 N. Rqs. 21 & 22 E.
Therefore the correction will be 70 lvs. N., and
 $16\frac{2}{3}$ lvs. S. per mile. And from the cor. to
Tps. 13 & 14 N. Rqs. 21 & 22 E. Down
N. $89^{\circ} 53' 7''$.

Return line bet. sec. 1 & 36.

var. $144^{\circ} 41'$ East

37.50 Canon of Silver creek to N. W. and S. E. and
descend into it.

39.00 Silver creek 25 lvs. wide flow NW.

39.40 Ascend out of canon

40.00 Cor. falls in incision place. Set 100
lvs. N. where I set a post marked
 $\frac{1}{4}$ S. 4 ft. long. flattened 3 in wide.

Between Tps. 13¹/₄ N, Range 21 E

Gila & Salt River Meridian

Continued

No. 1 ft. in the ground and build mound
of stones 2 ft high as per instructions
for 74 sec. cor. from which

A Cedar 4 in. dia. br. S. 8° E. 16 lbs. dist.

Do. 3 " " " N. 65° W. 44 " "

And leave cañon br. N. W. + S E.

8000 Set a post, marked and isolated,

4 ft long, 3 in. sq. 1 ft. in the ground,

two chert slabs and build mound
of earth 2 ft high, with pits 1 ft. deep, 2 ft.
long, 1 ft wide, as per instructions for
cor. to secs 1, 2, 3, 5 and 36 from which

A Cedar, 8 in. dia. br. N. 9° W. 10 lbs. dist.

Do. 10 " " " S. 80° E. 73 " "

No other trees near.

Land brown. Soil poor.

Scattering Cedar, timber.

Between Tps. 13 & 14 N. R. 21 E.

Gila & Salt River Meridian

No. A. 8958 N. on true line between 2 & 35
var. 14° 41' East

2.70 Road br. S.E. and N.W.

40.00 Set a post, marked 14 S. 4 ft long, flat
tined 3 in. wide, 1 ft in the ground, drove
chained stake and build mound of
earth 2 ft high with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for 14
see cor. from which

A Cedar 9 in. dia. br. South 44 br. dist.

do " " " N. 10° E. 52 "

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground,
drove chained stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
cor. to secs. 2, 3, 34 and 35.

No trees near.

Land mostly level. Some good soil
Scattering Cedar trees.

Between Tps. 13¹/₄ & 14 N. R. 21 E

Gila & Salt River Meridian

Tps. N. 89° 53' W. on true line bet. secs. 3¹/₄ & 34
var. 140° 41' East.

4000 Stake post, marked 14 S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground, drive
churned stake and build mound of earth
2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.

No trees near.

8000 Stake post, marked & scratched, 4 ft
long 3 in. sqd. 1 ft in the ground, drive
churned stake and build mound of
earth 2 ft high, with pit 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for cor.
to secs. 3, 4, 33 and 34

No trees near.

Land mostly level. Some good
soil. Good Grass. Scattering
Cedar trees.

Between Tps. 13 & 14 N., R. 21 E.
Gila & Salt River Meridians

Loc. N. 89053 N. on true line bet. secs 4 & 33
cor. 14 & 41 East.

1000 Ascend E. side long hill bet. N. & S.

13.49 Top and descend W. side.

16.69 Foot on W. side, and run on slightly
rolling ground.

4000 Set a post, marked 14 S., 4 ft long, flattened 3
in. wide. 4 ft in the ground, drive chert stone
and build mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for 14 sec. cor. No trees near.

8000 Set a post, marked E. & 24 S., 4 ft long, 3 in.
sq. 4 ft in the ground, drive chert stone
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for cor. to Secs. 4, 5, 32 & 33

No trees near.

Land hilly then slightly rolling & level.
Soil poor. No timber.

Between Tps. 13 & 14 N. R. 21 E.

Gila & Salt River Meridian

No. 189053 N. intone line bet. sec. 5 & 6
 cor. 14 & 41 East

40.00 Set a post, marked 1/4 S. 4 ft long, flattened
 3 in wide. 1/2 in the ground, dove shaped
 stone and build mound of earth 2 ft high,
 with pits 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 4 sec. cor. No trees near.

80.00 Set a post, marked and colored,
 4 ft long, 3 in. sq. 1/2 in the ground, dove
 shaped stone and build mound of
 earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 structions for cor. to sec's. 5, 6,
 31 and 32.

No trees near.

Land level. Some good soil.

No timber.

Between Tps. 13 & 14 N., R. 21 E.
Gila & Salt River Meridian

Chs. N. 89° 53' W. on true line bet sec. 6 & 8, 1,
var. 14° 41' East

4000 Set apart, marked 1/4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, dug & charred stone and
build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 1/4 sec. cor.
No trees near.

149.30 To cor. to Tps. 13 and 14 N.,
Rgs. 20 & 21 E.

Land level.

Some good soil

Scattering Cedar trees,
June 19, 1849

Between Tps. 16 N. Rgs. 22 + 23 E

Gila & Salt River Meridian

Ths. I now go to the corner to Tps. 15 and 16 N. Rgs. 22 + 23 E., and find that corner as established by deputy Surveyor Foster under his contract of Aug 16, 1875, - a post with mound of earth and pits, from which

A Cedar 20 in. dia. br. N. 86° E. 115 lns. dist.

No other trees near. I clean the pits and renew the mound and run thence

North, between secs. 31 & 36

var. $14^{\circ} 34'$ East

Reper Buets Solar Compass.

4000 Set a post, marked 74 S. 4 ft long flattened 3 in. wide 1 ft in the ground, drive chanced stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 sec. cor. from which

A Cedar 12 in dia. br. S. 25° W. 62 lns. dist.

Between Tps. 16 N. Rgs. 27 & 28 E.
Gila Salt River Meridian

Continued—

No. No other trees near.

8000 Sitapost, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
driv' charred stake and built mound
a fourth of ft high, with pits of cedar
2 ft long, 1 ft wide, as per instructions
for cor. to secs. 25, 30, 31 & 36,
from which

A Cedar: 10 in. diam., S. 61° E. 65 lbs. dist.

do. 8 " " N. 15° W. 105 "

No other trees near.

Land level then rolling. Some good bent
Grass. Scattering Cedar trees.

North between secs. 25 & 30

var. 14° 37' East.

4000 Sitapost, marked 4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground driv' charred stake

Between Twp 16 N. Rgs. 22 & 23 E.

Gila & Salt River Meridian

Continued ~

7800 and build mound a foot high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 74 sec. cor. No trees near.

8000 Set a post, marked and notched, 4 ft. long, 3 in. sq. d. 1 ft. in the ground, drive chisel into it, and build a mound a foot high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to secs. 19, 24, 25 and 30. No trees near. Land rolling. Some good soil. Grass, Scattered cedars.

North between secs 19 & 24.

var. 14° 34' East

4000 Set a block of petrified wood, 15 x 9 x 7 in. 2/3 in the ground, marked 74, and on N. build mound

Between Tps. 16 N. Rgs. 22 & 23 E.

Gila & Salt River Meridian

- Continued
- No. of earth 2 ft high, with pits 1 ft deep
2 ft long, 1 ft wide, as per instruc-
tions for 14 sec. cor. No trees near.
- 80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to sec. 13, 18,
19 and 24. No trees near.
- Land rolling, some good soil, Grass
Scattering Cedars.

North between sec 13 & 18.

var. 14th 3rd East

- 4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charred stake and build
mound of earth 2 ft high with

Between Tps. 16 N., Rgs. 22 & 23 E.

↗ Gila & Salt River Meridian

Continued ~

7000 pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 14 sec. cor. No trees near.

8000 Set apart, marked and notched, 4 ft. long, 3 in. sq. d. 1 ft. in the ground, drive charred stake and build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for cor. to sec. 7, 12, 13 and 18. No trees near.

↗ Land slightly rolling. Some good soil. Grass, a few cedars.

North between secs. 7 & 12,

or. 14° 37' East.

4000 Remote from stone and timber. Drive charred stake and build a mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 14 sec. cor.

8000 Set apart, marked and notched, 4 ft. long 3 in. sq. d. 1 ft. in the ground

Between Tps. 16 N. Rgs. 22 + 23 E
 Gila & Salt River Meridian

Continued

Rs. drive chared stake and build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for cor. to Secs. 1, 6, 7 and
 12. No trees near.

Land slightly rolling. Soil Good.
 Grass. No timber.

North between Secs. 1 & 6.

var. $14^{\circ} 34'$ East

40.00 Remote from stone and timber.
 Drive chared stake and build
 mound of earth 2 ft high with
 pits 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for 1/4 sec,
 cor.

80.00 The Fourth Standard Parallel
 N. Set a post, marked and
 notched, $4\frac{1}{2}$ ft long, 4 in. sq.

Between Tps. 16 N. Ranges 22 & 23 E.

Gila & Salt River Meridian

Co. Continued

1 ft in the ground. Two charred
stake and build mound of earth

2 1/2 ft high with pits 1 ft deep.

2 1/2 ft long, 1 1/2 ft wide, as
per instructions for closing cor.

to Tps. 16 N. Rps. 22 & 23 E.

No trees near.

Land level. Soil Good. No timber.

June 25. 1879

3rd. Fourth Standard North.

BOOK 1315

S. Boundary Tps. 17 N. Range 22 E.

Gila & Salt River Meridian

No. From the claim cor. to Tps. 16 N. Rgs. 22
20 E. as just established I run
East on true line -

var. $14^{\circ}35'$ East

Refer Bart's Solar Compass
And having calculated the conver-
gency at this point - at a dis-
tance of

44.00 I set a post, marked and setled,
 $4\frac{1}{2}$ ft long, 4 in. sqd. 1 ft in the ground.
Drove charred stake and build a
mound of earth $2\frac{1}{2}$ ft high with
pits 1 ft. deep $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide
E. N. + N, as per instructions for the
Standard cor. to Tps. 17 N. ranges
22 + 20 E. No trees near.

Then I run standard line
West. on S. boundary sec. 36.

var. $14^{\circ}38'$ East

40.00 Set a post, marked and setled 4 ft.

S. Roundup Tr. 17 N. Range 22 E
 Gila & Salt River Meridian

Continued
 No. 4 ft. long, flattened 3 in. wide, 1 ft
 in the ground, driven charred stake
 and build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft long,
 1 ft wide as per instructions
 for 14 sec. cor. No trees near.

44.00 Intersect closing cor. to Tr. 16
 N. ranges 22 & 23 E, as before described.

8500 Set apart, marked and notched,
 4 ft long, 3 in. wide, 1 ft in the ground
 driven charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 1/2 ft long, 1 ft wide, as
 per instructions for standard
 cor. to secs. 35 and 36

No trees near.

Land gently rolling. Soil good.

Pine grass. No timber.

June 25, 1849

S. Boundary Sp. 14 N. Range 22 E.
Gila & Salt River Meridian

Co. West, on S. boundary Secs 34 & 35
ms. 14° 38' East

4000 Remote from stone and timber.
Drove charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for 14 sec. cor.

8000 Set a sandstone $19 \times 12 \times 3$ ⁱⁿ prop-
erly notched, 3 ft in the ground,
and build mound of earth 2
ft high, with pits 1 ft deep, 2 ft
ft long, 1 ft wide, as per in-
structions for Standard cor
to Secs. 34 and 35.

No trees near.

Land level. Soil good.

Pine Grass. No timber.

S. Boundary Tp. 174 N. Range 22 E

Gila & Salt River Meridian

No. West on S. boundary sec. 33 of
var. $14^{\circ}38'$ East4000 Remote from stone and timber
Drove charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, $2\frac{1}{2}$ ft long, 1 ft
wide, as per instructions for
1/4 sec. cor.8000 Set a sandstone 9 ft x 14 x 3 in.
3 ft in the ground, properly
notched and build mound
of earth 2 ft high, with pits
1 ft deep, $2\frac{1}{2}$ ft long, 1 ft wide,
as per instructions for Standard
cor. to Secs. 33 and 34
No trees near.Land gently rolling. Soil good.
Fine Grass. No timber.

28
Fourth Standard North
BOOK 1315
S. Boundary Tp. 14 N. Range 22 E.
Gila & Salt River Meridian

Ch. West on S. boundary sec. 33.
var. $14^{\circ}38'$ East

Hoos Remove from stone & timber,
Drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, $2\frac{1}{2}$ ft long, 1 ft wide,
as per instructions for $\frac{1}{4}$ sec.
cor.

8000 Set a sandstone $19 \times 14 \times 3$ in,
 $\frac{3}{4}$ in the ground, properly notched,
and build mound of earth 2
ft high, with pits 1 ft deep, $2\frac{1}{2}$ ft
long, 1 ft wide, as per instructions
for Standard cor. to Secs
32 and 33. No trees near.

Land uncult. Some good soil
Grass. No timber

Fourth Standard North. 37

BOOK 1315

S. Boundary Tr. 14 N. Range 22 E

Edw and Salt River Meridian

W. West on S. boundary sec. 32.
var. 14° 38' East

4000 Remote from stone & timber.
Drove chert stake and build
mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 14 sec. cor.

8000 Set a sandstone 14 x 12 x 5
in. ²/₃ in the ground, properly
swatched and build mound
of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as
per instructions for standard
cor. to secs. 31 and 32
No trees near.

Land uneven. Some good soil
Grass. No timber.

286. Fourth Standard North.

BOOK 1315

S. Boundary Tp. 14 N. Range 22 E.

Gila & Salt River Meridian

No. Weston S. boundary sec. 31

var. 14° 38' East

4000 Remove from stone and timber.

Drive charred stone and build mound
4 feet high, with pits 1 ft. deep,
2 1/2 ft. long, 1 ft. wide, as per in-
struction for 1/4 sec. cor.

60. 26 Little Colorado Road bet N + S.

8000 Set a post, marked and notched
4 1/2 ft. long, 4 in. sq. 1 ft. in the
ground, and build mound of
stones 2 1/2 ft. high, as per instruc-
tion for standard cor. to Tps.
14 N. Rgs. 21 + 22 E.

No trees near.

Land mesquite then brown and
dry soil poor mostly. A few
Cedar trees.

June 26. 1879.

S. Boundary Tps. 17 N. Range 21 E.

Gila and Salt River Meridian

No. From the Standard cor. to Tps. 17 N. Rgs. 21 & 22 E. from
West on S. Boundary Sec. 36
var. $14^{\circ} 40'$ East

As per Buets Solar Compass

22.94 The Little Colorado river 50 ft wide, flows N.W.

40.00 Set a post, marked 14 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drove charred
stave & build mound afeast of high, with

pile of chips 2 ft long, 1 ft wide, as per in-
structions for 1/4 sec. cor. No tree near.

44.50 Interest the N. boundary of Town-
ship 16 N. range 22 E. (as established
by Deputy Surveyor Fiske under his
contract of August 16. 1845) at a point
110 lbs. S. of closing cor. to Tps. 16 N. Rgs
21 & 22 E. In accordance with
instructions (Manual - P. 22.) I re-
move said closing cor. to the Standard
line and establish it there as originally
made and as found by me -

A Sandstone 7 1/4 x 8 x 8 in. notched,

S. Boundary Tr. 17 N. Range 21 E.

Cl. & Salt River Meridian

Continued

Set 3/4 in the ground and build mound of earth 2 1/2 ft high with pits 1 ft deep. 2 1/2 ft long. 1 1/2 ft wide, - mound placed on the S. instead of the N. as originally - No trees near.

8000 Set apart, marked and notched 4 ft long, 3 in. sq. d. 1 ft in the ground drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep. 2 1/2 ft long. 1 ft wide, as per instructions for standard cor. to Sea. 35 & 36. No trees near.

Land uneven then level and pt. rate. No timber.

Nest. on S. Boundary sec. 35 var. 14 & 40 East

28.00 Ascend to higher ground N & S.

4000 Set apart, marked 1/4 S. 4 ft long, flattened 3 in. wide. 1 ft in the ground

S. Boundary Tp. 14 N. Range 21 E
Gila & Salt River Meridian

Continued

No. and build mound of stones 2 ft high
as per instructions for 14 sec cor.
from which

A Cedar 12 in. dia. to N. $88^{\circ} 27'$ E 10

do. 13 " " West 23

8000 Set a post marked and notched,

4 ft long, 3 in. sq. 1 ft in the ground,

drive charred stake and build a

mound of earth 2 ft high with pile 1 ft

deep, 2 ft long, 1 ft wide as per

instructions for cor. to sec. 34

and 35. No trees near.

Land level rich then ascending

W and 2 rate. Scattering Cedar

trees.

West on S. Boundary Sec. 34

var. $14^{\circ} 40'$ East

4000 Set a post marked 4 ft. 4 ft long flat-

tened 3 in. wide, 1 ft in the ground,

drive charred stake and build

S. Boundary Tp. 17 N. Range 21 E.
Gila and Salt River Meridian

Continued
Chs. mound of earth 2 ft high with pits 1 ft
deep, 2 1/2 ft long, 1 ft wide, as per in-
structions for 14 sec. cor. No trees near.

5000 Remote from stone and timber
Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, and in center of
pit E. of cor. drive a stake marked
and notched, 2 ft long, 2 in. sq. d.
1 ft in the ground as per instructions
for standard cor. to Secs 33 and
34

Land level. Soil Good No timber.
Grass.

West S. boundary sec. 33.

var. 14° 40' East

4000 Drive charred stake and build
mound of earth 2 ft high with
pits 1 ft deep, 2 1/2 ft long, 1 ft

S. Boundary Tr. 17 N. R. 21 E

Gila & Salt River Meridian

Continued

The wide, as per instructions for 14
see cor.

8000 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit E. of corner
drive a stake marked and
notched, 2 ft long, 2 in sq. d. 1 ft
in the ground, as per instruc-
tions for standard cor to Secs
32 & 33

No stone or timber near.

Land level. Soil Good. Grass.

West on S. boundary Sec. 32

var. 140° 40' East

11.47 Old road to SE. & N. W.

4000 Drive charred stake and build
mound of earth 2 ft high,

2th Standard N.

BOOK 1315

S. Boundary Tp. 14 N. Range 21 E

Gila & Salt River Meridian

Continued

55.80 No. with pits 1 ft deep, 2 1/2 ft long, 1 ft wide,
as per instructions for 1/4 Sec. cor.

55.80 Old road to Apache Co. N. & S.

8000 Drive charred stake and build a
mound of earth 2 ft high, with
pits 1 ft deep, 2 1/2 ft long, 1 ft wide,
and in center of pit E. of cor. drive
a stake marked and notched, 2
ft long, 2 in. sqd, 1 ft in the ground,
as per instructions for standard cor.
to Secs. 31 and 32

Remote from stone & timber.
Land level, Soil Good. Grass

West on S. boundary Sec. 31

var. 1440' East

4000 Remote from stone & timber.
Drive charred stake and build
mound of earth 2 ft high

S. Boundary Twp. 17 N. Range 21 E
Gila & Salt River Meridian

Continued
No. with pits 1 ft. deep. 2 1/2 ft. long, 1 ft.
wide as per instructions for 14 sec
Cor.

80.00 Set a post, marked and notched
4 1/2 ft. long, 4 in. sq. in the
ground, drive charred stake and
build mound of earth 2 1/2 ft.
high, with pits 1 ft. deep. 2 1/2 ft.
long, 1 1/2 ft. wide, as per in-
structions for Standard Cor
to Twp. 17 N. ranges 20 and
21 E. No trees near.

Land slightly rolling.

Soil Good.

No timber. Fine Grass.

June 26. 1879

Between Tps. 19 & 20 N. R. 16 E
 Tola & Salt River Meridian

August 4. 1879.

From the cor. to Tps. 19 & 20 N. Rps.
 15 & 16 E. Iron
 East.

On random line on N. Bondarp Secs. 6. 5.
 4. 3. 2 & 1.

var. $14^{\circ}58'$ E

Asper Buets Solar Compass

I set temporary cors. at corner

40 & 80 chs., and 5 miles and

78.88 chs. I intersect a point 106

lbs. S. of cor. to Tps. 19 and 20

N. ranges 16 and 17 E.

Therefore the correction will
 be 112 lbs. N., and $17\frac{2}{3}$ lbs. N.
 per mile.

From the cor. to Tps. 19 and 20

N. Rps. 16 and 17 E. Iron

S. $89^{\circ}52'$ W.

On true line between secs. 1 & 36.

var. $14^{\circ}58'$ East

Between Tps. 19 & 20 N. R. 16 E
Gla & Salt River Meridian

Tps. Continued

- 3.00 Dry wash, 150 lbs. wide, to S. W.
- 4.00 Same wash, 150 " " " N. W.
- 40.00 Set a post, marked 44 S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, drive charred stake and build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 44 sec. cor. No trees near.
- 51.00 Same dry wash, touches the line from N. E. and turns N. W.
- 69.00 Same dry wash, 100 lbs. wide, touches the line from N. E. and turns NW. again.
- 80.00 Remote from stone timber, dry charred stake & build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, 4 in. center of pit S. E. of cor. drive a stake marked & notched, 2 ft. long, 2 in. sq. 1 ft. in the ground, as per instructions for cor. to Secs. 1, 2, 35 and 36. Sand uneven. Soil worthless. No timber.

Between Tps. 19 & 20 N. R. 16 E
 7th & Salt River Meridian

No. 18952 N. on true line bet. sec. 2 & 35
 var. $14^{\circ}58'$ East

2.00 Dry wash, noted on previous mile, 100 lbs. wide, br. S.W.
 10.00 Same dry wash, 100 lbs. wide, br. N.W.
 16.00 do. 100 " " " S.W.

4000 Set a post, marked $1/4$ S. 4 ft. long, flattened
 3 in. wide, 1 ft. in the ground, drive chanced stake
 and build mound of earth 2 ft. high, with pits
 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions
 for $1/4$ sec. cor. No trees near.

8000 Set a post, marked and notched, 4
 ft. long, 3 in. sqd., 1 ft. in the ground,
 drive chanced stake and build mound
 of earth 2 ft. high, with pits 1 ft. deep, 2
 ft. long, 1 ft. wide, as per instructions
 for cor. to Secs. 2, 3, 34 & 35.

No trees near.

Land level. Some good soil.

Grass. No timber.

Between Tps. 19 & 20 N. R. 16 E

Tila and Salt River Mendocino

No. 189052 *N. octonidulvibetacea* 3 1/2 ft
var. 14058 East.4000 Set a post, measured 14 ft. 4 ft long, flattened
3 in wide. 1 ft in the ground. Air's charred
stone & build mound a fourth of high
with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 4 sec. cor. No trees near.
And second on high rolling & broken
ground br. N.E. & S.W.

67.82 Semi road br. N. & S.W.

5000 Set a sandstone 25 x 12 x 4 in. 3/4
in the ground, notched E. end, and on
the W. build mound a foot high
as per instructions for cor. to sec.
3, 4, 33 and 34. No trees near.
Land level. Soil good.
Then broken, Soil poor.
No timber.

Between No. 19 & 20 N. R. 16 E.

Gila Salt River Mexican

No. S. 89° 52' N. on true line bet. sec. 4 & 33.
var. 124° 58' E.

9.00 Descend and run into bottom land,
65. N. 25.
4000 Cor. falls in dry wash, 100 lbs. wide
65. NE. & SW. Set, on nearest safe ground,
57 lbs. S. of true point, a post marked
45. 4 ft long, flattened 3 in. wide, 1 ft in the ground,
drive charred stake & build mound of earth
1 ft high, with pile 1 ft deep, 2 ft long, 1 ft wide, as
per instructions, for 4 sec. cor. from which
a Cottonwood, 10 in. dia. 65. N. 40° W. 50 cordit.
do. 15 " " " S. 75° E. 163 " "

8000 Set a post, marked 4 matched, 4 ft long
3 in. sq. 1 ft in the ground, drive charred stake
and build mound of earth of 1 ft high, with pile 1 ft
deep, 2 ft long, 1 ft wide, as per instructions for
cor. to sec. 4, 5, 32 and 33.

No trees near.

Land mostly rich bottom.

Scattering Cottonwood trees.

Between Tps. 19 & 20 N. R. 16 E

Tela & Salt River Meridian

No. S. 89° 52' W. true line between S & B 2

var. 14° 58' East

4000 Set a post marked 44 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive chared stake & build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 4 sec. cor. No trees near.

44.00 Little Colorado river 100 lbs wide, runs E and N. E. crosses a little bend of the river, on the S. side

79.65 Leave river flows from N. W. to E.

80.00 Set a post, marked & painted, 4 ft long, 3 in sq. d. 1 ft in the ground, drive chared stake & build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to sec. 5-6. 31 & 32. from which

A Cottonwood, 15 in. dia. br. S. 57° W. 53 leads to

do. 10 " " " S. 40° E. 106 " "

No other trees near.

Land mostly level. Soil strata.

Scattering cottonwood trees.

Between Tps. 19 & 20 N. R. 16 E

Gila & Salt River Meridian

To S. $89^{\circ}52'W$.

On true line between sec. 6 & 31.

var. $14^{\circ}58'$ East

6.20 Little Colorado river 100 lbs. wide 60
N. E. and chain across

4000 Set a post, marked $1/4$ S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, drive charred stake and
build mound a foot of the high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for $1/4$
sec. cor. from which

A Cottonwood, 3 in. dia. 60. N. $40^{\circ}W$. 125 standard.

No other tree near.

78.88 Cor. to Tps 19 and 20 N. Eqs. 15
and 16. E.

Land level soil strata.

A few cottonwood trees.

August 4. 1879

Between Tps. 20 N. Rgs. 15 & 16 E
Gila & Salt River Meridians

Co. From the Cor. to Tps. 19 & 20 N. Rgs. 15 & 16 E. Sec.

North between sec. 31 & 36

var. 15° East

As per Buete Solar Compass

0.72 Road to San Francisco Mountains Co. N.E.

40.00 Set a post marked $4 \frac{1}{2}$ ft. long, flattened
3 in. wide of $\frac{1}{2}$ in. the ground, drive chamed
stake and build mound of earth of $\frac{1}{2}$ ft.
high with pit $\frac{1}{2}$ ft. deep, $\frac{1}{2}$ ft. long, $\frac{1}{2}$ ft. wide,
as per instructions for these cor. No trees near

80.00 Set a post, marked and colored, $4 \frac{1}{2}$ ft.
long, 3 in. sq. $\frac{1}{2}$ in. the ground,
drive chamed stake and build mound
of earth of $\frac{1}{2}$ ft. high, with pit $\frac{1}{2}$ ft. deep, $2 \frac{1}{2}$
ft. long, $\frac{1}{2}$ ft. wide, as per instructions
for cor. to sec. 25, 30, 31 & 36.

No trees near.

Lander survey. Some good soil.

Grass. No timber.

Between Tps. 20 N. Rgs. 15 & 16 E
 1/4 Sec. 25 & Salt River Meridian

The North between secs. 25 & 30
 var. 15° East

4000 Beta sandstone 24 x 15 x 5 in. 3/4
 in the ground, marked 1/4, and
 on the N. build mound of stones
 2 ft high, as per instructions
 for 1/4 sec. cor. No trees near.
 And second bluff bro. N. x N.E.

4250 Top and run on high barren ground
 8000 Beta sandstone 27 x 18 x 4 in.
 3/4 in the ground, marked S. and
 N., and on the N. build mound
 of stones 2 ft high, as per instruc-
 tions for cor. to secs. 19, 24,
 25 and 30.

No trees near.
 Land barren mesa. Soil poor.
 Grass. No timber.

Between Tps. 20 N. Rgs. 15 & 16 E

Pla ans Salt River Meridian

Ch. North between sec. 19 & 22
var. 15 East

4000 Set a post, marked 14 S. 4 ft long
flattened 3 in wide, 4 ft in the
ground, drive charred stake and
build mound of earth 2 ft high
with pits 4 ft deep, 2 ft long, 4 ft
wide, as per instructions for 14
sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq. d. 4 ft in the
ground, drive charred stake
and build mound of earth 4 ft
high, with pits 4 ft deep, 2 ft long, 4 ft
wide, as per instructions for cor. to
Sec. 13, 18, 19 and 22.
No trees near.

Land broken mesa. Soil poor.
Grass. No timber.

Between Twp. 20 N. Rgs. 15 & 16 E
 Gila and Salt River Meridian

No. North between sec. 13 & 18
 var. 15° East

2200 Descend into low land bro. E. & W.
 4000 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 drive charred stake & build mound of
 earth 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for 1/4
 sec. cor. No trees near.

5000 Set a post, marked & notched, 4
 ft long, 3 in. sq. d., 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 structions for cor. to Secs. 7, 12,
 13 and 18. No trees near.
 Land broken. Then level land
 first rate soil. Grass.
 No timber.

Between Tps. 20 N. Rgs. 15 & 16 E
Tila & Salt River Meridian

Tp. North between secs. 7 & 12
var. 15° East

8000 Set a post marked 14 S. 4 ft long, flat-
tined 3 in wide, 1 ft in the ground,
driv' charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per in-
structions for 14 sec. cor. No trees near.

8000 Set a post marked and notched,
4 ft long, 3 in sq. d. 1 ft in the
ground, driv' charred stake &
build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor. to
secs. 1, 6, 7 and 12.

No trees near.

Land level Soil 1st Rate.

Grass. A few cottonwood trees.

Between Tps. 20 N. Rys. 15 E 16 E

Plata and Salt River Meridian

Tr. North between secs. 1 & 6.

run. 15° East

24.60 Road to San Francisco mountains, br. NW. & E.

40.00 Set apart, marked 1/4 S. 4 ft long, flattened,
3 in. wide, 1 ft in the ground, double charred
stave and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 1/4 sec. cor.

No tree near.

50.00 Dry wash, 50 ft wide, br. S. E.

80.00 Set apart in the ground, tempora-
rily awaiting the extension of
the 5th Standard Parallel N.,
which I shall presently run
and establish.

Land level. Soil strata.

Some Cottonwood timber on N. & E.

August 8, 1879.

Between Tps. 20 N. Rgs. 16 E. 17 E
Tels. & Salt River Mendocino

From the cor. to Tps. 19 & 20 N. Rgs. 16 & 17 E. Secs.
North. betweens 31 & 36.
var. 15° 02' East

As per Burt's Solar Compass

2.00 Dry wash, 150 lbs. wide br. SW.

4000 Set a post marked 4 S. 4 ft. long. flattened
3 in. wide. 1 ft. in the ground, drive chanced stakes
and build mound of earth 2 ft. high. with
pile 1 ft. deep. 2 ft. long. 1 ft. wide, as per
structure for 44 sec. cor. No trees near.

8000 Set an igneous rock 12 x 10 x 10 in.
2/3 in the ground. notched S. E. N.

and on the N. build mound of
earth 2 ft. high with pile 1 ft. deep. 2
ft. long. 1 ft. wide, as per structure
tains for cor. to Secs. 25. 30. 31 and
36. No trees near.

Land rolling. Soil poor. Grass.
No timber.

Between Tps. 26 N. Rps. 16 E 17 E

1/4 Sec. 25 & Salt River Meridian

Tps. North between secs. 25 & 30
 var. 15° 02' East

4000 Set an igneous rock, 13 x 11 x 10
 in. $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
 and on the N. build mound of
 earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instructions
 for $\frac{1}{4}$ sec. cor. No trees near.

8000. Remote from stone & timber. Drive
 charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, and in center
 of pit S. E. of cor. drive a stake
 marked and notched, 2 ft long, 2 in.
 sq. d. 1 ft in the ground, as per
 instructions for cor. to Secs. 19,
 24, 25 and 30.

Land slightly rolling. Soil poor.
 Grass. No timber.

Between Trs. 20 N, Rgs. 16 E 17 E
Tila & Salt River Mendocino

No. North between sec. 19 & 22 of
var. 15⁰ 02 East

4000 Seta sandstone 16x15x3 in. 7/8
in the ground, marked 1st, and
on the N. build mound of earth
2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instruction
for 1st sec cor. No trees near.

8000 Remote from stone & timber.
Drive charred stake & build mound
of earth 2 ft high, with pit 1 ft deep,
2 ft long, 1 ft wide, and in center
of pit S. E. a cor. drive a stake
marked and notched, 2 ft long, 2
in sq. d. 1 ft in the ground, as per
instructions for cor. to Sec. 19.

13, 18, 19 and 22.
Land level. Soil poor. Grass,
No timber.

Petroleum Sp. 20 N. Rps. 16^E 17^E

Flu and Salt River Mendocino

To North between sec. 13^E 18,

var. 15° 02' East

4000 Set a sandstone 17 x 12 x 3 in. $\frac{2}{3}$

in the ground, marked 14 and

on the N. build mound of earth

2 ft high, with pits 1 ft deep - 2 ft

long. (Hurdle, as per instructions

for 14 sec. cor. No trees near.

8000 Remote from stone and timber.

Drive charred stake & build mound

of earth 2 ft high, with pits 1 ft deep

2 ft long. (Hurdle, and in center of

pit S. E. of cor. drive a stake

marked and notched, 2 ft long,

2 in sqd. (Hurdle) in the ground, as

per instructions for cor. to sec. 13,

12, 13 and 18.

Land level. Some good soil.

Grass. No timber.

Between Tps. 20 N., Rgs. 16 & 17 E
Tla & Salt River Mendocino

Tps. North between secs. 7 & 12
var. 15° 02' East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide, 4 ft in the
ground, drive charred stake and
build mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.
No trees near.

5000 Remote from stone & timber. Drive
charred stake & build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and in center of pit S. E.
of cor. drive a stake marked
and notched, 2 ft long, 2 in wide,
4 ft in the ground, as per in-
struction for cor to secs. 1, 6, 7 & 12.
Land level. Some good soil
Grass. No timber.

Between Tps. 20 N., Rqs. 16 & 17 E.

Seta & Salt River Meridian

No. North between sec. 1 & 6
var. $15^{\circ}02'$ East

How Seta, sandstone $15 \times 13 \times 4$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
and on the N. build mound of earth
 $\frac{2}{3}$ ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for 14 sec. cor. No trees near.

8000 The 5th Standard Parallel N. Seta
post, marked & notched, $4\frac{1}{2}$ ft long,
4 in. sq. d. 1 ft in the ground, drive
chased stake and build mound
of earth $\frac{1}{2}$ ft high, with pits 1 ft deep,
 $2\frac{1}{2}$ ft long, 1 ft wide, as per in-
structions for closing cor. to
Tps. 20 N., Rqs. 16 & 17 E.

No trees near.

Land level. Some good soil. Grass.
No timber.

BOOK 1315
S. Boundary, Tps. 21 N. Range 16 E.
Tila & Salt River Meridian

Ths. From the closing cor. to Tps. 20 N., Rgs. 16
and 17 E., Iron

East on true line along the 5th Standard N.

var. $15^{\circ} 17'$ East

As per Burt Solar Compass

and by calculation of convergence at this
point, at

32.00 I set a post, marked & notched, $4\frac{1}{2}$
ft. long, $4\frac{1}{2}$ in. sq. ft. in the ground,
drive charred stake and build mound
of earth $2\frac{1}{2}$ ft. high, with pits $1\frac{1}{2}$ ft. deep.
 $2\frac{1}{2}$ ft. long, $1\frac{1}{2}$ ft. wide, as per in-
structions for standard cor. to Tps.
21 N., Rgs. 16 and 17 E.

Notices near.

And from this standard cor. to Tps.

21 N., ranges 16 & 17 E., Iron

West on true line on S. boundary sec. 36.

var. $15^{\circ} 17'$ E.

32.00 Closing cor. to Tps. 20 N., Rgs. 16 & 17

S. Boundary Twp. 21 N. Range 16 E
 1st 1/2 Sec. & Salt River Meridian

Continued

No. E, as before described

4000 Set the 1/4 sec. cor., - drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 1/2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. Remote from stone & timber.

8000 Set a post, marked and notched, 4 ft long, 3 in sq d, 1 ft in the ground, drive charred stake and build mound of earth 1 ft high with pits 1 ft deep, 2 1/2 ft long, 1 ft wide, as per instructions for standard cor. to sec. 35 E 36.
 Notices near.

Land level.

Soil Good in part.

Grass. No timber.

6-7

S. Boundary Sp. 21 N. Range 16 E
W. & Salt River Meridian

To West on true line on S. Boundary sec. 35
var. 15° 04' East

8000 Drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 1/2 ft long, 1 ft wide,
as per instructions for 1st sec.
cor.

8000 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 1/2 ft long, 1 ft wide,
and in center of pit E. of cor.
drive a stake, measured and
notched, 2 ft long, 2 in. sq. &
1 ft in the ground, as per in-
structions for standard cor.
to sec. 34 and 35

Remote from stone & timber
Land level Soil poor. No timber.

S. Boundang N. 21 N. R. 16 E

Gila & Salt River Meridian

No. West, entrance line on S. Boundang Sec 34
var. 15° 24' E.

4000 Set a sandstone 12x10x5 in.

2/3 in the ground, marked 14, and
on the N. build mound of earth
2 ft high with pits 1 ft. deep. 2 1/2 ft
long. 1 ft wide, as per instructions
for 14 sec. cor. No trees near.

8000 Remote from stone and timber.
Drive charred stake and build a
mound of earth 2 ft high, with
pits 1 ft. deep. 2 1/2 ft long. 1 ft wide,
and a center of pit E. of cor. Drive
a stake marked and notched
2 ft long. 2 in. sq. d. 1 ft in the ground
as per instructions for cor. to sec.
33 and 34.

Land level. Soil poor. No timber.

BOOK 1315

S. Boundary Tp. 21 N. Range 16 E.

Tula & Salt River Meridian

No. West on true line in S. boundary sec. 33

var. 15° 07' East

4000 Remote from stone & timber.

Drive charred stake and build a mound of earth 2 ft high with pits 1 ft deep. 2 1/2 ft long. 1 ft wide as per instructions for 1/4 sec. cor.

8000 Set a post, marked and notched 4 ft long. 3 in sq. d. 1 ft in the ground. Drive charred stake and build mound of earth 2 ft high with pits 1 ft deep. 2 1/2 ft long. 1 ft wide as per instructions for cor. to secs 32 & 33
No trees near.

Land level.

Soil Good in part.

No timber -

S. Boundary of Sp. 21 N. R. 16 E

1. Gla & Salt River Meridian

No. West on true line on S. Boundary sec. 32.
var. 15° 04' East

30.00 Deep dry wash, 100 lbs. wide, br. N. H.

40.00 Set a post, marked 14 S. 4 ft. long, flat-
tined 3 in wide, 1 ft. in the ground, drive
churned stake and build mound
of earth 2 ft. high, with pits 1 ft. deep, 2 1/2
ft. long, 1 ft. wide, as per instructions
for 14 sec. cor. Notice near.

66.95 Little Colorado river, 100 lbs. wide, flows
E. of N. Chain across.

80.00 Set a post, marked and notched, 4 ft.
long, 3 in. sq. d. 1 ft. in the ground, drive
churned stake and build mound of
earth 2 ft. high, with pits 1 ft. deep, 2 1/2
ft. long, 1 ft. wide, as per instructions
for standard cor. to Sec. 31 E 32.
Notice near. Land uneven.
Salt Good. Scattering Cottonwood trees.

BOOK 1315

S. Boundary Tps. 21 N. Range 16 E.
 Fla Salt River Meridian

Sec. West true line on Standard sec. 31.

var. 15.07 East

4000 Set a post marked 4 S. 4 ft long, flattened
 3 in wide, 1 ft in the ground, drive a
 charred stake & build mound of earth
 2 ft high, with pits 1 ft deep, 2 1/2 ft long
 1 ft wide, as per instructions for 4 sec. cor.

from which
 a Cottonwood 15 in dia br. N. 81° W. 174 lbs. dia.
 do. 18 " " " N. 25° E. 186 " "

8000 Set a post, marked and notched, 4 1/2
 ft long, 4 in. sq. 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 1/2 ft high, with pits 1 ft deep,
 2 1/2 ft long, 1 1/2 ft wide, as per in-
 structions for standard cor. to Tps.
 21 N. Ranges 15 and 16 E. from which
 a Cottonwood 22 in dia br. N. 63° E. 214 lbs. dia.
 do 25 " " " N. 4° W. 254 " "

No other trees near.

Land uneven. Soil Good.

Scattering Cottonwood trees.

S. Boundary Tp. 21 N. Range 15 E.

Pla and Salt River Meridian

From the standard cor. to Tps. 21 N.

Rgs. 15 & 16 E. Iron

West.

Outline line on 5th Standard N.

var. 15° 06' E

Refer Back to Solar Compass

31.54 Intersect the line between town-
ships 20 N. ranges 15 and 16 E.
at a point 148 lns. S. of the tem-
porary post for closing cor. to Tps.
20 N. Rgs. 15 & 16 E.

I remove said temporary cor., and
at the point of intersection of the
said lines I set a post, marked
and notched, 4 $\frac{1}{2}$ ft. long. 4 in.
sq. d. 1 ft. in the ground. surmounted
stake and build mound of earth
2 $\frac{1}{2}$ ft. high with pits 1 ft. deep.
2 $\frac{1}{2}$ ft. long. 1 $\frac{1}{2}$ ft. wide as
per instructions for closing

Establishing the Closing Cor. to Tps. 20 N. Rgs.
15 E. 16 E. Gila & Salt River Meadows

Ths. Continued

cont. Tps. 20 N. Rgs. 15 E. 16 E.
From which

At Cottonwood. 4 inches to S. 81° W. 39 land set

do. 9 " " S. 88½° E. 192 " "

Woods trees near.

Level Soil & Rate.

Considerable Cottonwood growth.

August 9. 1849.

Between Tps. 19 N. Rgs. 7 E & 8 E

Gila & Salt River Meridian

August 16. 1849

Mr. I have proceeded to comply with the final requirement of my contract of April 28. 1849, - the survey of timber land, ^{heavily} covered with timber of commercial value, exposed to depredations from the settlements on the Little Colorado river; and the explanatory remarks at the close of these notes of Estevora will explain the relative and motive of these timber surveys, - to the surveys on the Little Colorado river.

I go to the cor. to Tps. 19 & 20 N. ranges 7 & 8 E, and find it standing as originally established, - a post, with mound of earth & pit, and from which

A Pine, 33 in dia. bot. N. 70° E. 142 lvs. dist.

do. 35 " " S. 55° E. 114 " "

do. 34 " " S. 60° N. 74 " "

do. 36 " " N. 61° W. 182 " "

Between Tps. 19 N. Rgs. 7 & 8 E
 Gila & Salt River Meridian

Continued—

No. And from this cor., I run

South, on true line between sec. 1 & 6,

Var. $15^{\circ}30'$ East

As per Burt's Solar Compass,

40.00 Set a post, marked 14 S. 4 ft long,

flattened 3 in. wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per instructions

for 14 sec. cor. From which
 a pine tree, 30 in. dia., br. West, 68 lvs. dist.

do. 29 " " " $87^{\circ}5'$ E. 94 " "

52.20 Pine lince tree 29 in. dia.

56.76 do. 26 " "

56.87 do. 27 " "

80.00 Set a post, marked and notched, 4

ft long, 3 in. sq. d. 1 ft. in the ground,
 and build mound of stones 2 ft high
 as per instructions for cor. to Secs.

1, 6, 7 and 12

From which

Between Tps. 19 N. Rgs. 7 E & 8 E

Gla & Salt River Meander

Continued.

No. above, 28 in dia. N. 14° E. 66 feet dist.

do. 26 " " " S. 30° W. 90 " "

do. 25 " " " N. 60° W. 155 " "

do. 24 " " " S. 40° E. 185 " "

High table land. Soil poor. Grass.

Heavy Pine timber. Scattering oak
trees and brush.

South between secs. 7 & 12.

var. 15° 30' East

1.58 Pine lime tree 28 in dia.

4.12 do. 15 " "

4000 Set apart, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
and build around a stone 2 ft high
as per instructions for spec. co. for work.

A Pine 27 in dia. on S. 84° W. 41 feet dist.

do. 29 " " " N. 29° E. 25 " "

44.54 Pine lime tree 26 in dia.

Between Tps. 19 N. Rgs. 7 & 8 E
 Wa & Salt River Meridian

As Continued

49.00 Little stream of water in rocky bed, 5 lbs. wide br. NW

60.00 Same do. do. 5 lbs. wide br. E of N

8000 Set a post, marked & notched, 4 ft long,
 3 in. sq. ft. in the ground, and build
 mound of stones 2 ft high, as per in-
 structions for cor to Secs. 7, 12, 13
 and 18. From which

A Post, 32 mi. dis. br. N. 88° E 30 lbs. dist.

do. 30 " " " S. 30° E 96 " "

do. 23 " " " S 70° W. 119 " "

do. 29 " " " N. 45° W. 156 " "

Land barren. Soil Poor. Heavy Pine timber
 Scattering Oak trees & brush.

North between Secs. 13 and 18

var. 15° 30' East

4000 Set a post, marked 4 ft long
 flattened 3 in wide, ft in the ground,
 and build mound of stones 2 ft.

Between Nos. 19 N. Rgs. 7 & 8 E

Pl. E Salt River Meridian

Continued

No. 60.94 high as per instructions for 4 sec. cor. from which
a Pave. 20 in dia. br. S. 38° W. 10 lvs. dist.

do 19 " " " N. 32° E. 31 " "

60.94 Pine lime tree 27 in dia.

72.24 do. 36 " "

8000 Set a post, marked & notched, 4 ft.
long. 3 in. sq. d. 1 ft. in the ground, and
build mound of stones 2 ft. high,
as per instructions for cor. to Secs. 13.

18, 19 and 24. From which

a Pave. 15 in dia. br. N. 31° E. 86 lvs. dist.

do. 26 " " " S. 38½° E. 134 " "

do. 29 " " " S. 48° W. 97 " "

do. 28 " " " N. 55° W. 117 " "

Land broken. Soil poor. Grass. Heavy
Pine timber. Scattering Oak trees & brush.

South between Secs. 19 & 24

var. 15° 30' East

11.88 Pine lime tree 18 in dia.

Between Nos. 19 N. Rys. 7 & 8 E
 Pla. @ Salt River Meridian

No. Continued.

- 17.99 Pine limb tree 36 in. dia.
 40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ E. long, flattened 3 in.
 wide, 4 ft. in the ground, and built around of
 stones 4 ft. high, as per instructions for 4 sec. cor. marked
 a Pine, 18 in. dia. br. S. 60° E. 45 lvs. dist.
 do. 10 " " " West, 64 " "
 64.48 Pine limb tree 30 in. dia.
 80.00 Set a post, marked & isolated, 4 ft. long,
 3 in. sq. 1 ft. in the ground, and built around
 of stones 4 ft. high, as per instructions for cor.
 to sec. 19. 24. 25 and 30. from which
 a Pine, 18 in. dia. br. S. 31° W. 23 lvs. dist.
 do. 17 " " " S. 67° E. 54 " "
 do. 19 " " " N. 70° E. 61 " "
 do. 34 " " " N. 21° W. 112 " "
 Land broken, soil poor. Grass.
 Heavy Pine timber.
 Scattering Oak trees and brush

Between Tps. 19 N. Rps. 7 & 8 E
 Twp. & Salt River Meridian

No. South between secs. 25 & 30
 var. 15° 30' East

4000 Setapost, marked 1/4 S. 1/4 flong, flattened 3
 in wide, fl. in the ground, and built around
 of stones of high, as per instructions for
 1/4 sec. cor. from which

A Pine, 27 in. dia. br. S. 60° W. 27 lvs. dist.

do. 25 " " " N. 75° E. 40 " "

43.48 Pine timber 30 in. dia.

69.06 do. 28 " "

8000 Setapost, marked & notched, 1/4 flong,
 3 in. sq. depth in the ground, and built around
 of stones of high, as per instructions for cor.
 to sec. 25, 30, 31 and 36, from which

A Pine, 30 in. dia. br. N. 82° W. 48 lvs. dist.

do. 20 " " " S. 20° W. 61 " "

do. 21 " " " S. 83° E. 115 " "

do. 12 " " " N. 81° E. 55 " "

Land rolling, Soil poor. Grass. Scattering Oak
 trees & brush. Heavy Pine timber.

Between Tps. 19 N. Rgs. 7 & 8 E

W. & Salt River Meridian

From South between sec. 31 & 36

var. 15° 30' E.

20.89 Pine lucite tree 30 in. dia.

4000 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, and built around a stone 1 ft high, as per instructions for 1st sec. cor. from which

A Pine, 20 in. dia. br. N. 82° E. 23 br. dist.
do. 12 " " " West 36 " "

75.58 Pine lucite tree 29 in. dia.

80.00 Set a post, marked & scratched, 4 1/2 ft long, 4 in. sq. 1 ft in the ground and built around a stone 2 1/2 ft high, as per instructions for cor. to Tps. 18 & 19 N. Rgs. 7 & 8 E. from which

A Pine, 28 in. dia. br. N. 42° W. 60 br. dist.

do. 27 " " " N. 45° E. 116 " "

do. 29 " " " S. 57° E. 95 " "

do. 26 " " " S. 89 1/2° W. 106 " "

Land broken. Soil poor. Grass. Scattering Oak trees & brush. Heavy Pine timber.

August 16. 1879.

Between Tps. 18 & 19 N. R. 8 E.

Gla & Salt River Meridian

No. From Dec 20 to Tps 18 & 19 N. Rps. 7 & 8 E, June
East. on true line between sec. 6 & 31.

var. $15^{\circ} 27'$ East

As Per Burt's Solar Compass.

And allowing for convergence - at

39.00 Set a post, marked 4 ft. long, flattened 3 in. side, from
the ground, driven charred stone & built around a post
of 4 ft. high, with pit of 4 ft. long, of 4 in. dia. a few inches
wide for 4 sec. on from which

A Post, 27 in. dia. on S. $13^{\circ} E$. 98 lbs. dist.

do. 28 " " " N. $87^{\circ} W$. 86 " "

42.57 Pair line tree 12 in. dia.

42.64 do. do. 18 " "

79.00 Set a post, marked and notched, 4 ft. long, 3 in.
sq. ft. from the ground, and built around a post of
4 ft. high, as per instructions for sec. 5, 6, 31 & 32, from which

A Post, 25 in. dia. on N. $52^{\circ} W$. 64 lbs. dist.

do. 30 " " " N. $80^{\circ} E$. 133 " "

do. 29 " " " S. $33^{\circ} E$. 96 " "

do. 25 " " " S. $70^{\circ} W$. 139 " "

Land broken. Soil poor. Grass.

Scattering Oak trees and brush.

Heavy Pine timber.

Between Nos. 18 & 19 N. R. 8 E.
 Gla & Salt River Warden

No. Eastward line between 5 & 39

var. 15° 24' East

4000 Stakepost, marked 1/4 S. 4 ft long, flattened 3 inches
 1/2 ft in the ground, and build mound of stones 2
 ft high, as per instructions for 4 sec. cor. from which
 a P.C. 36 in. dia. 60. North 42 lbs. dist.

do. 25 " " S. 50° E. 35 " "

74.32 Oak live tree 8 in. dia.

74.40 do. do. 12 " "

8000 Stakepost, marked & notched, 4 ft long, 3
 in. sq. 1/2 ft in the ground, and build mound of
 stones 2 ft high, as per instructions for cor. to Sec.
 4. S. 72 & 33. from which

a P.C. 20 in. dia. 60. S. 54° W. 28 lbs. dist.

do. 12 " " S. 12° E. 84 " "

do. 24 " " N. 15 1/2° W. 91 " "

do. 12 " " N 18° E. 190 " "

Land broken. Salt parr. Grass. Scattering
 Oak trees & brush. Heavy Pine timber

Between Tps. 18 & 19 N. R. 8 E

Gla & Salt River Meridian

No. East on true line between. 4 & 33

Var. 15° 24' East

4000 Set a post, marked 4 ft. 4 ft. long, flattened 3 in. wide, 4 ft. in the ground, down's chanced stone & build around a post 2 ft. high, with pile of deep. 2 ft. long. of boards a few instructions for 4 sec. cor. from which
 @ Pine, 23 in. dia. br. North 104 br. dist.
 do. 24 " " " S. 80° W. 245 " "

Considerable aspen timber around cor.

8000 Set a post, marked & notched, 4 ft. long, 3 in. sq. ft. in the ground, and build around a post of stones 2 ft. high, a few instructions for cor. to sec. 3. 4. 33 and 34. from which
 @ Pine, 26 in. dia. br. N. 42° W. 78 br. dist.
 do. 12 " " " N. 20° E. 77 " "
 do. 30 " " " S. 35° W. 227 " "
 do. 36 " " " N. 55° E. 199 " "

Land barren except. Salt per. Grass. Scattering
 Oak & Aspen trees. Heavy Pine timber.

Between Tps. 18 & 19 N. R. 8 E

Plat E Salt River Meridian

Ths. East on true line between sec. 34 & 35
var. 15° 27' E

4000 Set a post, marked 14 ft long, flattened 3 in wide,
1 ft in the ground, and built mound of stones 2 ft
high, as per instructions for 14 sec. cor. from which
a Pile, 36 in. dia. br. N. 60° W. 114 laid out
on base, 24 " " " S. 80° E. 57 " "

44.28 Pine lucie tree, 24 in dia

50.46 do. 29 " "

58.58 do. 36 " "

8000 Set a post, marked & notched, 4 ft long, 3 in sqd.
1 ft in the ground, and built mound of stones 2
ft high, as per instructions for cor. to sec. 2,
3, 34 & 35, from which

a Pile, 13 in. dia. br. N. 50 1/2° E. 26 laid out

do. 14 " " " N. 14° W. 36 " "

do. 20 " " " S. 35° E. 19 " "

do. 12 " " " S. 2° W. 52 " "

Land broken. Soil poor. Grass. Scattering Oak
and aspen trees. Oak brush. Heavy Pine timber.

Between Tps. 18 & 19 N., R. 8 E

Tla & Salt River Meridian

No East on true line bet. sec. 2 & 35
var. 15° 27' East9.90 Pine lime tree 12 in. dia.
34.16 do. do. 20 " "
37.38 do. do. 22 " "4000 Set a post, marked 14 S. 4 ft. long, flattened 3 in. wide,
1 ft. in the ground, and build mound of stones 2 ft. high
as per instructions for 14 sec. cor. from which
a Pine, 12 in. dia. br. S. 78° W. 7 crs. dist.
do. 13 " " " N. 10° E. 38 " "43.18 Pine lime tree, 30 in. dia.
~~47.74~~ do. 12 " "
50.27 do. 13 " "
54.46 Oak lime tree. 13 " "
69.50 Pine lime tree. 28 " "8000 Set a post, marked & notched, 4 ft. long, 3 in. sq. d.
1 ft. in the ground, and build mound of stones
2 ft. high, as per instructions for cor. to sec.
1, 2, 35 and 36. from which
a Fir tree, 25 in. dia. br. N. 10° E. 37 crs. dist
do. 12 " " " S. 80° E. 43 " "
do. 24 " " " S. 59° W. 66 " "
do. 22 " " " N. 60° W. 141 " "

Land broken hills. Soil poor.

Fir, oak and aspen timber.

Heavy Pine timber.

Peterson Trs. 18th & 19th N. Rgs. 8 & E.

Gila & Salt River Meridian

Trs. East on true line bet sec. 1 & 36.

var. 15th 2nd East.

Descending from high hill to. N. & S.

- 2000 Foot and run across narrow br. N. & S.
 4000 Set a post marked 14 S. 4 ft long, flattened
 3 in. wide, 1 ft in the ground, and build a
 mound of stone 2 ft high as per instructions
 for 14 sec. cor. from which
 a Pine, 26 in dia. br. S. 80° W. 52 br. dist.
 do. 30 " " " North 52 " "

45.39 Pine live tree

46.00 Ascend steep hill to. N. & S.

50.00 Top and descend on E. slope.

60.00 Foot and run on level ground.

61.09 Oak live tree 12 in. dia.

8000 Set a post, marked and notched, 4 1/2
 ft long, 4 in sq. d. 1 ft in the ground, and
 build mound of stone 2 ft high as per
 instructions for cor. to Trs. 18th & 19th N. Rgs. 8 & 9 E.
 from which

- a Pine, 29 in. dia. br. N. 49 1/2° E. 47 br. dist.
 do. 33 " " " S. 63° W. 116 " "
 do. 28 " " " N. 52 1/2° W. 118 " "
 do. 34 " " " S. 17° E. 264 " "

Land broken and hilly. Some good soil.
 Grass, Oak, Fir, Aspen and Heavy
 Pine timber. Oak brush and shrubs
 with sweet smelling flowers.

August 16. 1899

Between Tps. 18 N. Rgs. 8 & 9 E

1/2 Mile E Salt River Meridian

No. 1 From the corner Tps. 18 & 19 N. Rgs. 8 & 9 E, down
North on true line between sec. 1 & 6.
var. $15^{\circ} 31'$ East.

As per Burt's Salar Compass

4.86 Oak timber 12 in dia.

15.87 Pine timber 35 " "

23.83 do 34 " "

40.00 Set a post, measured 14 S. of long. 3 in wide,
flattened, 1 ft in the ground, and build
mound of stones 2 ft high, as per in-
structions for 1/4 sec. cor. from which

A Pine, 12 in. dia. br. S. 25° N. 41 hrs. dist.

" 30 " " " S. 50° E. 78 " "

68.59 Pine timber 31 in dia.

50.00 Set a post, measured & notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, and build
mound of stones 2 ft high, as per in-
structions for cor. to Secs. 1, 6, 7 and
12. from which

A Pine, 36 in dia. br. S. 6° N. 61 hrs. dist.

do, 38 " " " N. 75° N. 106 " "

do, 25 " " " S. 48° E. 119 " "

do, 28 " " " N. 70° E. 108 " "

Land broken. Soil poor. Grass.

Tim. Oak, Aspen & Heavy Pine timber.

Between Tps. 18 N, Rgs 8 & 9 E
 N. & Salt River Meridian

Tp. Southbetances 7 & 12
 var. 15° 31' East

- 12.15 Pine limb tree, 15 in. dia.
 12.39 do. 28 " "
 35.00 Descendants ravine bro. E.
 40.00 Setapat, marked 1/4 S. of flow. flattened 3
 in. wide, 1 ft in the ground, and build mound
 of stones 2 ft high, as per instructions for 1/4
 Sec. cor. from which
 a Pine 18 in. dia. bro. West 17 hrs. dist.
 do 24 " " " N. 70° E. 41 " "
- 40.81 Pine limb tree 12 in. dia.
 42.62 do. 30 " "
 43.17 do. 31 " "
 47.75 Dry creek, 20 hrs. wide, bro. E.
 50.00 Leave ravine, ascend low hills br. E. W.
 65.00 Top of ascent and descent.
 80.00 Setapat, marked & notched, 4 ft long,
 3 in. sq. 1 ft in the ground, and build mound
 of stones 2 ft high, as per instructions for
 cor. to Secs. 7, 12, 13 and 18. from which
 a Pine 29 in. dia. bro. S. 70° E. 63 hrs. dist.
 do. 26 " " " N. 56° E. 130 " "
 do. 14 " " " N. 69° W. 69 " "
 do. 14 " " " S. 26° W. 71 " "

Land broken. Sulphur. Grass.

Pine oak, aspen and Heavy
 Pine timber. Oak brush.

Between Tps. 18 N., Rgs. 8 & 9 E
 1st 6th & Salt River Meridian

Tps. South between secs. 13 & 18
 var. 15° 31' East

Still descending, -

- 0.73 Pine lucie trees 15 in. dia.
 11.00 Foot of descent, leave timber crs. E.W. and
 run on level ground.
 30.61 Creek with water, 500 yds wide, runs N. of E.
 36.00 Leave level ground, run on broken ground crs.
 E.W. and enter scattering timber, crs. E.W.
 40.00 Set a post, marked 74 S. 4 ft long, flattened 3
 in. wide, 1 ft in the ground, and build mound
 of stone 2 ft high, as per instructions for 74
 sec. cor. from which
 a Pine, 12 in. dia. crs. N. 88° W. 14 hands it.
 do 27 " " " N. 86° E. 85 " "
 45.18 Pine lucie tree 22 in. dia.
 77.94 Road crs. S.W. and N.E. and enter heavy timber E.W.
 80.00 Set a post, marked and notched, 4 ft long,
 3 in. sq. d. 1 ft in the ground, and build
 mound of stone 2 ft high, as per instruc-
 tions for Cor. Secs. 13, 18, 19 & 24, from which
 a Pine, 14 in. dia. crs. N. 19° W. 75 hands it.
 do. 26 " " " S. 10° N. 47 " "
 do. 19 " " " S. 68° E. 50 " "
 do. 20 " " " N. 76° E. 65 " "
 Land uneven. Some good land. Grass.
 Scattering Fir, Oak & Pine.

Between Secs. 18 N. Rps. 8 & 9 E
Sta & Salt River Meridian

Sec. South between secs. 19 & 22
var. 15° 31' East

- 5.19 Pine limb tree 24 in. dia.
- 10.68 do. 12 " "
- 19.30 do. 25 " "
- 40.00 Setapost, marked 4 S. off long flattened 3
in. wide, 1 ft in the ground, and build a
mound of stones 2 ft high, as per in-
structions for 74 sec. cor. from which
a Pine, 15 in. dia. on East, 50 bu. dist.
do. 39 " " " 179° N. 34. " "
- 45.54 Pine limb tree 15 in. dia.
- 55.10 Dry wash, 10 bu. wide, br. N.E.
- 76.53 Pine limb tree, 37 in. dia.
- 79.00 Dry wash, 10 bu. wide, br. N.E.
- 80.00 Setapost, marked and notched, 4
ft long, 3 in. sq. d. 1 ft in the ground,
and build mound of stones 2 ft high, as
per instructions for cor. to Secs. 19, 24,
25 and 30, from which
a Pine, 29 in. dia. br. N. 26° N. 58 bu. dist.
do. 30 " " " N. 87° E. 9 " "
do. 27 " " " S. 55° N. 49 " "
do. 28 " " " S. 28° E. 100 " "

Land broken. Soil poor.
Fir, Oak, and Heavy Pine timber.

Between Tps. 18 N. Rgs. 8 & 9 E
 Pla E Salt River Mendocino

Sec. South between secs. 25 & 30
 var. 15° 31' E.

- 9.81 Pine lucie tree 12 in. dia. And dry wash, 10 lbs. wide, bro N.E.
 11.45 do. " 14 " " "
 14.25 do. " 26 " " "
 4000 Set a post, marked 1/4 S. 4 ft long, flattened,
 3 in. wide, 1 ft in the ground, and built
 mound of stones 2 ft high, as per in-
 structions for 1/4 sec. cor. from which
 a Pine, 20 in. dia. bro. S. 78° E. 44 lbs. dist.
 do. 35 " " " N. 24° W. 95 " "
 49.00 Dry wash, 15 lbs. wide, bro. N.E.
 58.52 Pine lucie tree, 25 in. dia.
 58.64 Oak, do. 10 " "
 8000 Set a post, marked and notched, 4
 ft long, 3 in. sq. in. 1 ft in the ground, and
 built mound of stones 2 ft high, as
 per instructions for cor. to secs. 25, 30,
 31 and 36, from which
 a Pine, 31 in. dia. bro. S. 36° E. 49 lbs. dist.
 do. 32 " " " S. 89 1/2° W. 160 " "
 do. 40 " " " N. 45° W. 143 " "
 do. 33 " " " N. 58° E. 101 " "

Land barren. Soil poor.

Grass, Pin. Oak and Heavy

Pine timber. Oak brush.

Between Tps. 18 N. Rgs. 8 & 9 E

Pla & Salt River Meridian

Chs. South between sec. 31 & 36

Var. 16° 31' East

- 23.14 Pine tree 24 in dia.
 23.77 do. 25 " "
 29.68 do. 33 " "
 39.17 do. 26 " "
 40.00 Setapost, marked $\frac{1}{4}$ S. 4 ft long, flattened
 3 in wide, 1 ft in the ground, and build a
 mound of stone $\frac{1}{2}$ ft high, as per instruc-
 tion for 74 sec. cor. from which
 a Pine. 29 in dia. br. S. 41° E. 60 lbs. dist.
 do. 14 " " " West 53 " "
- 64.54 Pine tree 28 in dia.
 50.00 Setapost, marked and notched, $\frac{1}{2}$ ft
 long. 4 in. sq. 1 ft in the ground
 and build mound of stones $2\frac{1}{2}$ ft
 high, as per instructions for cor. to
 Tps. 17 & 18 N. Rgs. 8 & 9 E. from which
 a Pine. 15 in dia. br. N. 12° W. 87 lbs. dist.
 do. 20 " " " S. 34° W. 45 " "
 do. 16 " " " N. 42° E. 115 " "
 do. 27 " " " S. 34° E. 148 " "

Land broken. Soil poor.

Fir, Oak and Heavy Pine timber.
 Oak brush.

August 18, 1879

Between Tps. 17 & 18 N. R. 9 E

Gala & Salt River Meridian

Run from the Cor. to Tps. 17 & 18 N. R. 9 E. from
East on true line bet. secs 6 & 31.

var. $15^{\circ}20'$ East

As per Burd's Solar Compass.

- 6.15 Pine lime tree 34 in. dia.
8.51 do. 10 " "
14.95 do. 29 " "
15.13 do. 30 " "

39.50, Having allowed 50 lbs. for calcu-
lated convergence, - Set a post,
marked $\frac{1}{4}$ S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, and build
mound of stones 2 ft high, as per instruc-
tions for 14 sec. cor. from which
A Pine, 2 1/2 in. dia. br. S. 86° W. 14 lbs. dist.

do. 31 " " " N. 65° E. 69 " "

46.98 Pine lime tree 27 in. dia.

53.30 do. 34 " "

77.50 Set a post, marked & notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, and

Between Tps. 17 & 18 N. R. 9 E.
Tela & Salt River Merced Co.

Continued

No. build mound of stones of height
as per instructions for cor. to sec. 5-6-31
and 32, from which

A Pile, 30 in. dia. (60. S. 70° W. 90 lvs. dist.

do. 31 " " " N. 57° W. 134 " "

do. 35 " " " N. 12° E. 77 " "

do. 32 " " " S. 60° E. 100 " "

Land rolling. Some good soil. Grass
Heavy Pine timber. Scattering Oak trees.

Establishment line bet sec. 5 & 32
var. 15° 20' East

18.05 Pine limb tree 26 in. dia.

39.82 do. 28 " "

4000 Set a post, marked 14 S. 4 fl. long, flat-
tened 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft. high,
as per instructions for 4 sec. cor. from which
A Pile, 24 in. dia. (60. S. 87° W. 13 lvs. dist.
do. 29 " " " N. 89° E. 10 " "

Between Tps. 14 & 18 N. R. 9 E
 Gila & Salt River Meander

As Continued

62.39 Oak lime tree 12 in. dia.

8000 Set a post, marked and notched, 4
 ft long. 3 in sqd. from the ground
 and build mounds of stones of high
 as per instructions for cor. to Sec. 4.

5. 32 & 33. from which

A Pine, 35 in. dia. br. N. 30° W. 61 in. dist.

do. 36 " " " N. 50° E. 69 " "

do. 29 " " " S. 54° E. 85 " "

do. 32 " " " S. 72° W. 86 " "

Land broken thru level. Some good soil.
 Heavy Pine timber. Scattering Oak trees.

East. in tree line bet. sec. 4 & 33.

var. 15° 20' East

3.59 Pine lime tree, 10 in. dia.

20.00 Creek, in rock bed, 5 ft. wide, with water
 in places runs N. E. Cross & ascend.
 on high table. br. N. 45°

35.18 One lime tree 25 in. dia.

Between Tps. 17 & 18 N. R. 9 E

Gla & Salt River Meridian

No. Continued

- 4000 Set apart marked 4 ft. 4 ft long flat-
tened 3 in wide, 1 ft in the ground,
drive charred stake and build
mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for 1 sec. cor. from which
A Pair. 12 in. dia. br. S. 5° E. 74 land dist.
do. 18 " " " North 183 " "
- 8000 Set apart marked & marked, 4 ft long
3 in. sq. 1 ft. in the ground, and build
mound of stone 2 ft high, as per instruc-
tions for cor to Sec. 3, 4, 33 and
24, from which
A Pair. 34 in. dia. br. S. 89½° W. 20 land dist.
do. 31 " " " S. 26½° E. 55. "
do. 30 " " " N. 88° E. 30 " "
do. 24 " " " N. 48° W. 118 " "
- Land broken then high table. Soil poor.
Frac. Heavy Pine timber. Scattering patches

Between Tps. 17 & 18 N. R. 9 E
 Tola & Salt River Meridian

to East contour line between 3 & 34
 var. 15° 20' East

15.00 Ascend N. slope Lawson Mountain, brs. S. & SE.

25.12 Fir lime tree 29 in. dia.

40.00 Set a post, marked 4 ft S. of blong, flat-
 tened 3 in. wide, 1 ft in the ground,
 and build mound of stones 2 ft high,
 as per instructions for 4 sec. cor. from which
 a Fir, 21 in. dia. brs. S. 35° W. 50 lbs. dia.
 a Pine, 18 " " " N. 45° E. 68 " "

46.00 Top of ascent and descend into deep
 ravine brs. W. of N. and E. of S.

66.23 Road to Saw Mill brs. N. & S.

69.00 Ascend steep slope brs. N. & S.

72.90 Oak lime tree 10 in. dia

79.00 Top of ascent, run on high table brs. N. & S.

80.00 Set a post, marked and notched, 4 ft
 long, 3 in. sq. d. ft. in the ground, and
 build mound of stones 2 ft high, as per
 instructions for cor. to Secs. 2, 3, 34

Between Tps. 17 & 18 N. R. 9 E
 Gila & Salt River Meridian

Continued
 No. 35. from which
 A Pine. 23 in dia. br. S. 88 1/2° W. 49 br. dist.
 do. 22 " " " N. 5° E. 67 " "
 do. 34 " " " N. 33° W. 106 " "
 do. 29 " " " S. 51 1/2° E. 185 " "
 Land broken & mountainous. Soil poor.
 Fir, Oak, Aspen, and heavy pine timber.
 Oak brush.

Each in true line between 2 & B 3
 var. 15° 20' East

36.56 Pine tree 29 in dia.
 4000 Set a post, marked 1/4 S. 4 ft long, flattened
 3 in wide, 1/2 ft in the ground, and build
 mound of stones 2 ft high, as per in-
 structions for 1/4 sec. cor. from which
 A Pine. 35 in dia. br. N. 84° E. 43 br. dist.
 do. 30 " " " S. 49° W. 94 " "
 5700 Marshy spring, 100 br wide, br. N. & S.
 77.27 Pine tree 30 in dia.

Between Tps. 17 & 18 N. R. 9 E
Tala & Salt River Meridian

Continued

000 Set post, marked Engraved, 4 ft
long. 3 in sq. d. 1 ft in the ground, and built
mound of stones 2 ft high as per instru-
tion for cor. to Sec. 1, 2, 35 & 36. from which
a Pile, 22 in. dia. br. N. 75° E. 63 hrs. dist.

do. 12 " " " S. 13° E. 80 " "

do. 26 " " " N. 15° W. 130 " "

do. 30 " " " S. 22° W. 435 " "

High broken table. Soil poor. Scattering
Pine timber.

East on true line bet sec. 1 & 36.

var. 15° 20' East

000 Set a post, marked 74 S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground, and
built mound of stones 2 ft high as per in-
struction for 74 sec. cor. from which
a Pile, 10 in. dia. br. S. 1° W. 11 hrs. dist.

do. 11 " " " N. 15° E. 35 " "

Between Tps. 17 & 18 N., R. 9 E
 Tla & Salt River Meridian

No. Continued

67. 18 Pine lime tree 13 in. dia.
 80. 00 Set a post, marked & watched, 4 1/2 ft. long. Hairs set 1/2 ft. in the ground, and build mound of stones 2 1/2 ft. high, as per instructions for route Tps. 17 & 18 N., ranges 9 and 10 E. from which a Pine, 24 in. dia. base, N. 52 1/2° E. 191 links dist.
- do. 29 " " " S. 43 1/2° E. 187 " "
 do. 26 " " " S. 45° W. 108 " "
 do. 31 " " " N. 17 3/4° W. 199 " "

Land broken table. Soil poor. Grass.

Heavy Pine timber.

August 18. 1879.

W. S. E. + N. Boundaries Sp. 17 N. R. 10 E.
S. and W. do. " 17 N. R. 9 E.
E. and N. do. " 19 N. R. 8 E.
East Boundary " 20 N. R. 8 E.

J.P.F.

Rec'd Sept 26

Between Tps. 17 N. Rgs. 9 & 10 E
 1/4 Salt River Meridian

August 18, 1849

No. From the cont. Tps. 17 & 18 N. Rgs. 9 & 10 E. In
 path on true line between secs. 1 & 6.
 var. 15° 24' East.

As per Buys Solar Compass

6.50 Pine line tree 37 in. dia.

4000 Set a post, marked 14 S. 4 ft long, flattened
 3 in. wide, 1 ft. in the ground, and build
 mound of stones 2 ft high as per instruc-
 tions for 4 sec. cor. from which

A Pine. 36 in. dia. N. 22° E. 100 lbs. dist.
 do. 30 " " " West. 160 " "

8000 Set a post, marked 8 marked, 4 ft long,
 3 in. sq. 1 ft. in the ground, and build mound
 of stones 2 ft high, as per instructions for cont.
 secs. 1, 6, 7 and 12, from which

A Pine. 12 in. dia. N. 25° W. 47 lbs. dist.

do 28 " " " N. 48° E. 25 " "

do. 36 " " " S. 83° W. 53 " "

do 27 " " " S. 84° E. 151 " "

Land stony table, Soil poor. Scattering bar
 trees. Heavy Pine timber.

Between Tps. 17 N. Rps. 9 & 10 E

Old Salt River Meridian

No. Souths between sec 7 & 12

var. 15° W East

4000 Set a post, marked 4 ft. 4 ft long, flattened on sides,
 1 ft in the ground, and built around a stone 2 ft
 high, as per instructions for 4 sec. cor. from which

A Pine. 34 in. dia. br. N. 57° W. 52 hrs. dist
 do. 21 " " " N. 65° E. 76 " "

60. 38 Road to Sawmill br. NW. and S. E.

60. 72 Pine timber 32 in. dia.

8000 Set a post, marked & notched, 4 ft long, 5
 in. sq. d. 1 ft in the ground, and built a
 mound of stones 2 ft high, as per in-
 structions for cor. to sec. 7. 12. 13 & 18. from which

A Pine. 35 in. dia. br. S. 42° W. 55 hrs. dist

do. 11 " " " S. 44° E. 95 " "

do. 29 " " " N. 75° E. 180 " "

do. 12 " " " N. 76° W. 232 " "

Land slightly rolling. Soil poor.

Scattered oaks trees. Grass.

Heavy Pine timber.

Between Tps. 14 N. Rgs. 9 & 10 E
 Gila & Salt River Meridian

No. South between sec. 13 & 18.
 var. 15° 24' East

34.80 Pine limb tree 30 in. dia.

4000 Set a post, marked 14 S. 4 ft long, flat-
 tened 3 in wide, 1 ft in the ground, and
 build mound of stones 2 ft high, as per
 instructions for 14 sec. cor. from which
 A Pine, 13 in. dia. on S. 5° E. 63 lvs. dist.

Do. 21 " " N. 52° W. 126 " "

58.92 Pine limb tree 29 in. dia.

76.38 Do. 21 " "

8000 Set a post, marked E notched, 4 ft long,
 3 in. sq. 1 ft in the ground, and build mound
 of stones 2 ft high, as per instructions for
 cor. to Secs 13, 18, 19 and 20 from which
 A Pine, 21 in. dia. on N. 81° E. 9 lvs. dist.

Do. 20 " " N. 84° W. 9 " "

Do. 12 " " S. 40° W. 13 " "

Do. 28 " " S. 75° E. 88 " "

Sand broken Soil par. Heavy Pine timber.

Between Tps. 17 N. Rgs. 9 & 10 E
Tla & Salt River Meridian

No South between sec. 19 & 24
var. 15° 24' East

- 1.42 Branch road cor. N. N. & S. E.
3.89 Pine limb tree 12 in. dia.
11.40 do. 33 " "
15.14 do. 34 " "
19.65 do. 12 " "
27.36 do. 29 " "
39.13 do. 27 " "
4000 Set a post, marked $\frac{1}{4}$ ft. long, flattened
3 in. wide, 1 ft. in the ground and build
mound of stones 2 ft. high, as per in-
structions for $\frac{1}{4}$ sec. cor. from which
a Pine 30 in. dia. br. N. 80° W. 28 cor. dist
19 " " " S. 81° E. 50 " "

- 5000 Set a post, marked & notched $\frac{1}{4}$ ft. long, 3 in.
sq'd. 1 ft. in the ground, and build mound of
stones 2 ft. high, as per instructions for cor.
to sec. 19. 24. 25 and 26, from which
a Pine 20 in. dia. br. N. 83° E. 47 cor. dist.
do. 21 " " " N. 85° W. 39 " "
do. 25 " " " S. 30° E. 89 " "
do. 26 " " " S. 10° W. 67 " "

Land broken. Soil poor. Scattering Oak
trees and brush. Heavy Pine timber.

Peterson Trs. 14 N. Rgs. 9 & 10 E

Plat & Salt River Meridian

Trs. South between secs. 25 & 30
var. 15th E.

4.17 Pine lime tree 28 in. dia., & descend to base ground to SW.

11.65 Abnail bro. E. 110.

39.50 Dry gulch 10 in. wide bro. E.

4000 Set a post, marked 4 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, and build mound
of stones 2 ft high, as per instructions for
the sec. cor. from which

A Pine, 26 in. dia. bro. S. 59° E. 18 in. dist.

An Oak, 12 " " " N. 28° W. 20 " "

A Spring of water bro. E. about 200 in. dist.

52.25 Road from Saw Mill to Pine Springs bro. E. 110.

57.05 Pine lime tree 44 in. dia.

61.71 do. 30 " "

8000 Set a post, marked & notched, 4 ft long.

3 in. sq. d. 1 ft in the ground, and build mound
of stones 2 ft high as per instructions for cor. to
secs. 25-30. 31 and 36, from which

A Pine, 30 in. dia. bro. N. 13° E. 44 in. dist.

A Pine, 23 " " " N. 25° W. 45 " "

do. 15 " " " S. 89° E. 11 " "

do. 29 " " " S. 44° W. 69 " "

Land brown. Soil poor. Grass.

Scattering Oak trees and brush.

Heavy Pine timber.

Between Tps. 17 N. Rgs. 9 & 10 E.
Gla & Salt River Meridian

Th. South. between sec. 31 & 36.
24. 15° 24' East
Ascending low mountains br. E & W

- 2.54 Pine linc tree 12 in. dia.
 - 14.10 do. 24 " "
 - 19.24 Fir linc tree 32 " "
 - 24.29 " do 30 " "
 - 4000 Set a post, marked 74 S. 4 ft long flattened
3 in. wide, 1 ft in the ground, and build
mound of stones 2 ft high, as per instructions
for 74 sec. cor. from which
A Pine 24 in. dia. br. S. 50° W. 37 ac. dist.
A Fir. 36 " " " N. 2° E. 128 " "
 - 46.04 An Oak linc tree 15 in. dia.
 - 69.29 do. do. 15 " "
 - 69.80 A Fir linc tree 32 " "
 - 8000. The 4th Standard N. Set a post, marked
and notched, 4 1/2 ft long, 4 in. sq. d. 1 ft
in the ground, and build mound of
stones 2 ft high, as per instructions
for standard cor to Tps. 17 N. ranges
9 and 10 E. from which
An Oak 14 in. dia. br. N. 71° W. 113 ac. dist.
A Pine 25 " " " N 29° E. 110 " "
- Cannot mark trees S. of line.
Land brown and mountainous Soil poor.
Scattering Fir, Oak, Aspen, and Heavy
Pine timber. August 18. 1879.

S. Boundary Tps. 17 N. R. 10 E.
Gala & Salt River Meridian

No. From the Standard cor. to Tps. 17 N. Rps 9 & 10 E. Sec
East or true line on S. boundary sec. 31.

var. 15° 30' East

Aspen & Pine Solar Compass.

Descending gradually E.

4000 Set a post, marked 14 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, and build a
mound of stones 2 ft high as per instructions
for 4 sec. cor. from which
a Pine 36 in. dia. br. N. 35° W. 13 lbs. dist
do 50 " " " N. 36° E. 99 " "

~~47~~ 9 Pine live tree 17 in dia.
8000 Set a post, marked, and notched, 4 ft long,
3 in sq. 1 ft in the ground, and build a
mound of stones 2 ft high, as per instruc-
tions for cor. to Secs. 31 and 32.
from which
a Pine, 29 in. dia. br. N. 13° E. 246
do. 35 " " " N. 12 1/2° W. 215

Cannot mark trees on the S.

Land mountainous and descending
E. Fir, Oak, Aspen & Pine timber.
Oak & Brush. Grass.

S. Boundary Tp. 17 N. R. 10 E

7th & Salt River Meridian

Ch. Est. on S. Boundary sec. 32
var. 15° 30' East

12.99 Pine lime tree, 35 in. dia. And enter upon rolling land on N. & S.

4000 Set a post, marked 74 S. 4 ft long, flattened 3 in wide. 4 ft in the ground, and build mound of stones 2 ft high, as per instructions for 74 sec. cor. from which

A Pine, 30 in. dia. on N. 45° W. 60 lbs. dist
on var. 12 " " " N. 33° E. 94 " "

5000 Set a post, marked and watched 4 ft long, 3 in sqd. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for Standard Cor to Secs. 32 and 33.

from which

A Pine 36 in. dia. on N. 27° W. 33 lbs. dist.
do 18 " " " N. 67 1/2° E. 85 " "

Land rolling, Soil poor.

Scattering Pine timber.

S. Boundary Tp. 17 N. R. 10 E

Pla & Salt River Meridian

No. East. on S. boundary sec. 33.

var. $15^{\circ}30'$ East.

2.00 Leave timber. N. & S. into open ground.

4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for 14 sec. cor.

No trees near.

8000 Set a post marked and notched, 4 ft long, 3 in sq, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor to Secs. 33 and 34.

No trees near.

Land slightly descending E.

Some good soil grass.

No timber.

S. Boundary of Twp. 17 N. R. 10 E.

Gila & Salt River Meridian

No. East, on S. boundary sec. 34
ran. 15° 30' East

4000 Set a post, marked 74 S. 4 ft long
flattened 3 in wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per in-
structions for 74 sec. cor.
No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq d, 1 ft in the
ground, and build mound
of stones 2 ft high, as per in-
structions for standard cor.
to Secs. 34 and 35.

No trees near.

Land level.

Soil poor.

Fine grass.

No timber.

S. Boundary of Tr. 17 N. R. 10 E

Gila & Salt River Meridian

No. Eastern Boundary sec. 35.

var. $15^{\circ}30'$ East

4000 Set a post, marked $7/4$ S. 4 ft long, flattened 3 in wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for $7/4$ sec. cor.

No trees near.

8000 Set a post, marked and notched, 4 ft long, 3 in. sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for corner Secs. 35 and 36.

No trees near.

Land slightly rolling.

Soil poor. Fine Grass.

No timber.

BOOK 1315

S. Boundary Tp. 17 N. R. 10 E

Gila & Salt River Meridian

Eupt in

No. 1 S. Boundary of sec. 36.

var. 16°30' E.

4000 Set a post, marked 4 S. 4 ft long, flattened Fairwood, 1 ft in the ground, and build a mound of stones 2 ft high, as per instructions for 4 sec. cor. No trees near.

8000 Set a post, marked and notched, 4 1/2 ft long, 6 in. sq. d. 1 ft. in the ground, and build mound of stones 2 1/2 ft high, as per instructions for ^{Standard} Cor. to Townships 17 N. ranges 10 and 11 E. No trees near.

Land somewhat rolling.

Soil poor. Fine Grass.

No timber.

Between Tps. 1st N. Rgs. 10 & 11 E.
Tla & Salt River Meridian

No. From the Standard cor. to Tps. 1st N. Rgs. 10 & 11 E. and
North between secs. 31 & 36

var. 15° 24' East

As per Buick Solar Compass

17.20 A pine limb tree 23 in. dia.

22.20 Road to Jaycox Tank to S.E. & N.W.

4000 Set a post, marked 4 ft. 4 ft. long, flat-
tened 3 in. wide. 1 ft. in the ground, and
build mound of stones 2 ft. high, as per
instructions for 1/4 sec. cor. No trees near.

80.00 Set a post, marked and notched 4 ft.
long. 3 in. sq. d. 1 ft. in the ground, and
build mound of stones 2 ft. high, as per
instructions for cor. to secs. 25, 30, 31
and 36. No trees near.

Land rolling. Soil poor.

Pine Grass. A few scattering

Pine and Cedar trees.

Between Tps. 17 N. Rgs. 10 & 11 E
 Gila & Salt River Meridian

No. North between secs. 25 & 30.
 var. 15° 24' East

2000 Ascending gradually on N. slope of
 high hill to the N.E.

4000 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 and build mound of stones 2 ft high,
 as per instructions for 1/4 sec. cor.
 from which

A Juniper, 6 in. diam. N. 82° E. 48 in. dist.
 do. 18 " " " N. 27° W. 230 "

8000 Top of ascent. Set a post, marked &
 notched, 4 ft long, 3 in. sq. d. 1 ft in the
 ground, and build mound of stones 2
 ft high, as per instructions for cor. to sec.

19, 24, 25 and 30. from which

A Pine, 23 in. diam. S. 63° E. 104 in. dist.
 do. 8 " " " N 43° W. 40 " "

No other trees near.

Land ascending N. Soil poor. Grass
 Scattering Juniper, cedar, Pine and
 Piñon.

Between Tps. 17th N. Rgs. 10 & 11 E
 Tula & Salt River Meridian

Sec. North between secs. 19 & 24
 or 15th & 27th E.

Descend N.W. Slope high hill on S.E.

4000 Set a post, marked 74 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 and build mound of stones 2 ft
 high, as per instructions for 74 sec
 cor. No trees near.

6000 Foot of descent and sun on broken
 ground.

8000 Set a post, marked and watched,
 4 ft long, 3 in sq. 1 ft in the ground,
 and build mound of stones 2 ft
 high, as per instructions for cor.
 to secs. 17, 18, 19 and 24.

No trees near.

Land broken Soil Poor. Fine
 Grass. Scattering Pine and
 Juniper trees.

Between Tps. 17 N. Rgs 10 & 11 E
Tola & Salt River Meridian

Ths North between secs. 13 & 18

var. 15° 27' East

4000 Set a post, marked 4 S. 4 ft. long,
flattened 3 in wide, 1 ft. in the ground,
and build mound of stones 2 ft
high, as per instructions for 4
sec. cor. From which

A Pine 26 in. dia. br. S. 69° E. 297 lbs. dia.
No other tree near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq. 1 ft. in the
ground, and build mound of
stones 2 ft high, as per instructions
for cor. to secs. 7, 12, 13 and 18.
from which

A Cedar 10 in. dia. br. S. 40° N. 30 lbs. dia.
No other trees near.

Sand broken. Soil poor. Fine Grass.
Scattering Pine & Cedar trees.

Between Tps. 14 N. Rgs. 10 & 11 E
Tila & Salt River Meridian

Tps. North between secs. 7 & 12,
var. $13^{\circ} 24'$ East

0.20 Road from Saw Mill to Brigham Cr. NE.
and SW.

4000 Set a post, marked 14 S. 4 ft long, flat
tend 3 in. wide, 1 ft. in the ground
and build mound of stones 2 ft high
as per instructions for 14 sec. cor.
No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft. in the ground
and build mound of stones 2 ft
high, as per instructions for cor. to
secs. 1, 6, 7 and 12.

No trees near.

Land broken.

Soil Poor.

Fine Grass. Scattering Cedar trees.

Between Tps. 17 N. Rgs. 10 & 11 E
Tla & Salt River Meridian

No. North between secs 1 & 6

var. 15° 24' East

4000 Set a post marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tions for 1/4 sec. cor.

No trees near.

8000 Set a post, marked & notched, 4 1/2
ft long, 4 in sq d, 1 ft in the ground,
and build mound of stones 2 1/2
ft high, as per instructions for Cor.
to Tps. 17 & 18 N, Rgs. 10 & 11 E,
from which

A Cedar, 20 mi. dir. Co. S. 86° E, 67 lns. dist

do. 10 " " " N. 170° E. 284 " "

No other trees near.

Land rolling, soil poor. Fine Grass.
Scattering Cedar & Pine trees.

August. 19. 1879.

Petocan Tps. 17 & 18 N. R. 10 E

Pla. E Salt River Meridian

From the cor. to Tps. 17 & 18 N. Rps. 10
and 11 E. Issue

West on random line on N. boundary
secs. 1. 2. 3. 4. 5. 6.

var. $15^{\circ} 32'$ East

As per Buitt's Salar Compass

I set temporary cors. at every 40
and 80 chs, and at 5 miles and
79.69 chs. I intersect at a point
50 lns. N. of cor. to Tps. 17 and 18
N. ranges 9 and 10 E. Therefore
the correction will be $31 \frac{1}{2}$ chs. N. ~~W.~~
and $8 \frac{1}{2}$ lns. S. per mile.

From the cor. to Tps. 17 & 18 N. Rps. 9 & 10 E. Run
N. $89^{\circ} 56'$ E.

On true line bet. secs. 6 & 31.

var. $15^{\circ} 32'$ East.

3000 Leave heavy Pinion on N. & S.

79.69 Set a post, marked 74 & 4 ft long,
flattened 3 in wide, 1 ft in the

Between Tps. 17^E & 18^N, R. 10 E
 Pla & Salt River Meridian

Continued

No. ground, and build mound of stones
 2 ft high, as per instructions for 74
 sec. cor. from which

A Pine, 12 in. dia. tr. N. 34° E. 258 br. dist.

do. 14 " " N. 82° W. 329 " "

74.60 Pine limb tree 9 in. dia.

79.69 Set a post, marked & notched, 4
 ft long. 3 in. sq. d. 1 ft in the ground.

and build mound of stones 2 ft
 high as per instructions for cor. to
 Secs. 5, 6, 31 and 32, from which?

A Pine, 12 in. dia. tr. S. 35° E. 10 br. dist

do. 13 " " S. 65° W. 158 " "

do. 11 " " N. 66° W. 97 " "

do. 9 " " N. 48° E. 233 " "

Land rolling. Soil poor. Grass.
 Scattered Pine timber.

Between Tps. 17 & 18 N. R. 10 E

W. & Salt River Meridian

Co. N. 89° 56' E. true line bet. sec. 5 & 32
var. 15° 32' East

4000 Set a post, marked 74 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, and build mound
of stones 2 ft high as per instructions for 74 sec.
cor. from which

A Pine, 16 in. dia. bro. N. 59° W. 54 hrs. dist.
do. 15 " " " S. 48° W. 80 " "

48.87 Drive road bro. N. 25.

~~4000~~ Set a post, marked and notched, 4 ft
long, 3 in. sq. d. 1 ft in the ground,
and build mound of stones 2 ft high
as per instructions for cor. to sec.
4. 5. 32 and 33. from which

A Pine 8 in. dia. bro. N. 40° W. 16 hrs. dist.

do. 13 " " " S. 16° W. 73 " "

do. 16 " " " S. 84° E. 319 " "

do. 17 " " " N. 58° E. 369 " "

Land slightly rolling, Soil poor.
Grass, Scattering Pine timber.

Between Nos. 17 & 18 N. R. 10 E
Tla & Salt River Meridian

No. N. 89° 56' E.

Between line between Secs. 4 & 33

var. 15° 32' East

4000 Set a post, marked 74 S. 4 ft long
flattened 3 in wide, 1 ft in the
ground, and build mound of stones
2 ft high, as per instructions for
4 sec. cor. No trees near

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. & 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
cor. to Secs. 3, 4, 33 and 34.

No trees near.

Land slightly rolling. Some
good soil. Grass.

Scattering Pine trees.

Between Nos. 17 & 18 N. R. 10 E

File & Salt River Meridian

No. N. 89° 56' E.

Outline between sec. 3 & 34
var. 15° 32' East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide 1 ft in the
ground, and build mound
of stones 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor.

No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq d. 1 ft in the
ground, and build mound of
stones 2 ft high, as per in-
structions for cor to Sec. - 2, 3,
34 and 35.

No trees near.

Land slightly rolling. Some
good soil. Grass. No timber.

Between Tps. 14 & 18 N. R. 10 E
 7th & Salt River Meridian

Sec. A. 89.56 E.

Outline line between secs. 2 & 35.

var. 15° 32' East

4000 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per instruc-
 tions for 1/4 sec. cor.

No trees near.

8000 Set a post, marked and notched, 4
 ft long, 3 in sq'd, 1 ft in the ground,
 and build mound of stones 2 ft high
 as per instruction for cor. to Secs. 1,
 2, 35 and 36 - from which

A Cedar 12 in dia. on N. 58° N. 229 ft dist.

do. 12 " " " S. 15° E. 129 " "

No other trees near.

Land rolling, Soil poor. Scat-
 tering Cedar trees.

Between Tps. 17 & 18 N. R. 10 E
 Tla & Salt River Meridian

No. N. 89° 56' E.

Outline line between secs. 1 & 36.
 var. 15° 32' East

4000 Set a post, marked 74 S. 4 ft long, flat-
 tened 3 in. wide. 4 ft in the ground, and
 build mound of stones 2 ft high, as
 per instructions for 74 sec. cor.

No trees near.

8000 The cor. to Tps. 17 & 18 N. R. 10
 10 and 11 E.

Land slightly rolling.

Some good soil.

Grass.

Scattering Cedar, Pine &
 Piñon trees.

August 20. 1879.

Slater.

S. Boundary Sp. 17th N. R. 9 E

Gila & Salt River Meridian

From the Standard cor. Sp. 17th N. R. 9 E. Sec. 36.
West on true line on S. boundary sec. 36.
var. $15^{\circ} 29'$ East

As per Rust Solar Compass

According to mountain br. N. S.

3000 Top of ascent and run on N. side of Gap running
E. W.

3500 Descending to the W.

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in.
wide, 1 ft. in the ground, and build mound of stones
2 ft. high, as per instructions, for $\frac{1}{4}$ sec. cor. from which
a Oak, 6 in. dia. br. N. 1° W. 8 lbs. dist
a Pine, 15 " " " N. 35° E. 231 " "

56.79 A Fir live tree 28 in. dia.

8000 Set a post, marked & notched 4 ft. long, 3
in. sq. d. 1 ft. in the ground, and build mound
of stones 2 ft. high, as per instructions for
Standard cor. to sec. 35 & 36 from which
a Pine, 28 in. dia. br. N. 15° E. 69 lbs. dist
do. 30 " " " N. 80° W. 184 " "

Cannot locate trees on the S.

Land mountainous. Soil poor. Scattering
Fir, Oak, and Pine timber, oak brush.

S. Boundary Tp. 17 N. R. 9 E
 Fla & Salt River Meridian

No West on S. boundary sec. 35

var. 15° 29' East

Still descending N. —

- 9.59 Pine linc tree 29 in. dia.
- 14.70 Oak linc tree, 12 in. dia. And some on rolling ground, br. N. 85.
- 18.54 Pine linc tree 36 in. dia.
- 33.47 Road from Saw Mill to Pine Springs br. S. & S. E.
- 34.13 Oak linc tree, 10 in. dia.
- 40.00 Set a post, marked 74 S. 4 ft long, flattened 3 in. wide, 1 ft in its ground. Drive chanced, staves and build mound of earth 2 ft high, with pits 1 ft deep. 2 ft long, 1 ft wide, as per instructions for 74 sec. cor. from which
 - A Pine, 36 in. dia. br. N. 25° W. 107 lns. dist
 - do. 35 " " " S. 55° E. 111 " "
- 51.44 A Pine linc tree 25 in. dia.
- 67.61 do. " 18 " "
- 68.19 do. " 22 " "
- 80.00 Set a post, marked & marked, 4 ft long, 3 in. sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to sec. 34 and 35. from which
 - A Pine, 10 in. dia. br. N. 80° W. 14 lns. dist
 - do. 18 " " " N. 30° E. 177 " "

Land rolling. Some good soil. Grass.
 Some heavy Pine timber. Oak trees & brush.

August 25, 1879.

129

4th Standard N.

BOOK 1315

S. Boundary Sp. 17 N. R. 9 E

Pl. & Salt River Meridian

No. West on S. Boundary sec. 34
var. 15° 29' East.

15.31 A Pine tree 29 in. dia.

28.50 do. " 24 " "

39.70 do. " 22 " "

4000 Setapost, marked 14 S. 4 ft. long, flat-
tened 3 in. wide. 1 ft. in the ground.
dome charred stone and build mound
of earth 1 ft. high, with pits 1 ft. deep,
2 1/2 ft. long, 1 ft. wide as per instruction
for 14 sec. cor. from which

A Pine. 24 in. dia. br. N. 60° W. 29 lin. dist.
do. 24 " " " N. 40° E. 29 " "

60.50 A Pine tree 24 in. dia.

8000 Setapost, marked and notched, 4 ft.
long, 3 in. sq. d. 1 ft. in the ground and
build mound of stones 1 ft. high as per in-
struction for cor. to sec. 33 & 34. from which

A Pine. 20 in. dia. br. N. 4° W. 44 lin. dist.
do. 18 " " " N. 17° E. 150 " "

Land mostly level. Soil Good,
Grass. Heavy Pine timber.

S. Boundary Tp. 14 N. R. 9 E

Pa & Salt River Meridian

No. West of S. Boundary sec. 33.

var. 15° 29' East

- 9.95 Leavetimber br. N. & S. and enter open park.
 - 23.51 Limb tree (Pine) 37 in. dia. and enter timber brs. S.E. & N.W.
 - 36.00 Leavetimber brs. N.E. & S.W., enter park again.
 - 40.00 Setapost, marked 1/4 S. 4 ft long, flat-topped 3 in wide, 1/2 ft from the ground, and build mound of stones 2 ft high, as per instructions for 1/4 sec cor. No trees near.
 - 47.00 Enter timber brs. N. & S. & run on high ground.
 - 80.00 Setapost, marked & notched, 4 ft long, 3 in. sq. d. 1/2 ft from the ground, and build mound of stones 2 ft high, as per instructions for cor. to sec. 32 and 33, from which
 a Pine, 30 in. dia. br. N. 70° E. 64 in. dist.
 do. 12 " " " N. 70° W. 42 " "
- Land mostly level. Soil good. Grass. Some heavy pine timber.

BOOK 1315

S. Boundary Tr. 1st N. R. 9 E

Tla & Salt River Meridian

Tr. West on Boundary Sec. 32
var. 15° 29' East.

- 19.33 A Pine tree 24 in dia.
- 4000 Set a post, marked 14 S, 4 ft long,
flattened 3 in wide, 1 ft in the ground,
and build mound of stones 2 ft high
as per instructions for 4 sec. cor. from which
A Pine, 24 in dia. br. N. 50° W. 101 ben. dist.
do. 25 " " " North 113 " "
- 55.92 A Pine tree 29 in dia.
- 56.38 do. " 39 " "
- 8000 Set a post, marked and notched,
4 ft long, 3 in sq. d. 1 ft in the ground
and build mound of stones 2 ft
high as per instructions for cor. to Secs
31 and 32, from which
A Pine, 28 in dia. br. N. 8° E. 36 ben. dist.
do. 29 " " " N. 58° W. 68 " "
- Land slightly rolling, Some
good soil. Grass
Heavy pine timber.

S. Boundary Tps. 17 N. R. 9 E.

W⁴ Salt River Meridian

Ch. West on S. Boundary sec. 31
var. 15° 29' East

17.23 Pine lime tree 12 in dia.

16.67 Oak do. 15 " "

4000 Set a post, marked 145. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground. Drive
charred stake & build mound of earth 1 ft
high with pits 1 ft deep, 2 1/2 x 6 long, 1 ft
wide as per instructions for 1st sec. cor.
from which

a Pine, 20 in dia. br. N. 20° W. 104 lbs. dist

do 19 " " " N. 45° E. 95 " "

49.43 Pine lime tree 19 in dia.

19.51 do. " 28 " "

8000 Set a post, marked & notched, 4 1/2
ft long, 4 in. sq. d. 1 ft in the ground
and build mound of stones 2 ft high
as per instructions for standard cor.
to Tps. 17 N. Rgs. 8 and 9 E.
from which

a Pine, 28 in dia. br. N. 50° E. 77 lbs. dist

do 30 " " " N. 75° W. 105 " "

Land slightly rolling. Some good soil
Grass. Heavy Pine timber

Between Tps. 17 N. Rgs. 8 & 9 E
 Tlaas Salt River Mendocino

To From the Standard cor. to Tps. 17 N. Rgs. 8 & 9 E. Sec. 36
 North between secs 34 & 36.
 var. 15° 35' East

As per Buets Solar Compass

- 2.75 Pine lime tree 18 in. dia.
 4.30 " do. 19 " "
 8.76 " do. 30 " "
 32.08 " do. 23 " "
 4000 Set a post, marked 14 S. 4 ft long, flat-
 tened 3 in wide, 1 ft in the ground,
 and built mound of stones 2 ft high, a few
 instructions for 14 sec. cor. from which
 Abn. 29 in. dia. 62 East 2 hrs. west
 do. 30 " " " S. 5° N. 14 " "
 43.96 Pine lime tree 24 in. dia.
 53.42 " do. 28 " "
 58.11 " do. 12 " "
 61.05 " do. 29 " "
 8000 Set a post, marked & notched 4 ft long,
 3 in sq. d. 1 ft in the ground, and built

Between Sp. 17 N. Rgs. 8 & 9 E
 Gla & Salt River Meridian

Continued

The mound of stones of high aspen mixture
 time for cor. Secs. 25 & 30. 31 & 36, from which

A Pine. 36 in dia. br. S. 57° E. 27 in. dist.

do. 30 " " " N. 75° E. 64 " "

do. 30 " " " S. 44° W. 48 " "

do. 28 " " " N. 16° W. 104 " "

Land broken Salt pool. Heavy Pine timber,

North between Secs. 25 & 30

var. 15° 35' East.

35.00 ascending gradually long S.E. slope high hill br. N.W.

4000 Set apart, marked 14 ft. long, flattened 3
 in. wide, 1 ft. in the ground, divide chared stones
 and build mound of earth of high, with
 pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per mixture
 transfer 1/4 sec. cor. from which

A Pine. 29 in. dia. br. S. 70° E. 49 in. dist.

do. 28 " " " S. 87° W. 107 " "

67.51 Oak live tree 13 in. dia. And top of ascent,
 descend N.E. slope.

77.87 Pine live tree 31 in. dia.

8000 Set apart, marked & notched, 4 ft. long
 3 in. sq. 1 ft. in the ground, and build a
 mound of stones of high, as per in-

Between Tps. 1st N. Rgs. 8th & 9th E
 1st & 2nd Salt River Meridian

Continued
 No. instructions for cor. to sec. 19, 24, 25
 and 30, from which

A Poi. 30 in dia. br. N. 32° W. 23 lns. dist.
 do. 35 " " " S. 52° W. 46 " "
 do. 6 " " " S. 80° E. 40 " "
 do. 18 " " " N. 47° E. 118 " "

Land killed & broken Sal. per. Grass. Heavy
 Poi. Timber, oak trees and brush.

North between sec. 19 & 24
 rgs. 15-25 East

Still descending N. E. slope

39.00 Foot of descent, among rolling ground.

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat-
 topped 3 in wide, 1 ft in the ground, and
 build mound of stones 2 ft high, as per
 instructions for 1/4 sec. cor. from which
 A Poi. 35 in dia. br. S. 25° E. 35 lns. dist.
 do. 36 " " " N. 30° W. 45 " "

5000 Set a post, marked and notched, 4 ft long,
 3 in. sq. 1 ft in the ground, drive charred
 stake and build mound of earth 2 ft high
 with pit 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for cor. to sec. 18,
 18, 19 and 20, from which

Between Tps. 17 N. Rps. 8 & 9 E.
 Pla^e Salt River Meridian

Pine	29	in. dia. br.	S. 4° W.	67	lvs. dist.
do.	22	" " "	N. 42° W.	74	" "
do.	28	" " "	N. 87° E.	58	" "
do.	25	" " "	S. 70° W.	168	" "

Land rolling. Some good soil. Grass.
 Heavy Pine timber. Oak trees.

North between Secs. 13 & 18.
 var. 15° 35' East

9,24	Pine live tree	12	in. dia.		
4000	Set a post, marked	44	S. 4 ft long, flattened		
	3 in wide, 4 ft in the ground, and build a mound				
	of stones 2 ft high, as per instructions for				
	14 sec. cor. from which				
	A Pine, 12 in. dia. br.		S. 81° E.	10	lvs. dist.
	do.	20	" " "	N. 30° W.	54
8000	Set a post, marked and notched, 4 ft long				
	3 in. sq. d. 1 ft in the ground, and build a				
	mound of stones 2 ft high, as per instructions				
	for cor. to Secs. 7, 12, 13 & 18, from which				
	A Pine, 35 in. dia. br.		S. 88° E.	76	lvs. dist.
	do.	24	" " "	S. 72½° W.	80
	do.	27	" " "	N. 75° W.	135
	do.	26	" " "	N. 70° E.	101

Land rolling. Soil mostly poor.
 Grass. Heavy Pine timber.
 Oak trees and brush.

Between Tps. 17 N. Rgs 8 & 9 E.
 N. & Salt River Meridian.

Rs. North between sec. 7 & 12

Var. 15° 35' East

- 19.68 Pine timber 24 in dia.
 19.76 do. " 25 " "
 29.73 do. " 15 " "
 40.00 Set a post, marked 4 S. 4 ft long, flattened
 3 in wide, 1 ft in the ground, drive charred
 stake & build mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 4 ft wide, as per in-
 structions for 1/4 sec. cor. from which
 a Pair, 19 in dia. br. N. 73° W. 86 br. dist.
 do. 28 " " " N. 23° E. 87 " "
 49.53 Pine timber tree 28 in dia.
 54.74 do " 31 " "
 66.00 Enter open flat, br. N. of E. & S. of W.
 72.00 Dry wash, 15 br. wide, br. SW.
 80.00 Set a post, marked and notched, 4 ft long,
 3 in sq. ft in the ground, drive charred
 stake and build mound of earth 2 ft high,
 with pits 1 ft deep, 2 ft long, 4 ft wide,
 as per instructions for cor. to sec.
 1, 6, 7 and 12, from which
 a Pair 26 in dia. br. N. 42° E. 756 br. dist.
 No other trees seen.
 Land rolling. Some good scrub
 grass. Heavy Pine timber to the
 opening.

Between Tps. 17 N. Rgs. 8 & 9 E
 1/4 E Salt River Meridian.

To Northwestern line between sec. 1 & 6.

var. 15° 35' East

- 4.00 Leave opening cut in timber on N. of E. and
 S. of W. and ascend on broken ground.
 35.00 Cease ascending and run on high broken ground
 on E. side.
 80.20 Intersect at a point 32 lbs E. of corner
 Tps. 17 & 18 N. Rgs. 8 & 9 E. from which cor. Pine
 S. 0° 14' E. on true line between sec. 1 & 6.

var. 15° 35' East.

- 48.20 Set a post, marked 14 S. 4 ft long, flattened
 Pine, wide 1/4 ft in the ground, and build round
 a distance 2 ft high, as per instructions
 for 74 sec. cor. from which
 a Pine 23 in. dia. on S. 35° E, 26. lbs. dist.
 do. 29 " " " S. 13° W. 79 " "
- 53.69 a Pine line tree, 10 in. dia.
 53.71 do " 12 " "
 69.99 do " 29 " "

80.20 Corner sec. 1, 6, 7 and 12,
 Land broken. Soil poor.

Grass. Mostly Heavy Pine timber.
 Oak trees & brush.

August 26. 1879.

Between Tps. 19 N. Rps. 8 & 9 E
 Gila & Salt River Meridians

From the cor. to Tps. 18 & 19 N. Rps. 8 & 9 E. Run
 North between secs. 31 & 36.

var. $15^{\circ} 22'$ East

As per Burto Salar Compass

0.13 Oak lime tree 30 in. dia.

10.00 Ascend on high rolling hills br. E. Mt.

21.35 Pine lime tree 25 in. dia.

32.48 do " 36 " "

40.00 Set a post, marked $\frac{1}{4}$ S. of flong,
 flattened 3 in. wide, 1 ft. in the ground,
 and build mound of stones 2 ft. high,
 as per instructions for $\frac{1}{4}$ sec. cor. from which
 a Pine, 30 in. dia. br. S. 80 W. 42 lbs. dist.
 do. 29 " " N. 20 E. 31 " "

59.44 Pine lime tree 26 in. dia.

From Set a post, marked and notched, 4
 ft. long, 3 in. sq. d. 1 ft. in the ground, and
 build mound of stones 2 ft. high, as
 per instructions for cor. to Secs. 25,
 30, 31 and 36, from which

Between Tps 19 N. Rgs. 8 & 9 E

Tla & Salt River Meridian

A Post 25 in. dia. br. N. 2° W. 10 lbs. dist.
 do 24 " " " N. 3° E. 7 " "
 do. 23 " " " N. 84° W. 21 " "
 do. 20 " " " S. 20° E. 102 " "

Land hilly. Soil Poor. Grass.

Oak, Fir, Juniper, and Heavy Pine timber.

North between sec. 25 & 30
was. 15° 22' East

4.54 Juniper line tree 40 in. dia.

7.14 Pine do. 21 " "

4000 Set a post, marked 14 S. 4 ft long
flattened 3 in wide, 1 ft in the ground,
and build mound of stones 2 ft high
as per instructions for 14 sec. cor. furnished

A Post, 20 in. dia. br. N. 38° E. 54 lbs. dist.

do. 12 " " S. 40° W. 89 " "

And descend to lower & rolling ground

8000 Set a post, marked and notched,
4 ft long, 3 in sqd. 1 ft in the ground
and build mound of stones 2 ft high

Between Tps. 19 N. Rgs. 8 & 9 E

Plat & Salt River Meridian

Continued
 19. 2st. 25° E 20. from which
 A Pine, 36 in. dia. br. N. 55° E. 104 lns. dist.
 do. 38 " " " S. 27° W. 100 " "
 do. 35 " " " S. 42° E. 203 " "
 do. 34 " " " N. 24° W. 132 " "
 Land Hilly & Rolling Soil poor. Grass.
 Heavy Pine timber.

North between secs. 19 & 20,
 var. 13° 22' East

4000 Setapost, marked 4 S. 4 ft long, flat-
 tened 3 in. wide, 1 ft in the ground,
 and build mound of stones 2 ft high
 as per instructions for 4 sec. cor. from which
 A Pine, 26 in. dia. br. N. 22° E. 43 lns. dist.
 do. 24 " " " S. 45° W. 149 " "
 And leave heavy timber E. 20 and
 Enter space with scattering Pine timber.
 8000 Setapost, marked and watched

Between Tps. 19 N. Rgs. 8 & 9 E
 Pla & Salt River Meridian

Continued
 No 4 ft long, 3 in sqd. 1 ft in the ground
 and build mound of stones 2
 ft high, as per instructions per cor.
 to sec. 13, 18, 19 & 24, from which
 a Pine 26 in dia. br. S. 70 W. 343 lvs dist
 No other trees near.

Land rolling. Soil poor. Fine Grass.
 Some Heavy Pine timber.
 September 1, 1879.

North between sec. 13 & 18.

var. 15° 22' East

4000 Set a post, marked 14 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 and build mound of stones 2 ft high,
 as per instructions for 14 sec. cor. from which
 a Pine 20 in dia. br. N. 49° W. 81 lvs. dist
 do. 21 " " " N. 64° W. 94 " "

8000 Set a post, marked E notched, 4 ft
 long, 3 in sqd. 1 ft in the ground, and
 build mound of stones 2 ft high

Between Tps. 19 N., Rps. 8 & 9 E
 W. E. Salt River Meridian.

Continued
 No. as per instructions for cor. to Secs
 12, 13 and 18, from which
 a Paic. 29 in. dia. br. S. 42° E. 187 lbs. dia. 1
 do. 26 " " " N. 28° E. 257 " "
 do. 30 " " " S. 22° W. 314 " "
 No other trees near. Land slightly
 rolling. Soil poor. Fine Grass.
 Scattering Paic timber.

North between Secs. 12 & 13,
 var. 15° 22' East
 Horseshoe post, marked 14 S. 4 ft long,
 flattened 3 in. wide, 1 ft. in the ground,
 and built around a stone of height
 as per instructions for 14 Sec. cor. from which
 a Paic. 21 in. dia. br. S. 80° N. 22 lbs. dia. 1
 do. 23 " " " S. 20° E. 233 " "
 And enter heavy Paic timber E. & S. W.
 Horseshoe post, marked and notched
 4 ft long, 3 in. sq. d. 1 ft. in the

Between Tps. 19 N. Rgs. 8 & 9 E.
 Gila & Salt River Meridian

Continued
 No. ground, and build mound of stone
 2 ft high, as per instructions for cor.
 to secs. 1, 6, 7 and 12, from which
 a Pine, 24 in. dia. bro. N. 80° W. 97 lbs. dist.
 do. 23 " " " N. 48° E. 148 " "
 do. 20 " " " S. 9° E. 180 " "
 do. 22 " " " S. 52° W. 272 " "
 Land uncult. Soil poor. Grass.
 Some Heavy Pine timber.

North between secs. 1 & 6.

var. 15° 27' East

10.00 Little cañon, 300 lbs. wide, bro. N. E.
 30.00 Touch and run along N. edge same cañon
 bearing N. & E. of N.
 40.00 Set a post, marked 14 S. 4 ft long, flat-
 tened 3 in. wide, 1 ft in the ground,
 and build mound of stone 2 ft high
 as per instructions for 4 sec. cor. from which
 a Pine, 33 in. dia. bro. N. 80° W. 50 lbs. dist.
 do. 14 " " " S. 69° E. 125 " "

Between Tps. 19 N. Rgs. 8 & 9 E
 W. Salt River Meridian

Ths. Continued

- 41.00 Little cañon turns N.E.
 60.00 Descend into little valley bs. N. W. and
 S. E. and leave timber.
 65.00 Road to Saco Mill bs. S. ^{W.} E.
 72.00 Little creek, with water in places, 500
 yds. bs. S. E.
 75.00 Leave little valley and ascend on S.
 slope of high mesa bs. E. W.
 80.00 Set a post, marked and notched,
 4 ft long, 4 in. sq. to 1 ft. in the
 ground, and build mound of
 stone 2 ft high, as per instru-
 tions for cor. to Tps. 19 & 20 N.
 Rgs. 8 & 9 E. No trees near.
 Land uneven. Soil Good & Poor.
 Grass. Some Heavy Pine timber.

Between Tps. 19 & 20 N. R. 8 & E

* * * Pl. & Salt River Meridian

Tho. From the cor. to Tps. 19 & 20 N. Rgs. 8 & 9 E. Run
West on random line along the N. boundary
sec. 1. 2. 3. 4. 5 & 6.

var. $15^{\circ}32'$ East

As per Burt's Solar Compass.

Set temporary cor. at every 40
and 80 chs, and at 5 miles and
78.77 chs. It intersect at a point
84 lks. S. of cor. to Tps. 19 and 20 N. Rgs.
7 & 8 E. Therefore the correction
will be 123 lks. W., and 14 lks. N.
per mile. And from the cor. to Tps. 19
and 20 N. Rgs. 7 & 8 E. Run
S. $89^{\circ}54'$ E.

Outline line between sec. 6 & 31.

var. $15^{\circ}32'$ East

38.77 Set a post, marked 74 S. 4 ft long,
flattened 3 in. wide, 1 ft. in the
ground, and build mound of stones 7 ft
high, as per instructions for 74 sec. cor. from which.

Between Tps. 19 & 20 N. R. 8 E
 Pla & Salt River Meridian

Continued
 From which

At Pine 31 in. dia. br. N. 45° W. 90' lead dist

do. 24 " " " S. 15° E. 110 " "

50.73 Pine live tree 27 in. dia.

78.74 Set a post, marked and notched,

4 ft. long, 3 in. sq. d. 1 ft. in the
 ground and build mound of

stones 2 ft high, as per instruc-
 tion for cor. to Secs. 5, 6, 31

and 32, from which

At Pine 30 in. dia. br. N. 40° W. 75' lead dist

do. 31 " " " N. 10° E. 50 " "

do. 32 " " " S. 20° E. 59 " "

do. 25 " " " S. 2° W. 70 " "

Land rolling and broken,

Soil poor. Grass -

Heavy Pine timber -

Bark trees and brush.

Between Tps. 19 & 20 N. R. 8 E
 1/4 Sec. Salt River Meridian

Sec. S. 89° 54' E.

Between line between sec. 5 & 39.

var. 15° 32' East

4000 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide. 1 ft in the
 ground, and build mound of stone
 2 ft high, as per instruction for 1/4
 sec. cor. from which

a Pine, 30 in. dia. br. S. 88° W. 12 lands

do. 24 " " " N. 20° W. 42 "

50.62 Pine line tree 30 in. dia.

8000 Set a post, marked and notched,
 4 ft long. 3 in. sq. d. 1 ft in the
 ground. drive charred stake
 and build mound of earth
 2 ft high, with pits 1 ft deep
 2 ft long. 1 ft wide, as per
 instruction for cor. to Secs.
 4, 5, 32 and 33.

From which

Between Tps. 19 & 20 N., R. 8 E

Glacé Salt River Mendocino

No. A Pine, 30 in dia. br. N. 89° E. 49 lbs. dist
 do. 29 " " " S. 20° W. 135 " "
 do. 31 " " " S. 13° E. 44 " "
 do. 28 " " " N. 39° W. 94 " "
 Land rolling. Some good soil
 Grass. Heavy Pine timber.

S. 89° 54' E

On true line between secs. 24 & 33
 var. 15° 32' E

4000 Set a post, marked 14 S. 24 ft. long,
 flattened 3 in wide, 1 ft. in the
 ground, and build around of
 stones 2 ft. high, as per instruc-
 tions for 14 sec. cor. from which

A Pine, 30 in dia. br. N. 45° W. 18 lbs. dist

do. 29 " " " S. 67° W. 67 " "

40.69 Pine live tree 12 in dia

77.68 do. " 30 " "

8000 Set a post, marked and

Between Tps. 19 & 20 N. R. 8 E
 Pla & Salt River Meridian

Rs. notched, 4 ft long. 3 in. sq. d. 1 ft
 in the ground, two charred
 stave and mild mound of earth
 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide as per in-
 struction for cor. to Secs. 34,
 33 & 34, from which

a Pine, 30 in. dia. br. S. 55° W. 93 lvs. dist.

do. 28 " " " N. 78° W. 104 " "

do. 29 " " " N. 41° E. 151 " "

do. 29 " " " S. 13 1/2° E. 182 " "

Land rolling. Some good soil.
 Grass. Heavy Pine timber.

S. 89° 54' E.

On true line between secs. 3 & 34
 var. 15° 32' East

19.11 Pine limb tree 29 in. dia.

34.00 Little cañon 150 lvs. wide, br. N. & N.E.

4000 Set a post, marked 74 S. 4 ft long.

Between Tps. 19 & 20 N. R. 8 E

Gla & Salt River Meridian

Continued

No. flattened 3 in. wide 1 ft. in the ground
and build around of stones 2 ft.
high, as per instructions for 74
see cor. from which

A Pine, 18 in. dia. br. N. 5° W. 64 lbs. dist.

do. 30 " " " South 50 " "

53.50 Pine live tree 25 in. dia.

8000 Set apart, marked and notched,
4 ft. long, 3 in. sq. 1 ft. in the ground,
and build around of stones 2 ft. high,
as per instructions for cor. to sees
2. 3. 34 & 35, from which

A Pine, 29 in. dia. br. S. 70° E. 48 lbs. dist.

do. 29 " " " N. 37½° E. 55 " "

do. 30 " " " S. 47½° W. 179 " "

do. 28 " " " N. 52¼° W. 209 " "

Land uneven. Soil stony & poor.

Heavy Pine timber.

Between Tps. 19 & 20 N. R. 8 E
 Gila & Salt River Meridian

Sec. S. 89° 54' E.

Outcrop line between secs. 2 & 35.

var. 15° 32' East.

4000 Set a post, marked 4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground, and
 build mound of stones 2 ft high, as per in-
 structions for 1/4 sec. cor. from which

Al. P. 26 in. dia. br. South 20 lbs. dist.

do. 27 " " " N. 29° E. 195 "

41.20 Pair line trees 30 in. dia.

68.00 Leave timber and enter little valley br. NW. & SE.

76.50 Little creek, 5 lbs. wide, with water in places, br. S. E.

77.00 Road to Saw Mill br. S. of E.

8000 Set a post, marked E notched, 4 ft.
 long, 3 in. sq. d. 1 ft. in the ground,
 and build mound of stones 2 ft
 high, as per instructions for cor. to
 secs. 1, 2, 35 and 36. No trees near.

Land uneven. Some good soil.

Grass. Some heavy pine timber.

Between Tps. 19 & 20 N., R. 8 E
 Fla & Salt River Meridian

Sec. S 89° 54' E,

Between lines between sec. 1 & 6.

var. 15° 32' East

10.00 Ricco at a little valley br. S. of E., and
 run on S. slope of high mesa to the N.

4000 Set a post, marked 74 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the
 ground, and build mound of stones
 2 ft high, as per instructions for 74
 sec. cor. from which

A Pine, 30 in dia. br. N. 79° E. 83 lvs. dist.

do 20 " " " N 20° E. 189 " "

8000 Cor. to Tps. 19 & 20 N., R. 8 E. 8 & 9 E.

Land uncult. Some good soil
 Grass. Scattered Pine trees.

September 2, 1879.

Between Tps. 20 N. Rgs. 8 & 9 E.
Gila & Salt River Meridian

Tps. The N. Boundary of Tps. 20 N. R. 8 E.
is formed by the 5th Standard N.
But this Standard cannot be run
from the cor. to Tps. 21 N. Rgs. 7 & 8 E.
to the Eastward, as it lies for miles
over and across a perfectly un-
passable cañon of great depth
and precipitous sides, and with
numerous branches running out to
the N. and S. Therefore —
From the corner to Tps. 19 & 20 N. Rgs.
8 & 9 E. Run
North between secs. 31 & 36.
var. $15^{\circ} 36'$ East

Reper Buato Solar Compass

- 5.00 Enter ^{southward} timber br. S.E. 200.
10.00 Ascend bluff br. S.E. 200. of 100.
17.00 Top and run on Stump mesa br. E. 100.
4.00 Set post, marked 14 N. 4 ft long
flattened 3 in. wide. 1 ft in the

Between Tps. 20 N. Rgs. 8 & 9 E.
Tla & Salt River Meridian

Ths. Continued -
ground, base chanced stake ^{was}
built around a fourth of high,
with pits 4 ft deep, 2 ft long, 1 ft wide,
as per instructions for 4 sec. cor.
from which

A Cedar, 20 in dia. br. S. 45° W. 253 lead dist.

A Pine, 21 " " " N. 30° W. 391 " "

8000 Set apart, marked & watched, 4 ft
long, 3 in sqd. 1 ft in the ground, and
built around a post 2 ft high, as per
instructions for cor. to sec. 25-30-31
and 36, from which

A Cedar, 8 in dia. br. N. 8° E. 48 lead dist

do. 12 " " " N. 50° W. 141 " "

do. 15 " " " S. 39° W. 151 " "

do. 14 " " " S. 45° E. 175 " "

Land high mesa. Soil poor. Grass.
Scattering Cedar & Pine timber.

Between Tps. 20 N. Rgs. 8 & 9 E
 7th & 8th River Meridian

No. North between sec. 25 & 30
 var. 15° 36' East

4000 Setapost, marked 1/4 ft. of ft. long, flat-
 tened 3 in wide, 1 ft. in the ground,
 built mound of earth 2 ft high, with
 pits 1 ft. deep, 2 ft long, 1 ft wide, as
 per instructions for 1/4 sec. cor.

Notes near.

8000 Setapost, marked & notched, 4 ft.
 long, 3 in sq. d., 1 ft. in the ground, and
 built mound of stones 2 ft high,
 as per instructions for cor. to Sec. 25

19. 24. 25 and 30. from which

A Pine. 22 in dia. br. S. 75° W. 158 in dia. dit

do. 26 " " " N. 80° W. 393 " "

do 24 " " " S. 85° E. 384 " "

A Cedar. 12 " " " N. 69° E. 145 " "

Land high table. Soil good in places.

Grass. Scattered Pine & Cedar timber.

Between Tps. 20 N., Rgs. 8 & 9 E.
Tla. & Salt River Meridian

- 4000 North between sec. 19 & 24
var. $15^{\circ} 36'$ East
4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive chared stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide as per
instructions for 14 sec. cor. from which
A Pine, 21 in dia. br. West. 26 hrs. dist.
do. 22 " " " S. 38° E. 45 " "
- 8000 Set a post, marked and notched
4 ft long, 3 in. sq. d. 1 ft in
the ground, and build mound
of stones 2 ft high, as per instruc-
tions for cor. to sec. 13, 18, 19 & 24, from which
A Pine, 12 in dia. br. N. 20° E. 56 hrs. dist.
do. 10 " " " N. 59° W. 176 " "
do. 24 " " " S. 1° E. 64 " "
do. 29 " " " S. 30° W. 222 " "
- Land broken, Soil poor. Grass. Scatterin^g
Pine & Cedar timber.

Between Tps. 20 N. Ryo. 8th & 9th E.
 Gila & Salt River Meridian

No. North between secs. 13 & 18
 var. 15° 36' East
 4000 Set a post, marked 74 S. 4 ft long,
 flattened 3 in. wide. ft. in the
 ground, and build around of
 stones 2 ft high, as per instructions
 for 74 sec. cor. No tree near.

8000 Set a post, marked E. & colored, 4 ft
 long, 3 in. sq. ft. in the ground,
 and build around of stones 2 ft
 high, as per instructions for cor. to
 Secs. 7, 12, 13 & 18. From marked
 a Pine, 12 in. dia. br. S. 87° E. 26 hrs. dist.
 do. 31 " " " S. 21 1/2° W. 121 " "
 do. 29 " " " N. 76° W. 178 " "
 do. 26 " " " N. 30° E. 219 " "

Land rolling. Some good soil. Grass
 Scattering Pine & Cedar trees.

159
 Between Tps. 20 N, Rps. 8 & 9 E.
 Gila & Salt River Meridian

4000 North between sec. 7 & 12
 var. 15° 36' East

4000 Set a post, marked 14 ft. 4 ft long
 flattened 3 in wide, 1 ft in the ground
 and build mound of stones 2 ft
 high as per instructions for 14 sec
 cor. from which

A P.M. 26 in. dia. br. N. 59° W. 174 land dist
 do. 27 " " " S. 65° E. 45 "

8000 Set a post, marked & notched, 4 ft long
 3 in. 4 ft in the ground, drive charred
 stake & build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for cor. to sec.
 1.6. 7 & 12. from which

A P.M. 28 in. dia. br. N. 51° W. 157 land dist
 do. 27 " " " S. 23° W. 66 " "
 do. 25 " " " S. 70° E. 144 " "
 do. 20 " " " N. 31° E. 255 " "

Land broken. Soil poor. Scattering Pine
 and Cedar timber. Grass

Between Tps. 20 N. Rys. 8 & 9 E
Tola & Salt River Meridian

Ln. North between sec. 1 & 6
Var. 15° 36' East

- 2.57 Pine tree 24 in. dia.
- 8.00 Descend into cañon to S.E.
- 12.00 Bottom & rise out of same to S.E.
- 16.00 Top and leave cañon to S.E.
- 4000 Set a post, marked 14 S. of
flong. flattened 3 in wide,
1 ft in the ground, and build
mound of stones 2 ft high,
as per instructions for 14 sec.
cor. from which

A Pine, 14 in. dia. to East, 19 lbs. dist
to 21 " " S. 20° W. 64 " "

5000 The 5th Standard Parallel N.
Set a post, marked and notched,
4 1/2 ft long, 4 in sq. d. 1 ft in
the ground, two charred
stake and build mound of
Earth 2 1/2 ft high, with pile

Between Tps. 20 N. Rps. 8 & 9 E
Tla & Salt River Meridian

No. Continued
4 ft. deep. 2 1/2 ft. long. 1 1/2 ft. wide,
as per instructions for closing
cor. to Tps. 20 N. Rps. 8 & 9 E.
from which

A Pine. 20 inches to S. 35° W. 57 lvs. dist.

do. 21 " " " S. 8 1/2° E. 292 "

Land broken. Soil poor. Grass.
Scattering Pine timber.

September 8. 1879.



Exteriors.

E. N. + N. Boundaries - 17 N. R. 21 E.

S. N. + N. do - 17 N. R. 20 E. - including 6 miles 40 Standard

E. S. + N. do - 18 N. R. 19 E.

my

JRT

Recd, Sept 12, 1879 at 10.30 a.m.

Between Tps. 17 N. Rgs. 21 E 22 E

Secs. 34 & 36 Meridian

July 1, 1879.

No. From the Standard cor. to Tps. 17 N. Rgs. 21 E 22 E. Sec.

North between secs. 34 & 36

var. $14^{\circ}42'$ East

As per Plans Solar Compass

4000 Set a sandstone $20 \times 12 \times 4$ in.

$\frac{3}{4}$ in the ground, marked 74, and
on the N. build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 74 sec.
cor. No trees near.

8000 Remote from stone & timber. Drive
charr'd stave and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide
and in center of pit S.E. of cor. drive a
stave marked and notched, 2 ft long,
2 in. sq. d. 1 ft in the ground as per in-
structions for cor. to Secs. 25, 30, 31
and 36.

Land slightly rolling. Some grass but
No timber.

Between Tps. 17 N. Rgs. 21 E & 22 E

Gila & Salt River Meridian

Tps. North, between sec. 25 & 26
 var. 14° 42' E.

4000 Set apart, marked 14 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the ground,
 drive charred stake and build mound
 of earth of high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions for
 the sec. cor. No trees near

40.40 Little Colorado Road bet N 40 & 50 E
 8000 Remote from stone & timber. Drive charred
 stake and build mound of earth of high
 with pits 1 ft deep, 2 ft long, 1 ft wide and
 in center of pit S. E. of cor. drive a stake
 marked & notched, 2 ft long, 2 in. sq. &
 1 ft in the ground, as per instructions for cor.
 to secs. 19, 24, 25 and 30.

Land slightly rolling. Some garden
 No timber. Fine grass.

Between Tps. 17 N. Rgs. 21 & 22 E

Gila and Salt River Meridian

Sec. North ^{between sec.} 19 and 20
 var. 14° 42' East

4000 Drive charred stone and build mound
 of earth 2 ft high, with pits 1 ft deep, 2
 ft long, 1 ft wide, as per instruc-
 tions for 14 sec. cor.

8000 Drive charred stone and build
 mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, and in
 center of pit S. E. of cor. Drive
 a stake marked and notched,
 2 ft long, 2 in sq. d. 1 ft in the
 ground as per instructions for cor.
 to Secs. 13, 18, 19 and 20

Remote from stone & timber

Land slightly ascending N.
 Some good soil. Fine grass

Between Tps. 14 N., Rq. 21 E. & 22 E.
Gila & Salt River Meridian

No. North between sec. 13 & 18
var. $14^{\circ}42'$ East.

4000 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide as per instructions for 1/4 sec. cor.

8000 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched 2 ft long, 2 in. sq. 1 ft in the ground, as per instructions for cor. to sec. 5, 7, 12, 13 and 18.

Remate from stone & timber.
Land slightly descending N. Some good soil. Fine Grass.

Between Tps. 14 N. Rps. 21 E & 22 E

Gila & Salt River Meridian

The North. between secs. 7 & 12.
var. 14^o 42' East

4000 Set a sandstone 25 x 11 x 4 in. 3/4
in the ground, marked 14, and
on the N. build mound of
earth 2 ft high, with pit 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions for 1/4 sec. cor. No trees near.

8000 Remote from stone & timber. Drive
charred stake & build mound of earth
2 ft high, with pit 1 ft deep, 2 ft long, 1 ft
wide, and in center of pit S.E. of cor.
drive a stake marked and notched
2 ft long, 2 in. sq. d. ft. in the ground,
as per instructions for cor. to secs.
1, 6, 7 and 12.

Land slightly descending N. Some
good soil. Fine Grass. No timber.

1.6 9

BOOK 1315

Between Tps. 17 N., Rgs. 21 & 22 E.
Gila & Salt River Meridian

No. North between sec. 1 & 6.
7000 140 42' East

4000 Set a sandstone 25 x 16 x 3 in. $\frac{3}{4}$
in the ground, marked 14, and
on N. build mound of earth 1 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as for instructions for 14 sec.
cor. No trees near.

8000 Set a post, marked and notched,
4 1/2 ft long, 4 in. sq. 1 ft in the ground
drive chert stake and build mound
of earth 2 1/2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, as for in-
structions for cor. to Tps. 17 and 18
N., Rgs. 21 & 22 E. No trees near.

Land slightly descending N. Some
good soil. Fine grass. No timber
July 1, 1879.

Between Tps. 17 N. Rgs. 20 & 21 E.

Gila & Salt River Meridian

No. From the Standard cor. to Tps. 17 N. Rgs. 20 & 21 E. Run
North between secs 31 & 36
var. $14^{\circ} 41'$ East

Asper Built Solar Compass

4000 Set a sandstone $24 \times 15 \times 3$ in., $\frac{3}{4}$
in the ground, marked 14, and on
N. build mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for 4 sec. cor. No trees near.

8000 Remote from stone & timber. Drive charred
stave and build mound of earth 2 ft high
with pit 1 ft deep, 2 ft long, 1 ft wide, and
in center of pit S.E. of cor. drive a stave
marked & notched, 2 ft long, 2 in. sq. ft.
1 ft. in the ground, as per instructions
for cor. to secs. 25. 30. 31 & 36.

Land rolling. Some good soil.
Fine Grass. No timber.

Between Tps. 17 N. Rps. 20 & 21 E.
Gila Salt River Meridian

No. North between secs. 25 & 30
var. 14th 41st E

4000 Drive charred stake and build a mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide as per instructions for 14 sec. cor.

5000 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in sq. d. (ft in the ground as per instructions for cor to secs. 19, 24, 25 and 30.

Remote from stone and timber.
Land descending N.

Some good soil.

Fine Grass. Not much.

Between Tps. 17 N. Rgs. 20 & 21 E
Gila & Salt River Meridian

As North between secs. 19 & 24.

var. 14th East

4000 Set a sandstone 12x8x6 in. 2 1/2
in the ground, marked 14, and
in N. build mound of earth 2
ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 14 sec. cor.
No trees near.

8000 Set a post, marked & scratched, 4 ft
long, 3 in. sq. 1 ft in the ground. Drive
shard stake and build mound of earth
2 ft high, with pit 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor. to Secs.
13, 18, 19 and 24.

No trees near.

Land somewhat descending N.
Soil Good. No timber.

Between Tps. 17 N. Rps. 20 E/21 E.
Gila & Salt River Meridians

No. 4000 Mark between secs. 13 & 18
var. 14° 41' East
Set a sandstone 30 x 16 x 3 in., $\frac{3}{4}$ in
the ground, marked 14, and on the
N. build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 14 sec. cor.
No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. d., 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, no per
instructions for cor. to secs. 7, 12
13 and 18. No trees near.

Land slightly rolling. Some
good soil. Fine Grass. No timber.

Between Tps. 17 N. Rgs. 20 & 21 E
 Gila & Salt River Meridian

hr. North between sec. 7 & 12
 700. 14041' East

4000 Set a post, marked 44 S. 4 ft long
 flattened 3 in wide, 1 ft in the ground.
 Two chared stone & build mound
 2 ft high, with pits 1 ft deep
 2 ft long, 1 ft wide, as per instruction
 for 4 sec. cor. No trees near.

800 Set a post, marked and notched, 4
 ft long, 3 in. sq. d. 1 ft in the ground. Two
 chared stone & build mound of
 earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for con to sec. 1, 6, 7 and
 12. No trees near.

Land slightly descending N.,
 then level. Soil Good and
 1st rate. No timber.

Between Tps. 17ⁿ & Rgs. 20^e & 21^e E.
Gila & Salt River Meridian

Tps. North. between sec. 1 & 6.

Mar. 14^o 41 East

- 11.00 Road brs W and NE.
- 21.53 Little Colorado river 150 brs wide,
flows N. Chain across it.
- 4000 Set a post, marked 14 S. 4 ft long, flat-
tired 3 in. wide 1 ft in the ground. Drive
charred stakes & build mound of earth 2 ft
high with pits 1 ft deep. 2 ft long. 1 ft wide,
as per instructions for 14 sec. cor. from which
a Cottonwood tree, 25 in dia. br. S. 43^o 2' N. 127^o 12' and
No other trees near.
- 49.85 Branch of overland road brs SE & N. N. W.
- 54.05 Kinggate & Prescott road brs. E & W
- 72.00 Leave bottom and rise on high mesa br. E & W.
- 8000 Set a post, marked & colored, 4 1/2 ft long 4
in sq. 1 ft in the ground, drive charred stakes
and build mound of earth 2 ft high with
pits 1 ft deep. 2 1/2 ft long. 1 ft wide, as per in-
structions for cor. to Tps. 17ⁿ & 18ⁿ Rgs. 20^e & 21^e
E. No trees near.
Sand mostly rich bottom.
A few Cottonwood trees.

July 2. 1879.

Between Tps. 17 & 18 N. Rgs. 21 E.

Gila Salt River Meridian

Chs. From the cor. to Tps. 17 & 18 N. Rgs. 20 & 21 E. Iron
East. on sandstone line along N. boundary sec. 65. 43. 2 & 1.
var. $14^{\circ} 46'$ East

As per Burt's Solar Compass

Set temporary cors. at every 40 & 80 chs., and
at 5 miles and 78.94 chs. Intersect at a point
92 lbs. N. of the cor. to Tps. 17 & 18 N. Rgs. 21
and 22 E. Therefore the correction will
be - on the N., 1.06 chs., and to the S.,
 $15\frac{1}{2}$ lbs. per mile.

From the cor. to Tps. 17 & 18 N. Rgs. 21 & 22 E. Iron
N. $89^{\circ} 53'$ W. —

On true line between sec. 1 & 36.

var. $14^{\circ} 46'$ East

4000 Set a sandstone 22 x 8 x 6 in. $\frac{3}{4}$ in
the ground, marked 14., and on the
N. build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 1/4 sec. co.

No trees near.

Section No. 178/18 N. Range 21 E.
Gila & Salt River Meridians

No. Continued

8000 Set a sandstone $20 \times 12 \times 3$ in. $\frac{3}{4}$ in the ground, properly notched, and on the W. build around of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Sec. 1, 2, 3, 5 and 6. No trees near. Land flat. Soil 1st rate. No timber.

N. $89^{\circ} 53'$ W. true line bet sec. 2 & 35
var $14^{\circ} 46'$ East.

4000 Set a sandstone $20 \times 10 \times 5$ in. $\frac{3}{4}$ in the ground, marked $\frac{3}{4}$, and on the W. build around of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{3}{4}$ sec. cor. No trees near.

8000 Cor. falls in insecure place. Set 35 lbs. E. Set a post, marked and notched, 4 ft long, 3 in. sq. d. 1 ft in the ground.

Between Tps. 14 & 18 N. Range 21 E
Gila & Salt River Meridian

Continued
Tps. 14 & 18 N. Range 21 E
dove chert stone and build mound of
earth 2 ft high, with pits 4 ft deep, 2 ft long,
4 ft wide, as per instructions for cor. to sec. 2, 3, 34 and 35. No trees near.
Land uncrowded. Mostly sandy, poor.
Scattering Cottonwood trees

N. 89° 53' W. outline line between 3 & 34
var. 140° 46' East

Measuring from true point of cor. —

- 0.50 Rio Puerco (dry) br. S. W. and run
across sandy bed of same.
13.22 West bank of Rio Puerco, br. S. W. and
leave same.
40.00 Set apart, marked 14 S. 4 ft long, flattened
3 in wide. 4 ft in the ground, dove chert
stone and build mound of earth 2 ft high,
with pits 4 ft deep, 2 ft long, 4 ft wide, as per
instructions for 4 sec. cor. No trees near.
60.00 The Hingito & Prescott road br. N. E. & S. W.
71.00 Leave low land, ascend to high and

179
Between Tps. 17 & 18 N. Range 21 E
Gila & Salt River Meridian

Continued

No. broken ground, co. N. E + S. W.

80.00 Set a Sandstone $24 \times 15 \times 3$ in. $7/4$ in
the ground, properly notched, and on
the N. build mound of earth 2 ft high
with pile 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor to sec. 3, 4.

33 and 34. No trees near

Land flat then high broken mesa.

Soil sandy, poor, - then good, then poor.

No timber but a few cottonwood on
E half.

N 89° 53' N. on true line bet. sec. 4 & 33

var. $14^{\circ} 46'$ East

40.00 Set a sandstone $23 \times 12 \times 3$ in. $3/4$ in
the ground, marked $7/4$, and on the
N. build mound of earth 2 ft high, with
pile 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for $7/4$ sec. cor. No trees near.

80.00 Set a post, marked and notched, 4 ft

Between Tps. 17th & 18th N., Range 21 E
 Gila & Salt River Meridian

Continued

No. long, 3 in. sqd. 1 ft. in the ground. Drive
 down stone and build mound of earth
 2 ft. high, with pit 1 ft. deep, 2 ft. long, 1 ft. wide
 as per instructions for cor. to sec. 4.
 5-32 and 33. No trees near.
 Land ridgy. Soil mostly poor.
 No timber.

N. 89° 53' W. in tree line bet. sec. 5 & 32,
 var. 14° 46' East
 4000 Set a sandstone 49 x 13 x 3 in., marked
 44, 1 ft. in the ground, and build
 around this shaft a mound of stones
 2 ft. high, for 14 sec. cor. Cannot set
 it deeper on account of bed rock
 and the mound built around it for se-
 curity. No trees near.
 8000 Set a post, marked and notched,
 4 ft. long, 3 in. sqd. 1 ft. in the ground.

Between Tps. 17 & 18 N. Range 21 E.
Gila & Salt River Meridian

78.93 Continued
and build mound of stones 2 ft
high as per instructions for cor. to
secs. 5, 6, 31 and 32
No trees near.

Land broken. Soil poor. No timber.

N. 89° 53' W. on true line bet. secs. 6 & 31
var. 14° 46' East

78.94 Set apart marked 1/4 S. 4 ft long. flat-
tined 3 in wide. 4 ft in the ground, drive
chared stakes and build mound of earth
2 ft high, with pit 1 ft deep. 2 ft long. As per
instructions for 14 sec. cor. No trees near.

78.94 Cor. to Tps. 17 & 18 N. range 20 & 21 E.
Land uneven. Some good soil in cen-
ter. No timber.

July 2. 1879.

4th Standard N. 182

BOOK 1315

S. Boundary Sp. 17th N. Range 20 E
Gila and Salt River Meridian

July 7, 1879.
No. From the Standard cor. to Sp. 17th N. Rgs. 20+21 E. Sec.
West. on S. boundary sec. 36
var. 124°44' East

Open Burt's Solar Compass

4000 Drive charred stake and build mound
a few inches high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
use cor.

8000 Drive charred stake and build mound
a few inches high, with pits 1 ft deep, 2 1/2 ft
long, 1 ft wide, and in center of pit E.
a few. Drive a stake, marked and notched,
2 ft long, 2 in. sq. d. 1 ft in the ground,
as per instructions for standard cor to
sec. 35 and 36.

Remote from stone & timber

Land level, Soil Good,
Fine Grass.

183

Smith Standard N.

BOOK 1315

S. Boundary Tp. 17 N. Range 20 E
Gila & Salt River MeridianP. N. Section Boundary Sec. 35
var. 14° 44' E.4000 Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, as per instructions
for 1/4 sec. cor.8000 Drive charred stake and build a
mound of earth 2 ft high with pits
1 ft deep, 2 1/2 ft long, 1 ft wide, and
in center of pit E. of cor. drive a
stake, marked and scratched, 2 ft long
2 in sq. d. 1 ft in the ground, as per
instructions for standard cor. to Sec.
34 and 35.

Remote from stone & timber.

Level soil, Good, Pine Grass

S. Boundary Twp. 14 N. Range 20 E

Glac & Salt River Meridian

No. Weston S. Boundary sec. 32

Mr. 14th 44 East

4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
and build mound of stones 2 ft
high as per instructions for 14 sec.

cor. from which

a Cedar 8 in. dia. br. N. 54° E. 156 land dist
No other trees near.

76.73 Cañon, with steep stone walls, br. N. of S.,
and descend into it

77.00 Bottom and ascend out of it.

78.50 Top of N. side, br. N. of S.

80.00 Set a post, marked and notched, 4
ft long, 3 in. sq. 1 ft in the ground. Saw
chared stone and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to Secs. 33
and 34. No trees near.

Land broken. Soil Poor. Scattering
Cedar trees.

185

Smith Standard N

BOOK 1315

S. Boundary Sp. 17 N. Range 20 E

Gila Salt River Merced

No. West on Boundary see. 33
var. 14° 44' East

4000 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide. 1 ft in the
ground, and build mound of stones
2 ft high, as per instructions for
1/4 sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long. 3 in. sq. 1 ft in the ground,
and charred stake and build mound
of earth 1 ft high, with pits 1 ft
deep. 2 1/2 ft long. 1 ft wide, as
per instructions for standard
cor. to Secs. 32 and 33.

No trees near.

Land rolling. Soil poor.
Grass and scattering Cedar trees.

S. Boundary Tp. 17 N., Range 20 E

Gla & Salt River Meridians

S. Western S. boundary sec. 32
Cor. 14th 44' East32.55 Deep canon with precipitous walls
Cro. N., and descend into it.

34.10 Bottom and dry wash 20 hrs. wide 60

W. of pt.
35.00 Ascend out of canon

36.50 Top on W. side.

4000 Set a post, marked 14 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, drive charred
stake & build mound of earth 2 ft high with
pits 1 ft deep, 2 1/2 ft long, 1 ft wide, as per in-
structions for 14 sec. cor. No trees near.8000 Set a post, marked & colored, 4 ft long, 3
in wide, 1 ft in the ground, drive charred stake &
build mound of earth 2 ft high with pits
1 ft deep, 2 1/2 ft long, 1 ft wide, as per in-
structions for standard cor. to Sec. 31 & 32, from which
a Cedar 10 in dia. Cro. N. 30° E. 31 hrs. dist.
No other trees near.Land broken, Soil poor, Scattering Cedars,
Fine Grass.

187

Fourth Standard N.

BOOK 1315

S. Boundary Tr. 17 N. Range 20 E
Gila & Salt River Meridian

No. West end boundary sec. 31
var. $124^{\circ}42'$ E.

4000 Remote from stone & timber. Dug charred
stake & build mound of earth 2 ft high with
pits 1 ft deep, $2\frac{1}{2}$ ft long, $\frac{1}{2}$ ft wide, as per in-
structions for these cor-

8000 Set apart, marked and notched, $4\frac{1}{2}$ ft
long, 4 in. sq. 1 ft in the ground, dug
charred stake & build mound of earth
 $2\frac{1}{2}$ ft high, with pits 1 ft deep, $2\frac{1}{2}$ ft
long, $1\frac{1}{2}$ ft wide, as per instructions
for standard cor. to Tr. 17 N. ranges
19 and 20 E.

No trees near.

Land slightly rolling.

Soil Good. Fine Grass.
No timber.

July 7, 1879.

Between Tps. 17 N. Ranges 19 E 20 E

Gila Salt River Meridian

No. From the Standard Co. Tps. 17 N. Rps. 19 E 20 E, from
North, between sec. 31 & 36.

var. $14^{\circ} 46'$ East

As per Buete Solar Compass

4000 Set a post, marked 14 S. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive
charred stake and build mound of earth
2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide
as per instructions for 14 sec. cor. Notice near

8000 Drive charred stake and build mound
of earth 2 ft. high, with pits 1 ft. deep, 2 ft.
long, 1 ft. wide, and in center of pit S. E. of
cor. drive a stake, marked and scratched
2 ft. long, 2 in. sq. d. 1 ft. in the ground, as per in-
structions for cor. to Secs. 25-30-31
and 36. Remote from stone & timber.

Land descending N. Soil Good. Fine
Grass. No timber.

Between Tps. 14 N., Rgs. 19 & 20 E.
Gila & Salt River Meridian

Sp. North between sec. 25 & 30

Cor. 14° 46' East.

4000 Sitasandstone 21 x 12 x 3 in. $\frac{3}{4}$
in the ground, marked $\frac{3}{4}$, and
on the N. build mound of earth 2
ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
 $\frac{3}{4}$ sec. cor. No trees near.

8000 Remote from stone & timber. Drive chain
stake and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, and in center of pit S. E. of cor.
drive a stake marked and notched,
2 ft long, 2 in. sq. 1 ft in the ground,
as per instructions for cor. to sec. 19,
24, 25 and 30.

Land descending slightly N. Some
good soil. Fine Grass. No timber

Between Tps. 17 N. Rgs. 19 & 20 E

Gila & Salt River Meridian

Sec. North between secs. 19 & 24
var. 14⁴⁶ East

4000 Set a sandstone 21 x 15 x 3 in. $\frac{3}{4}$
in. the ground, marked 74, and
on the N. build mound of earth 2
ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
74 sec. cor. No trees near.

8000 Remote from stone and timber. Drive
chained stake and build mound of
earth 2 ft high with pits 1 ft deep, 2 ft
long, 1 ft wide, and in center affil. SE
of cor. drive a stake marked and
notched, 2 ft long, 2 in. sq. d., 1 ft in
the ground, as per instructions for
cor. to Secs. 13, 18, 19 and 24.
Land slightly descending N. Some
good soil. Fine Grasses. No timber.

Between Tps. 17th N., Rps. 19th & 20th E.

Gila & Salt River Meridian

Sec. North between secs. 13 & 18

var. 14th & 16th East

4000 Set a sandstone 18x10x4 in. 3/4
in the ground, marked 14, and on
the N. build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.

No trees near.

8000 Set a post, marked and notched, 4 ft
long, 3 in. sq'd. 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 7, 12,
13 and 18. No trees near.

Land slightly descending N. Soil
Good. A few cedar trees, Fine
Grass.

Between Tps. 14 N., Rgs. 19 & 20 E
 Gila & Salt River Meridian

No. North between secs. 7 & 12
 var. 14046 East

4000 Set a post, marked 44 S. 4 ft long,
 flattened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep, 2
 ft long, 1 ft wide, as per instructions
 for 44 sec. cor. No trees near.

8000 Set a post, marked and notched, 4
 ft long, 3 in. sq. d. 1 ft. in the ground,
 drive charred stake and build mound
 of earth 2 ft high with pits 1 ft. deep,
 2 ft long, 1 ft wide as per instructions
 for cor. to Secs. 1, 6, 7 and 12
 No trees near.

Land somewhat descending N.
 Soil Good. Grass. A few cedars.

Between Tps. 17 N. Rgs. 19 & 20 E

Gila & Salt River Meridian

No. North between sec. 1 & 6.

var. 14 & 16 East.

4000 Set post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
driv charred stake and build mound
of earth 2 ft high, with pits 1 ft deep 2
ft long, 1 ft wide, as per instructions
for 1/4 sec. cor. No trees near.

273.44 Acquia Co. E. & N.

8000 Set post, marked & notched, 4 ft long,
4 in sq. d. 1 ft in the ground, driv charred
stake & build mound of earth 2 ft
high, with pits 1 ft deep, 2 1/2 ft long, 1 ft
wide, as per instructions for cor to Tps.
17 & 18 N. Rgs. 19 & 20 E.
No trees near.

Land level. Soil st. Rate. A few
Cottonwood and Cedar trees. Fine
Grass.

July 8, 1879.

Between Tps. 17 & 18 N. Range 20 E

Gila and Salt River Meridian

Dis. from the cor. to Tps. 17 & 18 N. Rgs. 19 & 20 E. from East on random line along N. boundary sec. 6. 5. 4. 3. 2 and 1.

var. $14^{\circ}42'$ East

As per Buets Solar Compass

I set temporary cor. at every 40 and 80 chs., and at 5 miles and 49.20 chs.

I intersect a point 100 lbs S. of cor. to Tps. 17 & 18 N. Rgs 20 & 21 E.

Therefore the correction will be 80 lbs. N., and $16\frac{2}{3}$ S. per mile; and from the cor. to Tps. 17 and 18 N. Rgs 20 & 21

E. from

S. $89^{\circ}53'$ W. on true line bet sec. 1 & 36.

var. $14^{\circ}42'$ East

4000 lbs a sandstone $18 \times 13 \times 3$ in. $\frac{3}{4}$ in the ground, marked 44, and on the

N. build mound of stones of the high as per instruction for 4 sec. cor.

No trees near.

Between Tps. 1st & 18th N., Range 20 E
Gela & Salt River Meridian

No. Continued

80.00 Set a sandstone 20x12x3 in. $\frac{3}{4}$
in the ground, properly notched
and on the N. build mound of earth
2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for cor. to Secs. 1, 2, 35 and 36.
No trees near.

Land broken high mesa. Soil poor.
Grass. No timber.

S. 8905 3rd N. outline line bet. sec. 2 & 35

var. 14⁰² + 2' East

40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
14 sec. cor. No trees near.

Between Tps. 17 & 18 N. Range 20 E

Gila & Salt River Meridian

No. Continued

- 44.50 Descend to low land bro. N. + S.
- 50.88 The Kingite + Prescott Roads bro. SE. + N.W.
- 52.73 Leroux Fork (dry) bro. SW. and run
across sandy bed.
- 65.00 N. bank and leave same.
- 8000 Sitapost, marked and notched, 4 ft
long, 3 in. sq. (ft. in the ground, above
chained stave and build mound of
earth 2 ft high, with pits 1 ft deep.
2 ft long, 1 ft wide, as per instructions
for cor. to see. 2, 3, 3rd and
35. from which
- A cottonwood 15 in. dia. bro. S. N. 20° 27' U. dist.
- No other trees near.
- Land broken then level.
- Soil mostly poor. A few
Cottonwood trees.

197

BOOK 1315

Between Tps. 17 & 18 N. Range 20 E
Gila & Salt River Meridian

No. S. 8905-34. actual line between 3 & 34
var. 14° 42' East

13.46 Wingate & Prescott road br. S. of W
4000 Set a post, marked 1/4 S. 4 ft long, flat-
tened 3 in wide, 1 ft in the ground,
dewi charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide as per instructions
for 1/4 sec. cor. No trees near.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground.
dewi charred stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
cor. to secs. 3, 4, 33 and 34.
No trees near.

Land slightly rolling. Soil Good.
Pine Grass. No timber.

Between Tps. 17 & 18 N., Range 20 E
Gila & Salt River Meridian

Chs. S. 89 & 3' N. as true line bet. sec. 4 & 33
br. 14° 42' East

19.75 Mangite & Prescott Road br. N. W.

40.00 Set a post marked 74 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
drive charred stake and build mound of
earth 2 ft. high, with pits 1 ft. deep, 2 ft.
long, 1 ft. wide, as per instructions for
74 sec. cor. No trees near.

73.84 Dam road br. S. E. & N. W.

8000 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the ground,
drive charred stake and build mound
of earth 2 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per instructions
for cor. to Secs. 4, 5, 32 and 33.
No trees near.

Land somewhat broken. Some good
soil. No timber.

Petaca Tps. 17th & 18th N. Range 20 E
Gila & Salt River Meridian

No. 89953 N. on true line bet sec. 5 & 32.
var. 14th 42' E.

4000 Set a sandstone, 24x14x5 in. 3/4 in.
the ground, marked 14, and on the
N. build mound of earth 2ft high,
with pit 1ft deep, 2ft long, 1ft wide,
as per instructions for 14 sec. cor.
No trees near.

8000 Set a post, marked and notched,
4ft long, 3 in. sq. 1 ft in the ground,
drive charred stake and build a
mound of earth 2ft high, with pit
1ft deep, 2ft long, 1ft wide, as per
instructions for cor. to Secs. 5, 6, 31
and 32. No trees near.

Land rolling, some good soil.
Grass, a few Cottonwood and
Cedar trees.

Between Tps. 17 & 18 N. Range 20 E
Gila & Salt River Meridian

No. S. 89° 53' W. on true line between 6 & 31.
var. 140° 42' E

4000 Set a post, marked 14 S. 4 f long, flattened 3 in.
wide, 1 ft in the ground, driven charred stakes &
built mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as per instructions for
14 sec. cor. No trees near.

44.09 Same Road bro. N. W. - S. E.

47.83 Bench of same bro. NW + S. E.

48.10 ^{S. 89° 53' W.} Acquia bro. N. W.

68.31 The Little Colorado river 175 bro. wide,
flows N. W. - chain across it.

77.65 Road bro. N. W. + S. E.

78.40 Acquia bro. N. W.

79.20 Cor. to Tps. 17 & 18 N. Rgs. 19 + 20 E.

Land level. Soil 1st Rate. Scattered
Cottonwood trees.

July 8. 1879

Between Tps. 18 N. Rps. 19 & 20 E
Gila & Salt River Meridian.

The corner to Tps. 17 & 18 N. Rps. 19 & 20 E. from
North. between secs. 31 & 36
var. 14° 45' East

Aspen Butte Solar Compass

- 1.90 Road N. of W. & S. of E.
2.89 Acquia bro. N. W.
10.21 Little Colorado river, 190. bus wide,
flows N. W.; and chain across it.
40.00 Set a post, marked 14 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground, drive
sharred stakes and build mound of earth
2 ft. high, with pits 1 ft. deep. 2 ft. long, 1 ft.
wide, as per instructions for 14 sec. cor.
from which
A Cottonwood, 20 in. dia bro. S. 10° W. 204 bus. dist.
do. 18 " " S. 8° E. 242 "
- 49.63 Road bro. S. of E & N. of W
60.37 Acquia bro. E. & W
68.13 Another acquia bro. E. & W
68.94 Another acquia " do
70.77 Road bro. E. & W.

Between Tps. 18 N. Rps 19 & 20 E
Gila & Salt River Meridian

R. Continued
 78.10 Ascend little knoll br. E. & W.
 8000 Set a post, marked and notched, 4 ft
 long, 3 in. sq. in the ground, drive
 charred stake and build mound of
 earth 2 ft high, with pit 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for this
 cor. to secs. 25, 30, 31 and 36.
 No trees near.
 Sand level. Soil stony.
 Scattering Cottonwood trees.

North between secs. 25 & 30
 var. 144° 45' East

0.50 Descend from little knoll br. E. & W.
 5.11 Wrigate & Prescott road br. E. & N. of W.
 26.57 St. Joseph Acquia br. N. W. from S. E.
 4000 Set a post, marked 14 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the ground,
 drive charred stake and build mound

Between Tps. 18 N. Rps. 19 & 20 E
Gila Salt River Meridian

Continued

75.00 2 ft earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for 14 sec. cor. No trees near.

55.00 Leave bottom, ascend N. W. & E rise
and run on rolling ground.

80.00 Reconnect from stone Etumba. Drive
chared stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, and in center of pit
S.E. of cor. drive a stake, marked and
notched, 2 ft long, 2 in. sq. d. 1 ft in the
ground, as per instructions for cor.
to Secs. 19, 24, 25 and 30.

Land level, soil 1 strata; then rolling
with some good soil. Grass.
No timber.

North, between secs. 19 and 24
var. 14° 45' East

4000 Drive chared stake and build

Between Tps. 18 N. Rps. 19 & 20 E
 Gela & Salt River Meridian

Continued

No. mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor.

8000 Drive charred stone and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. Drive a stake marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to Secs. 13, 18, 19 and 24.

Recreate from stone and timber.

Land somewhat rolling

Soil Good. Fine Grass. No timber.

North between sec. 13 & 18,
 var. 14° 45' East

4000 Drive charred stone and build a mound of earth 2 ft high, with pit

Between Tps. 18 N. Rys 19 & 20 E
 Gila & Salt River Meridian

Continued
 No. 1 ft. deep. 2 ft. long. 1 ft. wide, as
 per instructions for 14 sec. cor.

8000 Drive charred stake and build a
 mound of earth 2 ft. high, with
 pit 1 ft. deep. 2 ft. long. 1 ft. wide,
 and in center of pit S. E. of cor.
 drive a stake marked and
 marked, 2 ft. long. 2 in. sq. d. 1 ft.
 in the ground, as per instructions
 for cor. to secs 7, 12, 13 and
 18.

Remote from stone Etumbeo
 Land somewhat rolling. Some
 good soil. Fine Grass. No timber.

North between secs. 7 & 12
 var. 14° 45' East

4000 Set a conglomerate stone 15 x 10
 x 6 in. 7/3 in the ground.

Between Tps. 18 N. Rgs. 19 & 20 E
 Gila & Salt River Meridian

Continued
 Tps. marked 1/4, and on the N. build
 mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 1/4 sec. cor.

No trees near.

8000 Remote from stone & timber.

Drove charred stake and build a
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide and
 in center of pit S. E. of cor. drove
 a stake, marked and notched, 2
 ft long, 2 in. sq. 1 ft in the ground,
 as per instructions for cor. to sec.
 1, 6, 7 and 12.

Land slightly rolling. Some
 Good soil. No timber.

207

BOOK 1315

Between Tps. 18 N. Rgs. 19 & 20 E.

Gila & Salt River Meridian.

Tps. North between secs. 1 & 6.

var. 14⁰45' East4000 Set a limestone 14 x 9 x 5 in. $\frac{2}{3}$ in the ground, marked 14, and
on the N. build mound of earth 2
ft high with pits 1 ft deep, 2 ft long, 1 ft
wide as per instructions for 14 sec.

cor. No trees near.

79.00 Descend to level ground to SW & NE.

8000 Set a post, marked and notched

4 $\frac{1}{2}$ ft long, 4 in. sq. 1 ft in the
ground, bevel charr'd stone and
build mound of earth 2 ft high, with
pits 1 ft deep, 2 $\frac{1}{2}$ ft long, 1 ft wide
as per instructions for cor to Tps.

18 & 19 N. Rgs 19 & 20 E.

No trees near.

Land rolling. Soil poor

No timber. Pine Emson last end.

July 14. 1879.

Between Tps. 14 & 18 N., Range 19 E.
Gila & Salt River Meridian

Tps. From the cor. to Tps. 14 & 18 N., Rps. 19 & 20 E. down
West. on true line bet. sec. 1 & 36.
var. $14^{\circ} 43'$ East

As per Burt's Solar Compass

- 10.82 Acquia bro. N.W.
- 17.00 Same acquia bro. SW
- 22.43 Same acquia " N.W.
- 40.00 Set a post, marked 14 S. 4 ft. long, flattened
3 in. wide. 1 ft. in the ground, drive chanced
stave and build mound of earth 2 ft.
high, with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for 14 sec. co.
No trees near.
- 50.00 Set a post, marked & notched, 4 ft. long, 3 in.
sqd. 1 ft. in the ground, drive chanced
stave & build mound of earth 2 ft. high, with
pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
structions for cor. to sec. 1, 2, 35 & 36.
No trees near. Land level. Soil, strata.
No timber.

Between Tps. 17 & 18 N., Range 19 E.
Gila & Salt River Meridians

Ch. West contour line bet. sec. 2 & 35
var. 14 & 3' East

40.00 Set a sandstone 15 x 14 x 4 in. $\frac{2}{3}$
in the ground, marked 14, and on the
N. build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 14 sec. cor. No trees near.
And leave low ascend on mesa land

80.00 Set a post, marked and notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive chisel
state and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to sec. 2, 3,
34 and 35.

No trees near.

Land mostly level.

Some St. Kate soil.

No timber. Fine Grass.

Between Tps. 17 & 18 N. Range 19 E.
 Gila and Salt River Meridian

Chs. West on true line bet sec. 34 & 34
 var. 14° 45' East

- 20.00 Descend to low land.
- 40.00 Set a post, marked 14 S. 4 ft long, flat
 tined 3 in wide, 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions for 14
 sec. cor. No trees near
- 48.19 Road to S. and N. W.
- 65.38 House to N. 30th chs, dist.
- 80.00 Set a post, marked and notched, 4
 ft long, 3 in. sq. d. 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instructions
 for cor. to secs. 34, 33 and 34
 No trees near. Land mostly level.
 Soil Good. Grass. No timber

Between Tps. 17 & 18 N., Range 19 E
Gila & Salt River Meridian

The West on true line bet sees. 4 & 33
var. $14^{\circ}43'$ East.

40.00 Set a post, marked 74 S. 4 ft long, flat-
tined 3 in. wide, 1 ft in the ground,
drive charred stake and build mound
above it 2 ft high with pits 1 ft deep, 2
ft long, 1 ft wide, as per instructions
for 74 sec. cor. No trees near.

70.00 Ascend to higher ground bet. N. & S.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground,
drive charred stake and build mound
above it 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for cor. to sees. 4, 5, 32 and 33.
No trees near.

Land mostly flat. Soil 1st rate.
Fine grass. No timber.

Between Tps. 14-18 N. Range 19 E

Gila "Salt River" Meander

No. West on true line bet. secs. 5 & 32
var. 14° 43' East

4000 Set a sandstone 25 x 11 x 4 in.
7/4 in the ground, marked 74,
and on the N. build mound of
earth 2 ft high with pits 1 ft deep
2 ft long, 1 ft wide, as per instruc-
tions, for 74 sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. d., 1 ft in the ground.
Drive charred stake and build a
mound of earth 2 ft high with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 5-6.

31 and 32. No trees near.
Land level. Soil Good.
Grass. No timber.

Between Tps. 17 & 18 N., Range 19 E.
Gila & Salt River Meridian

No. West-south line between 6 & 7
var. $14^{\circ}43' E.$

4000 Set a sandstone $20 \times 12 \times 6$ in. $\frac{3}{4}$
in the ground, marked $\frac{1}{4}$, and on
the N. build mound of earth 1 ft.
high, with pile 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

And allowing for convergence—at
79.50 Set a post, marked and notched,
 $4\frac{1}{2}$ ft long, 4 in. sq. d., 1 ft in the
ground, drive charred stakes and build
mound of earth $2\frac{1}{2}$ ft high, with pile
1 ft deep, $2\frac{1}{2}$ ft long, 1 ft wide, as per
instructions for cor. to Tps. 17 and
18 N., Rgs. 18 and 19 E.

No trees near.
Land slightly rolling. Some good and
fine grass. No timber.

July 14, 1849.

Between Tps. 18 N. Rgs. 18 & 19 E.
Gila & Salt River Meridian

No. From the cor. to Tps. 17 & 18 N. Rgs. 18 & 19 E., Iron
North. between sec. 31 & 36.
var. $14^{\circ} 49'$ East

Asper Burt's Solar Compass

4000 Drive chared stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
14 sec. cor.

8000 Drive chared stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, and in center
of pit S. E. of cor. drive a stake
marked & scratched, 2 ft long, 2 in.
sq. d. 1 ft in the ground, as per in-
structions for cor. to Secs. 25-30,
31 and 36.

Remote from stone & timber,
Land slightly descending N. Some
good soil. Grass. No timber.

Between Tps. 18 N. Rps. 18 & 19 E

Gila and Salt River Meridian

No. North between secs 25 & 38
var. 14° 49' East

4000 Set a sandstone 31 x 18 x 4 in. 1 ft
in the ground, (on bed rock, and
could get no further) and on the N. build
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 1/4 sec. cor. No trees near.

80. 00 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
drive chared stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per in-
structions for cor to secs.

19, 24, 25 and 30.

No trees near

Land slightly rolling. Some good
soil. Grass. No timber.

Between Tps. 18 N., Rgs. 18 & 19 E.
Gla & Salt River Meridian

Ths. North ^{between secs.} 19 and 24
var. $14^{\circ}49'$ East

8.00 Descend to lower land E & W.

8.00 Set a post, marked 14 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground,
drive chared stake and build mound
of earth 2 ft. high, with pits 1 ft. deep, 2 ft.
long, 1 ft. wide, as per instructions for 14
sec. cor. No trees near.

62.00 Descend to bottom brs. S. E. & N. W.

62.92 Road brs. S. E. and W.

66.15 Acquia brs. N. W.

8.00 Set a post, marked & notated, 4 ft. long, 3 in.
sq. d. 1 ft. in the ground, drive chared stake &
build mound of earth 2 ft. high, with pits 1 ft.
deep, 2 ft. long, 1 ft. wide, as per instructions
for cor. to Secs. 13, 18, 19 & 24, from which
a cottonwood 6 in. dia. brs. $N 1^{\circ} E$. 7 can dists.
do. 5 " " " S. $30^{\circ} E$. 4 " "
No trees near.

Land descending N. then level bottom.
Soil strata. Scattering Cottonwood trees.

Between Tps. 18 N. Rgp. 18 & 19 E.
Gila & Salt River Meridians

Rise North between seas. 13 & 18

var. 14° 49' East

29.08 Little Colorado river 100 lb. wide, flows
N. of W., and chain across it.

4000 Set a post, marked 14 ft. long, flat-
tened 3 in wide, 1 ft. in the ground, drive
charred stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instruction for
14 sec. cor. from which
a Cottonwood, 30 in. dia. br. West, 86 diam. it.
No other trees near.

8000 Set a post, marked & notched, 4 ft long,
3 in. sq. 1 ft in the ground, drive charred
stake and build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to seas. 7. 12. 13
and 18. No trees near.
Land level. Soil 1 St. Scattering
Cottonwood trees.

Between Tps. 18 N. Rps. 18 & 19 E.

Gila & Salt River Meridian

No. North between secs. 7 & 12
var. 14° 49' East

15.31 Wagon & Present road to N. N. & S. E.
Hors Set a post, marked 14 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drove
charred stake & build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 14 sec.
Cor. No trees near.

8000 Remote from stone & timber. Drove
charred stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and in center of pit S. E. after
dove a stake marked and notched,
2 ft long, 2 in. sq. 1 ft in the ground, as
per instructions for cor. to sec. 16.

Land 12.

Land level. Soil Good. Grass,
No timber.

Between Sp. 18 N. Rqs. 18 & 19 E
Gila Salt River Meridian

No. North between sec. 1 & 2
var. 114° 49' East

Leave lowland, rise on mesa to NE SW.

35.75 Dry wash, 80 lbs. wide, to SW.

40.00 Remove from stone and timber. Drive
chard stake and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 1/4
sec. cor.

80.00 Drive chard stake and build mound
of earth 2 1/2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, and in center of
pit S. E. of cor. Drive a stake, marked
and notched, 2 1/2 ft long, 2 in. sq. &
1 ft in the ground, as per instructions
for cor. to Sp. 18 & 19 N. Rqs.

18 & 19 E. Remove from stone & timber.
Land level. Soil poor. Grass.
November.

July 15. 1879

Rec'd Sep

Between Tps. 18 & 19 N. Range 19 E

1/4 E Salt River Meridian

July 15, 1879.

No. From the Cor. to Tps. 18 & 19 N. Rqs. 18 & 19 E., Drive
East on random line on N. Boundary Secs. 6, 5, 4, 3, 2 - 1.

var. 14° 48' East

As per Facts Solar Compass -)

Set temporary cor. at every 40 and 80
chs. and at 5 miles and 78.67 chs. In-
tersect a point 62 lvs. N. of cor. to Tps.
18 and 19 N. Rqs. 19 & 20 E. Therefore
the correction will be 133 lvs. N., and
10 lvs. S. per mile. And from the cor.
to Tps. 18 & 19 N. Rqs. 19 & 20 E., Drive
N. 89° 56' W. on true line bet. secs 1 & 36.
var. 14° 48' E.

4000 Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for 4 sec. cor.

8000 Drive charred stake and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit S. E. of cor. drive a stake
secured and notched, 2 ft long, 2 in. sq. 1 ft
in the ground, as per instructions for cor. to Secs
1, 2, 3, 6 & 36. Remote from stone & timber. Land level.
Soil worthless.

Between Tps. 18 & 19 N. Range 19 E
Gila Salt River Meridian

Tr. N. 89° 56' W. across line bet. secs 2 & 35
var. 14° 28' E.

4000 Set an igneous rock, 15 x 10 x 6 in. $\frac{2}{3}$ in
the ground, marked W, and on the W. side
mound of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for W sec. cor.
No trees near.

8000 Remote from stone & timber.

Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, and in center of pit. S.E.
of cor. drive a stake marked and
notched, 2 ft long, 2 in. sq. of $\frac{1}{2}$ in
the ground, as per instructions for
cor. to secs. 2, 3, 34 and 35.
Land uneven.

Soil worthless.

No timber.

Between Tps. 18 & 19 N. Range 19 E
 Gila & Salt River Meridian

To N. 89° 56' W. on true line bet. sec. 3 & 34.
 var. 14° 48' East.

4000 Drive charred stake and build mound
 of earth 2 ft high, with pit 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for 1/4 sec. cor.

8000 Drive charred stake and build a
 mound of earth 2 ft high, with pit
 1 ft deep, 2 ft long, 1 ft wide, and in
 center of pit S. E. of cor. drive a
 stake marked and notched,
 2 ft long, 2 in. sq. 1 ft in the
 ground, as per instructions for cor.
 to sec. 3, 4, 33 and 34.

Remains from stone stumps.
 Land level then rolling
 and broken.

Soil worthless.

Section Tps. 18 & 19 N. R. 19 E

Gila and Salt River Meridian

Pos. N. 89° 56' W. on true line bet. sec. 4 & 33
var. 14748' East

4000 Set an equious stone $11 \times 9 \times 7$ in. $\frac{2}{3}$
in the ground, marked 14, and on
the W. build mound of earth 2 ft
high, with pit 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor. No trees near.

8000 Remote from stone & timber.
Drive charred stake and build mound
of earth 1 ft high, with pit 1 ft deep, 2 ft
long, 1 ft wide, and in center of pit S.E.
of cor. drive a stake marked and
notched, 2 ft long, 2 in. sq. d. 1 ft in
the ground, as per instructions for cor.
to sec. 4, 5, 32 and 33.

Land rolling and broken.

Soil worthless. No timber.

Between Tps. 18 & 19 N. R. 19 E
Tola & Salt River Meridian

Tps. N. 89° 56' W.

Outline line between secs. 5 & 32.

var. 14° 48' East

4000 Set an igneous rock, $17 \times 12 \times 5$ in. $\frac{2}{3}$
in the ground, marked 14, and on
the N. build mound of earth 2 ft high,
with pits 1 ft. deep. 2 ft long. 1 ft wide
as per instructions for 14 sec. cor.

No trees near.

8000 Set an igneous rock, $18 \times 9 \times 6$ in. $\frac{3}{4}$
in the ground, notched E side, and on
the N. build mound of earth 2 ft
high, with pits 1 ft. deep. 2 ft long. 1 ft
wide, as per instructions for cor. to
secs. 5, 6, 31 and 32.

No trees near.

Land rolling and barren.

Soil worthless. No timber.

Between Tps. 18 & 19 N. Range 19 E
 Gila Salt River Meridian

Chs. N. 89° 36' W.

to true line between sec. 6 & 7.

var. 124° 48' East

Hoag Remote from stone & timber
 Six charred staves and built around
 of each 2 ft high, with pits 1 ft deep
 2 ft long, 1 ft wide, as per instructions
 for 1/4 sec. cor.

July 57 Squash, 90 lbs. wide, br. S. W.

78. 64 Cor. to Tps 18 and 19 N. Ranges
 18 and 19 E.

Land level.

Soil worthless

No timber

July 15, 1849.

Between Tps. 17 & 18 N. R. 18 E.

Gila and Salt River Meridian

Tho. from the G. & S. Tps. 17 & 18 N. Rps. 18 & 19 E. from
W. & S. on true line between secs. 1 & 36.

Var. $14^{\circ} 41'$ East

As per Burt's Solar Compass.

4000 Drive chisel stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
1/4 sec. cor.

8000 Drive chisel stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2
ft long, 1 ft wide, and in center of pit
S.E. of cor. drive a stake marked
and notched, 2 ft long, 2 in. sq. d.
1 ft in the ground, as per instructions
for cor. to secs. 1, 2, 35 and 36.

Remote from stone steamer.

Land slightly rolling. Soil poor.

Grass. No timber.

Between Tps. 17 & 18 N. R. 18 E
 Gla and Salt River Meridian

- No. West. on true line between sec. 2 & 35.
 var. 14741 East.
- 5.00 Descend to low land brs. N W & S. E.
- 14.00 House, with corral immediately N. of
 S. brs. N. $43^{\circ}04'$ W.
- 40.00 Set a post, marked 14 S. 4 ft long, flattened
 3 in. wide 4 in the ground, drive charred
 stake and build mound of earth 2 ft high
 with pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
 structions for 14 sec. cor. No trees near.
 The house sighted to above brs from this cor. N. 20° W.
- 65.00 Ascend on higher & rolling ground brs.
 N. W & S.
- 80.00 Set a post, marked & scratched, 4 ft long
 3 in. sq. d. 4 in the ground, drive charred
 stake and build mound of earth 2 ft high,
 with pit 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for cor. to see a 2. 3. 34 and 35.
 No trees near. Land uneven. Some good
 soil. A few Cedar trees.

Between Tps. 17 & 18 N. R. 18 E
Gila and Salt River Meridian

Tps. West on true line between secs. 3 & 34.
var. 14⁰ 24' East
4000 Set sandstone 15 x 12 x 4 in. 23 in
the ground, marked 14, and on
the N. build mound of earth 2 ft
high, with pit 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 14 sec.
cor. No trees near.

8000 Set a post, marked and notched, 4
ft long, 3 in. sq. 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor. to secs.
3, 4, 33 and 34.

No trees near.

Land rolling. Soil poor. Grass.
Scattering Cedar trees.

Section Twp. 17. 18 N. Range 18 E
Tila & Sapp River Meridian

Co. West on true line between secs. 4 & 33

2 mi. 1/4 sec. 1 East

4000 Stake post, marked 14 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground
drive charred stake and build a
mound of earth 1 ft. high with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions for 14 sec. cor. No trees near.

8000 Stake post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the ground
drive charred stake and build
mound of earth 1 ft. high with
pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for cor. to
secs. 4. 5. 32 and 33.

No trees near.
Land rolling.

Soil mostly poor
Grass. A few cedars.

Between Tps. 17 & 18 N. R. 18 E

Gla & Salt River Meridian

Sec. West on true line between secs. 5 & 37.

var. 140241 'East

4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drove charred stake and build a mound of earth 1 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide as per instructions for 1/4 sec. cor. No trees near.

84.00 Set a post, marked and watched, 4 ft long, 3 in. sqd, 1 ft in the ground, drove charred stake and build mound of earth 1 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs. 5, 6, 31 and 32. No trees near.

Sand rolling, Soil poor.

Traces. A few Cedars.

Between Tps. 17 & 18 N., Range 18 E.

Plat. & Salt River Meridian

Trs. West. on true line between sec. 6 & 31

740 1/4 1/4 East

4000 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2
ft long, 1 ft wide, as per instructions
for 1/4 sec. cor. No trees near.

And allowing for convergence - of

79.50 Set a post, marked and notched, 4 1/2 ft
long, 4 in sqd, 1 ft in the ground,
drive charred stake and build a
mound of earth 2 1/2 ft high, with
pits 1 ft deep, 2 1/2 ft long, 1 ft wide, as
per instructions for cor. to Tps. 17
and 18 N., Rgs. 17 and 18 E.
No trees near.

Sand rolling, Soil poor. Grass
A few Cedars.

July 21, 1879

Between Tps. 18 N. Rps. 17 & 18 E
 1/4 Sec. Salt River Meridian

No. From the cor. to Tps. 17 & 18 N. Rps. 17 & 18 E. Sec.
 North between secs 31 & 36.
 var. 140° 35' E

At Post Butte Solar Compass
 4000 Set a post marked 1/4 S. 4 ft long, flat-
 tened 3 in. wide, 1 ft in the ground,
 drive chared stake and build mound
 a fourth of height with pits 1 ft deep, 2
 ft long, 1 ft wide as per instructions, for
 1/4 sec. cor. No trees near.

And descend to lower ground br. N. E. & S. W.
 8000 Remote from stone & timber. Drive chared
 stake & build mound a fourth of height, with pits
 1 ft deep, 2 ft long, 1 ft wide and in center of pit
 S. E. after drive a stake marked and notched
 2 ft long, 2 in. sq. 1 ft in the ground, as
 per instructions for cor. to secs. 25, 30, 31 & 36.
 Land descending N. Some good scrub
 Grass. No timber.

Between Tps. 18 N., Rgs. 17 & 18 E.

Gila & Salt River Meridians

No. North between secs 25 & 30.

Var. 124° 35' East

40.00 Set a post marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
dove charred stave and build mound of
earth 2 ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 14 sec. cor.
No trees near.

60.00 Cuernega brs. N. W. and S. E. and run in it.

80.00 Set a post, marked and notched,
4 ft long, 3 in sqd, 1 ft in the ground,
dove charred stave and build mound
of earth 2 ft high, with pit 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for cor. to secs. 19, 24, 25 & 30.
No trees near.

Land level. Soil 1st rate. Grass
No timber.

Between Tps. 18 N. Rgs. 17 & 18 E
 Tla @ Salt River Meridian.

To North between secs. 19 & 24
 var 14° 35' East

- 4.00 Leave Ceniza br. N. W. - S. E.
- 36.50 Dry wash, 25 lbs. wide, br. S. W.
- 4000 Set a post marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build mound
 of earth 2 ft. high, with pile 1 ft. deep, 2 ft.
 long, 1 ft. wide, as per instructions for
 $\frac{1}{4}$ sec. cor. No trees near
- 8000 Set a post, marked & notched, 4 ft.
 long, 3 in. sq. d. 1 ft. in the ground. Drive
 charred stake & build mound 2 ft. high
 with pile 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions
 for cor. to secs. 13, 18, 19 & 24.
 No trees near.
 Land level. Soil Good.
 Grass. No timber.

Between Tps. 18 N. Rgs. 14 & 18 E
 Gila & Salt River Meridian

No. North between secs. 13 & 18,
 var. 14⁵ 35' East

- 27.52 Little Colorado river, 100 lbs. wide,
 flows N. and chanis across
- 4000 Set a post, marked 1/4 S. of pt long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake and
 build mound of earth 2 ft high,
 with pits 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for 1/4 sec. cor.
 from which
- A Cottonwood. 4 in. dia. br. S. 30° E. 162 lbs. det.
 do. 5 " " " 4.22° E. 59 " "
- 8000 Set a post, marked and notched,
 4 ft long, 3 in, sq. d. 1 ft in the ground, drive
 charred stake and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for cor. to sec.
 7. 12. 13-18. No trees near.
 Land level. Soil good. Cottonwood
 trees.

Between Tps. 18 N., Rgs. 17 & 18 E.
 1/4 E Salt River Meridian

Sec. North between sec. 7 & 12
 was. 14th 35' East

13.43 Road to the river Cr. S. E.

14.66 Mangier & Prescott Road Cr. E. & W.

4000 Set a sandstone 18 x 10 x 3 in. 3/4 in
 the ground, marked 14, and on the
 N. build mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long. 1 ft wide, as per
 instructions for 14 sec. cor. No trees near.

5600 Rocky bluff Cr. E. & W. ascend it and
 run on uneven high ground.

8000 Set a sandstone 20 x 13 x 3 in. 3/4
 in the ground, notched S. and N.
 and on the N. build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for cor. to
 Secs. 1, 6, 7 & 12. No trees near.
 Sand level, Soil Good.

Then high worthless ground.
 Grass. No timber.

Between Tps. 18 N., Rgs. 17 & 18 E.
Tla. & Sal River Mendoc.

Ps. North between sec. 1 & 6,

sec. 14 & 35 E.

4:00 Set an iron corner, 13 x 12 x 5 in.
2/3 in the ground, marked 14,
and on the N. build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long. If under no per instructions for
1/4 sec. cor. No trees near.

8:00 Set a post, marked & notched, 4 1/2
ft long, 4 in. sq. d. 1 ft in the ground,
and build mound of stones
2 1/2 ft high, as per instructions
for cor. to Tps. 18 and 19 N.,
Rgs. 17 & 18 E.
No trees near.

Sand uncomm. Soil poor.
No timber.

July 21, 1899.

Between Tps. 18 & 19 N. Range 18 E
Tola & Salt River Meridian

Co. From the cor. to Tps. 18 & 19 N. Rqs. 17 & 18 E, Iron
Elev. a random line on N. boundary sec. 6. 5. 4. 3. 2 & 1.
var. 144° 36' East

As per Buett's Solar Compass
Inset temporary cor. at Every 40 & 80 Chs. and
at a distance of 5 miles and 79.15 Chs. I
intersect a point 89 lbs. S. of cor. to Tps.
18 & 19 N. Rqs. 18 & 19 E. - Therefore the correction
will be 85 lbs. W., and 15 lbs. N. per mile.
And from the cor. to Tps. 18 & 19 N. Rqs. 18 & 19 E. Iron
S. 89° 54' W. on true line between sec. 1 & 36.
var. 144° 36' East

- 4000 Set a limestone, 29 x 15 x 13 in. $\frac{3}{4}$ in the
ground, marked 94, and on the W. build
mound of stones 2 ft high, as per in-
struction for 74 sec. cor.
and ascend bluff to high brown mesa rock S.
- 5000 Set a sandstone 25 x 9 x 7 in. $\frac{3}{4}$ in the
ground, notched E. W., and on the
W. build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
struction for cor. to sec. 1, 2, 35 and 36.
No trees near.
Land brown. Soil poor. No timber.

Between Tps. 18 & 19 N. R. 18 E.

W. 1/2 Salt River Meander

Tps. S. 89:54 N.

Quadrangle between Secs. 2 & 35.
var. 140° 36' E

4000 Drive charred stake & build mound
of earth 2 ft high with pits 1 ft deep, 2
ft long, 1 ft wide, as per instructions
for 1/4 sec. cor.

8000 Drive charred stake and build
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions and in center of sub
S. E. of cor. Drive a stake marked
and notched, 2 ft long, 2 in. sq &
1 ft in the ground, for cor to Secs.
2, 3, 34 and 35

Remotely from stone & timber
Land broken. Soil poor.
No timber.

Between Nos. 18 & 19 N. R. 18 E

Gila & Salt River Meridian

No. S. 89° 54' W.

Actual line between Secs. 3 & 34.
var. 14° 36' E.

4000 Set a sandstone 15 x 14 x 3 in.
3 in the ground, marked 44,
and on the W. build mound of
earth 2 ft high, with pits 1 ft deep
2 ft long, 1 ft wide, as per in-
structions for 4 sec. cor. Notes near.

8000 Remote from stone & timber,
Drew chared stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide and in
center of pit S. E. of cor. drew a
stake, marked and notated, 2 ft
long, 2 in. sq. d. 1 ft in the ground,
as per instructions for cor. to Sec.
3. 4. 33 E 34.

Land broken. Soil poor. No timber.

Between Twp. 18 & 19 N. R. 18 E
 Pla & Salt River Meridian

No. S. $89^{\circ}54'N$.

On true line between sec. 4 & 33
 var. $14^{\circ}36'E$.

4000 Set a sandstone $14 \times 12 \times 4$ in.
 3 in the ground, marked 74,
 and on the N. build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 struction for 74 sec. cor.
 No tree near.

8000 Drive charred stake & build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, and in center of pit
 S. E. of cor. drive a stake marked
 and notched, 2 ft long, 2 in g.d.
 1 ft in the ground, as per instruc-
 tion for cor. to sec. 4. S. 32 & 33.
 Remote from stone & timber
 Land never. Soil poor. No timber.

Between Tps. 18 & 19 N. R. 18 E
 Tola & Salt River Mendocino

No. S. 89° 52' W.

On true line between sees 5 & 32
 var. 14° 36' E.

4000 Set a sandstone 18 x 12 x 3 in.

$\frac{2}{3}$ in the ground, marked T4,
 and on the N. build mound
 of earth 4 ft high, with pit 4 ft deep,
 2 ft long, 1 ft wide, as per instructions
 for $\frac{1}{4}$ sec. cor. No trees near.

8000 Set an igneous stone 15 x 11 x 7
 in. $\frac{2}{3}$ in the ground, marked

E 10, and on the N. build a
 mound of earth 4 ft high, with pit
 4 ft deep, 2 ft long, 1 ft wide, as per
 instructions for cor. to sees.

S. 6. 31 and 32. No trees near.

Land rolling. Soil poor.

No timber.

Between Tps. 18 & 19 N. R. 18 E
 Tola & Salt River Meridian

Sec. S. 89324. N

On true line between sec. 6 & 31
 var. $14^{\circ} 36' E$.

4000 Set an igneous stone $17 \times 9 \times 6$
 in. $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build mound
 of stones 2 ft high, as per
 instructions for $\frac{1}{4}$ sec. cor.
 Note near.

79.15 Cor to Tps 18 & 19 N. Range
 $17 \times 18 E$.

Land Broken.

Soil Poor.

No timber.

July 22. 1899.

Between Tps. 17 & 18 N., R. 17 E
 1/4 Salt River Meridian

Tps. 17 & 18 N., R. 17 E. Sec. 1 & 36
 NE corner line between 1 & 36
 Var. 14° 38' E

As Per Buys Solar Compass

12.00 Descend to lower ground 60. NE & S.

4000 Set a sandstone 23 x 14 x 3 in. 3/4
 in the ground, marked 14, and on the
 N. build mound of earth 2 ft high,
 with pit 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 14 sec cor. Notices near

8000 Remote from stone & timber.

Drive charred stake and build mound
 of earth 2 ft high, with pit 1 ft deep, 2
 ft long, 1 ft wide, and in center of pit
 S. E. of cor. Drive a stake marked and
 notched, 2 ft long, 2 in sq. d. 1 ft in the
 ground, as per instructions for cor to Sec
 1, 2, 35 and 36.

Land descending W. Soil poor. Grass
 No timber.

Between Tps. 17 & 18 N., R. 17 E.
 Pla & Salt River Meridian

No. West-tire line between sec. 2 & 35
 var. 14° 38' East

4000 Remote from stone & timber,
 Drive charred stave and build a
 mound a ft. or 2 ft. high, with
 pit 4 ft. deep, 2 ft. long, 1 ft. wide, as
 per instructions for 1/4 sec. cor.

In less than half a mile
 W. on this line, the line becomes im-
 practicable from a succession of
 cañons enclosing a creek of salt
 water flowing to the N. The ground
 is impassable and the land
 utterly worthless and barren.

I cannot run any further
 W. on this line.

July 26. 1879.

Between Tps. 18 & 19 N. R. 17 E.

Gila & Salt River Meridian

No. From the cor. to Tps 18 & 19 N. Rgs. 17 & 18 E. Sec. 36
West. on true line between secs. 1 & 36.
var. $14^{\circ} 34' E$

As per Buets Solar Compass

4000 Remote from stave & timber.

Drove charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instru-
tions for 14 sec. cor.

8000 Set a post, marked and notched,
4 ft long. Fair sized soft in the ground,
dove charred stake and build a
mound of earth 2 ft high with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to Secs. 1, 2, 35
and 36. No trees near.
Land rolling & broken.

Soil poor. No timber.

Between Tps. 18 & 19 N. R. 17 E
Tila & Salt River Meridian

No. West. true line between sec 2 & 35
var. 14° 37' E.

4000 Set a sandstone 14 x 12 x 6 in. $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$, and
on the N. build mound of earth 2
ft high with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for $\frac{1}{4}$
sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long. 3 in. sq. d. 1 ft in the ground
due to charred state and build mound
of earth 2 ft high with pits 1 ft deep
2 ft long, 1 ft wide, as per in-
structions for cor. to sec. 2, 3,
34, and 35. No trees near.

Land rolling. Soil poor.
No timber.

Between Tps. 18 & 19 N. R. 14 E
 1/2 Sec. 34 & Salt River Meridian

To West on true line between sec. 33 & 34,
 var. 14° 34' E.

4000 Remote from stone and timber,
 Drive charred staves and build
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 14 sec.
 cor.

8000 Set a sandstone 24 x 10 x 3 in.
 3/4 in the ground, notched E. end
 and on the N. build mound of
 earth 2 ft high, with pits 1 ft deep
 2 ft long, 1 ft wide, as per in-
 structions for cor to Sec. 33, 34,
 33 and 34. No trees near.
 Land rolling.

Soil poor.

No timber.

Between Tps. 18 & 19 N. R. 17 E
Gila Co. Salt River Meridian

No. West, at true line between Secs. 4 & 33

var. 14° 34' East

22.00 descend to lower ground ^{600. N. 45.}
22.79 dry wash, 20 hrs. wide, from N.E. to S. of SW
and W. and at

29.00 Same wash turns S.

40.00 Set a post, marked 4 S. 4 ft long,
flattened 3 in wide, 1 ft. in the ground,
drive charred stakes and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
4 sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. ft. in the ground,
drive charred stakes and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions for cor. to Secs. 4, 5, 32
and 33. No trees near.
Land rolling down then level wood.
Grass. No timber.

Between Tps. 18 & 19 N. R. 17 E
Tola and Salt River Meridian

No. West corner line bet. sec. 5 & 32,
var. 14³⁴ East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide 1 ft in the
ground. Above charred stake and
build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq. in the ground
above charred stake and build
mound of earth 2 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor. to sec.
5, 6, 31 and 32. No trees near.
Land slightly descending N.
Soil good. Grass. No timber.

Between Tps. 18 & 19 N. Range 17 E
 Gila & Salt River Meridian

This West. on true line between C & B
 var. 14° 34' East

4000 Set a post, marked 4 ft. 4 in. long, flattened
 3 in. wide, flush the ground, drive charred
 stake and build mound of earth 2 ft
 high, with pit 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for these co. No trees near.

64.61 Wengate & Prescott Road trs. N.W. & S.E.

And allowing for convergence, at
 4000 Set a post, marked and notched,
 4 ft long, 4 in. sq. d. flush the ground,
 drive charred stake and build mound of
 earth 2 1/2 ft high, with pit 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for con. to Tps. 18 & 19 N. Rgs. 16 and
 17 E. No trees near.

Land level. Soil Good.

Grass. No timber.

July 28, 1879.

Between Tps. 18 N., Rgs. 16 & 17 E.
 Gila & Salt River Meridian

No. From the Co. to Tps. 18 & 19 N., Rgs. 16 & 17 E. In
 South. on true line between Secs 1 & 6
 var. $114^{\circ} 44'$ East

As per But Solar Compass

40.00 Set apart, marked 4 S. 4 ft long, flattened 3
 in. wide. 1 ft in the ground, drive charred stake
 and build mound of earth 4 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, as per instructions
 for 1/4 sec. cor. No trees near.

80.00 Cor. falls in ground subject to wash & overflow
 from the Little Colorado river. There is no place
 on the line N. or S. under 9 or 10 chs. distance safe
 from overflow. So I select a high, secure point
 4.06 chs. E. of true cor., where I set apart, marked
 and marked 4 ft long, 3 in. sq. 1 ft. in the
 ground, drive charred stake and build mound
 of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1
 ft wide, for witness cor. to Secs. 1, 6, 7 and
 12, from which
 a Cottonwood, 10 in. diam. S. $63\frac{1}{2}^{\circ}$ W. 66 lan. dist.
 do. 14 " " N. 53° E. 113 " "
 No other trees near.
 Land level, Soil Good. Cottonwood
 trees on S. end.

Between Tps. 18 N. Rgs 16 E & 14 E.

Gila and Salt River Meridian

From the true point of cor. to sec. 1. 6. 7 & 12 from

the South true line between sec. 7 & 12,

var. 140° 44' East

5.25 Little Colorado river, 125 lbs. wide,
flows from the N.E. to S. of W., then turns N. of W.,
and chain across.

30.61 Branch of Main overland road to NW & S.E.

4000 Set a post, marked 1/4 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drive charred
stone and build mound of earth 2 ft
high with pile of 2 ft diam. 2 ft long, 1 ft wide,
as per instructions for 1/4 sec. cor. No trees near

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
and build mound of stones 2 ft
high as per instructions for cor. to
secs. 7. 12. 13 & 18. No trees near
Land level. Then somewhat ascending
S. Some good soil. Grass.
A few Cottonwood & Cedar trees.

Between Tps. 18 N., Rgs. 16 E & 17 E
Tila & Salt River Meridian

No. South on true line between, 13 & 18.

var. 14 24 4 East

4000 Set a sandstone 28 x 10 x 5 in. $\frac{3}{4}$
in the ground, marked 44, and on
the S. build mound a fourth of ft.
high with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for 44 sec.
cor. No trees near.

8000 Remove from stone & timber.

Drive charred stake and build mound
a fourth of ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, and in center of
pit S. E. of cor. drive a stake, marked
and notched, 2 ft. long, 2 in. sq. 1 ft.
in the ground, as per instructions
for cor. to secs. 13, 18, 19 & 24.
Land ascending S.
Soil mostly poor. Grass.
No timber.

Between Tps. 18 N. Rps. 16 & 17 E.
 T14 @ Salt River Meridian

No. South on line between sec. 19 E. of
 var. 14th 47 East

4000 Remove from stone & timber. Drive channel
 stone and build mound of earth 2
 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for
 1/4 sec. cor.

8000 Set a sandstone 18 x 10 x 6 in,
 3/4 in the ground, matched
 N. & S., and on the S. build a
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for cor to
 sec. 19. 24. 25 x 30.

No trees near.

Land level. Soil poor.

Grass. No timber.

Between Tps. 18 N. Rgs. 16 & 17 E
 Tla & Salt River Meridian

No. South-south line bet. sec. 25 & 30
 var. 14⁰ 44' E

40.00 Set a sandstone 24 x 15 x 2 in. 3/4
 in the ground, marked 14, and
 on the S. build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instruc-
 tions for 14 sec. cor. No trees near.

8000 Set a sandstone 16 x 14 x 6 in.
 2/3 in the ground, notched N.
 & S. and on the S. build a
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for cor. to Sec.
 25, 30, 31 and 36.

No trees near.

Land uneven and some
 broken. Soil poor. Grass.
 A few cedar trees.

Between Tps. 18 N. Rgs. 16 E & 17 E
Tla & Salt River Meridian

Rs. South ^{on true line} between sec 31 & 36
var. 14' 44" East

4000 Setapost, marked 14 1/2 ft long, flat-
tened 3 in wide, 1 ft in the ground,
driv' charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, as per instruc-
tions for 44 sec. cor. No trees near.

8000 Setapost, marked & molested,
4 1/2 ft long, 4 in sq d, 1 ft in the
ground, driv' charred stake
and build mound of earth 2 1/2 ft high
with pits 1 ft deep, 2 1/2 ft long, 1 ft
wide, as per instructions for cor.
to Tps. 17 and 18 N. Rgs. 16
and 17 E. No trees near.
Land slightly rolling. Soil
poor. Grass. A few Cedar trees.
July 28, 1879.

Between Tps. 17 & 18 N. R. 17 E.
Gila & Salt River Meridian

No. From the cor. to Tps. 17 & 18 N. Rps. 16 & 17 E. Run
East on true line between sec. 6 & 31
var. 14740' E

As per Burt's Solar Compass
Allowing for convergence, at—

- 39.50 Set a sandstone 22x12x4 in. $\frac{3}{4}$ in.
the ground, marked $\frac{1}{4}$, and on the E.
build mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for $\frac{1}{4}$ sec. cor. No trees near.
- 79.50 Set a post, marked and notched, 4
ft long, 3 in. sq. 1 ft in the ground,
drive chisel state and build a
mound of earth 2 ft high, with pit
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs 5, 6,
31 and 32. No trees near.
Land slightly rolling. Soil poor.
Grass. A few Cedar trees.

Between Tps. 17th & 18th N. R. 17th E
 Tl. 4th Salt River Meridian

Ts. East. on true line bet. sec. 32 & 33
 var. 14th 40' East

4000 Set a sandstone 24 x 12 x 5 in.
 3/4 in the ground, marked 74,
 and on the E. build mound of
 earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 structions for 74 sec. cor.
 No trees near.

8000 Set a post, marked and colored,
 4 ft long, 3 in. sq. d., 1 ft. in the
 ground, drive charred stake ⁴/₄
 build mound of earth 2 ft high,
 with pits 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for cor. to Secs.
 4, 5, 32 and 33. No trees near.
 Land broken. Soil poor.
 A few Cedar trees.

Between Tps. 17 & 18 N. R. 17 E
 1/4 and Salt River Meridian

No. East on true line bet. secs. 4 & 33

var. 14° 48' East

4000 Set a sandstone 15 x 10 x 4 in. 7 in the ground
 marked 14, and on the E. build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 4 sec. cor. No trees near.

8000 Set a sandstone 18 x 11 x 6 in. 7 in the ground,
 marked E. 11, and on the E. build mound
 of earth 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for corner Secs.
 3, 4, 33 and 34. From which
 a Cedar, 8 in. dia. br. N. 10° W. 105 lbs. dist.
 No other trees near.
 Land broken. Soil poor. A few Cedar trees.

July 28, 1849.

In attempting to run E. from this last des-
 cribed corner, at 12.00 the line becomes
 impracticable, intersecting main canon of
 Salt creek, br. E. of N. with perpendicular
 stone walls hundreds of feet deep.
 The land is non-mineral and worthless.
 I cannot run this line any
 farther E.

361

Between Tps. 19 N. Rgs. 16 & 17 E

Tla & Salt River Meridian

Tps. From the Cont. Tps. 18 & 19 N. Rgs. 16 & 17 E. Iron
North. between sec. 31 & 36.
var. $124^{\circ}44'$ East

Asper Built Solar Compass

5.20 Wingate & Prescott road on N. of C.D.

4000 Set apart, marked 14 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, driven chanced
stake and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.

No trees near.

8000 Set apart, marked & notched, 4 ft long,
3 in. sq. 1 ft in the ground, driven chanced
stake and build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor. to Secs 25-30.

31 and 36. from which

a Cottonwood, 12 in dia. on $4.63^{\circ}E$ 51 ha. dist.do. 20 " " " $N. 10^{\circ}N.$ 175 "

No other trees near.

Land uneven. Soil good. A few
Cottonwood trees.

Between Tps 19 N. Rps. 16 & 17 E
Tola & Salt River Meridian

Tps. North. between sec. 25 & 30
var. 12⁰ 27' East

0.15 Cottonwood creek, 30 lbs. wide, dry, br.
W. & S.W.

1.85 Same creek; 30 lbs wide, dry, br S E.

9.35 do. do. 40 lbs. wide, br N. of W. then S.W. then S.E.

4000 Set a post, marked 14 S. 4 ft long, flattened
3 in wide. 1 ft in the ground, drive charred stake
and build mound of earth of height with pits
1 ft deep, 2 ft long, 1 ft wide, as per instructions for
1/4 sec. cor. No trees near.

62.00 Leave low land, ascend on sandy mesa, br NE-SW.

8000 Set a post marked & scouted, 4 ft long, 3 in sq.
1 ft in the ground, drive charred stake and
build mound of earth of height, with pits
1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for cor. to sec. 19, 24, 25-30.
No trees near. Land uneven.
Much good soil. A few Cottonwood trees.

Between Tps. 19 N. Rgs. 16 E & 17 E
Tola and Salt River Meridian

No. North between sec. 19 & 24
var. 14 of 7 East
4000 Set apart, marked 14 S of pt long,
flattened 3 in wide, 1 ft in the
ground. Drive charred stake and
build mound of earth of height
with pit 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 14 sec. cor.
No trees near.

8000 Remote from stone & timber.
Drive charred stake and build mound
of earth of height with pit 1 ft deep, 2
ft long, 1 ft wide, and in center of
pit S. E. of cor. Drive a stake marked
and notched, 2 ft long, 2 in high
1 ft in the ground as per instructions
for cor. to sec. 13, 18, 19 and 24.
Land rolling. Soil worthless. No
timber.

Between Tps. 19 N. Rgs. 16 & 17 E
 Gila & Salt River Meridian

Tps. North between secs. 13 & 18.

var. 14 & 17 East

4000 Set apart, marked 1/4 S. 1/4 E. long. flat-
 tened 3 in wide, 1 ft in the ground, drive
 charred stake & build mound of earth
 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for 1/4 sec. cor.
 No trees near.

84.00 Remote from stone & timber. Drive
 charred stake & build mound of earth
 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft
 wide, and in center of pit S. E. of fec. drive
 a stake, marked and scratched, 2 ft long,
 2 in sq. d. 1 ft in the ground, as per in-
 structions for corner secs. 7, 12, 13
 and 18.

Land rolling sand hills.

Soil worthless. No timber.

Between Tps. 19 N. Rgs. 16 E & 17 E
 Tla & Salt River Meridian

No. North between sec. 7 and 12
 var. 14.47 East

2400 Dig wash, 20 ft. wide, br. W.

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build mound
 of earth 1 ft. high with pits 1 ft. deep,
 2 ft. long, 1 ft. wide, as per instruc-
 tions for $\frac{1}{4}$ sec. cor. No trees near.

8000 Remote from stone Etumbea. Drive
 charred stake and build mound of
 earth 1 ft. high, with pits 1 ft. deep, 2 ft. long,
 1 ft. wide, and one corner of pit S. E. of
 cor. drive a stake marked & notched
 2 ft. long, 2 in. sqd. 1 ft. in the ground,
 as per instructions for cor. to sec.
 1. 6. 7 and 12.

Land selling Sand hills.

Soil worthless. No timber.

Between Tps. 19 N. Rps. 16 E & 17 E
 Gila & Salt River Meridian

To North between secs. 1 & 6.
 near 1474 East

7000 Set a post, marked 4 S. 4 ft long, flattened
 3 in wide, driven the ground, drove chared
 stake and build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for 14 sec. cor. No trees near.

8000 Set a post, marked & notched, 4 ft x 6
 long, 4 in sq. driven the ground,
 drove chared stake and build mound
 of earth 2 1/2 ft high, with pits 1 ft deep,
 2 1/2 ft long, 1 ft wide, as per in-
 structions for cor. to Tps. 19 & 20 N.
 Rps. 16 & 17 E. No trees near.

Land rolling. Soil worthless.

No timber

August 2, 1849.

List of Names.

BOOK 1315

No. 1315

A List of the Names of Individuals employed
 to assist in running, measuring, or marking the
 lines and corners described in the foregoing Field
 Notes of the survey of Eastern Boundary of the
12 & 13 N. Range 21 E., 16 N. Range 22 E.,
17 N. Rgs. 20, 21 & 22 E., and Twp. 18 N.
Ranges 17, 18 and 19 E., of the
Gila and Salt River Me-
ridian, Arizona

Showing the respective capacities in which they acted.

- Richard Shrope Chainman.
- G. A. Oldhice Chainman,
- Geo. McNeal } Axeman.
- B. Palmer }
- Evaristo Sanz Flagman.

767B

BOOK

1315

Final Oath of Assistants.

We hereby certify that we assisted John L. Harris U. S. Deputy Surveyor, in surveying Extension Boundaries of Tps. 12 & 13 N. Range 21 E., 16 N. Range 22 E., 17 N. Rgs. 20. 21 and 22 E., and Tps. 18 N. Rgs. 17 18 and 19 E., of the Gila and Salt River Meridians, Arizona

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Richard Shryve Chainman.

J. A. Cleaves Chainman,

Geo. McNeal Axeman.

B. Palmer Axeman.

Evaresto Sarmiento Flagman.

Sworn to and subscribed before me, this 7th

day of September, 1879

John L. Harris
U. S. Dep. Surveyor

267C

BOOK 1815

Final Oath of Deputy Surveyor.

I, Thos. Harris

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the 28th day of April

1879. I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of the

Exterior boundaries of Tps. 12 & 13 N.

Range 21 E, 16 N. Range 22 E, 17 N.

Ranges 20, 21 and 22 E, and Tps. 18

N. Ranges 17, 18 and 19 E, of the

Gila and Salt River Meridian

Arizona as are represented in the foregoing Field Notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

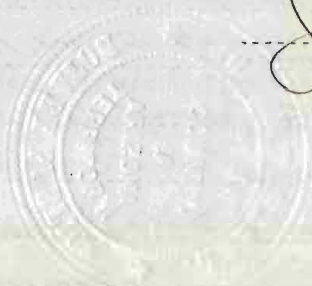
tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

W. L. Harris

Deputy Surveyor.

Sworn to and subscribed before me, this 25 day of September, 1879

John R. Farrell
Notary Public



Independent Order of Odd Fellows

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Preliminary Oaths of Assistants.

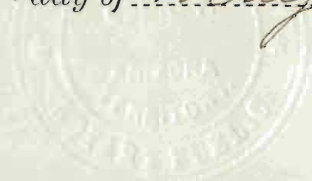
We, Richard Shrope
and Geo McNeal

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Richard Shrope
Geo McNeal

Sworn to and subscribed before me, this 21st
day of May, 1879

John P. Howell
Notary Public



We, B. Palm, J. C. Lindsey
and Evaristo Saiz

do solemnly swear that we will well and truly per-
 form the duties of Assessors and
Magistrate respectively,
 according to instructions given us, and to the best
 of our skill and ability.

B. Palm
J. C. Lindsey
Evaristo Saiz

Sworn to and subscribed before me this 31st
 day of May, 1879

John R. Farrell
Notary Public



Between Tps. 18 & 19 N. R. 16 E

Gila and Salt River Meridian

Continued

No. 4 ft long. 3 in. sq. set from the ground, drive charred stake and nail around a post 2 ft high with pits 1 ft deep. 3 ft long. 1 ft wide, as per instructions for cor to secs 1, 2, 35 and 36.

No trees near.

Land level.

Soil Good.

No timber.

West. true line bet. secs. 2 & 35.

var. 14° 50' East

18.44 The Kingate & Prescott Road Co. N. of W.

30.42 Same road Co. S. of W.

37.43 Same road Co. N. of W.

4000 Set a post, marked 14 S. 4 ft

long, flattened 3 in. wide. ft.

Between Tps. 18 & 19 N., Range 16 E
Pala and Salt River Meridian

No. Continued
in the ground, drive charred
stake and build mound of
earth 2 ft high, with pits 1 ft.
deep, 2 ft long, 1 ft wide, as
per instructions for 1/4 sec.
cor.

No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in sq. 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to Secs 2, 3,
34 and 35. No trees near.
Sand flat. Soil Good. No timber.

West. true line bet sec. 3 & 34
var. 140 58 East

4000 Set a post, marked 1/4 S 4 ft

Between Tps. 18 & 19 N. R. 16 E
Gila and Salt River Meridian

- Continued
- 78.50 4 ft long, flattened 3 in wide, 1 ft in the ground, down charred state and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. Notice near Little Colorado river, 1.25 chs. wide, flows from S. E. to N. then N. E. & Charms across.
- 8000 Set a post, marked & isolated, 4 ft long, 3 in sqd, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to sec. 3, 4, 33 and 34. Notice near. Land flat. Soil good. No timber.

West. entrance line bet. sec. 4 & 33
var. 14° 50' East

- 0.25 Salt slough of water, 50 lns. wide, 100. N.E. & S.W.
- 4000 Set a post, marked 1/4 S. 4 ft long,

Between Tps. 18 & 19 N. R. 16 E.
Tla & Salt River Meridian

Continued
No flattened 3 in wide, 4 ft in the
ground, drove charred stake
and build mound of earth 2 ft
high with pit 1 ft deep, 2 ft
long, 1 ft wide, as per instruction
for 4 sec. cor. No trees near.

63.30 Road to Clear Creek, br. N. & S.

80.00 Set a post, marked and notched,
4 ft long, 3 in sq. ft. in the
ground, drove charred stake
and build mound of earth 2 ft
high with pit 1 ft deep, 2 ft long,
1 ft wide, as per instruction
for cor to sec. 4, 5, 32 and
33.

No trees near.

Land uneven. Some good soil
Grass. No timber.

Between Tps. 18 & 19 N. R. 16 E.
Gila and Salt River Meridian

No. West on true line bet. sec. 5 & 32
var. $14^{\circ}50'$ East
Leave lowland and ascend on mesa
brs. NW. & S.

23.83 Nagale & Prescott road brs. NE & SW
4000 Set a post, marked 14 S. 4 ft long, flat-
tened 3 in wide. 1 ft in the ground,
dove charred stake & build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
1/4 sec. cor. No trees near.

8000 Set a post, marked E & notched 4 ft
long, 3 in sq. 1 ft in the ground, dove
charred stake & build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for cor.
to sec. 5, 6, 31 and 32.
No trees near. Land rolling
mesa. Soil poor. Grass. No timber.

Between Tps. 18 & 19 N. R. 16 E.
Tla & Salt River Meridian

On West, entire line between Secs. 6 & 31
var. 14° 50' East

4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
dew's charred stave & build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for 14
sec. cor. No trees near.

And allowing for emergency at
4900 Set a post, marked & notched, 4 1/2 ft
long, 4 in. sq. d., 1 ft in the ground, dew's
charred stave & build mound of
earth 2 ft high, with pits 1 ft deep,
2 1/2 ft long, 1 ft wide, as per instruc-
tions for cor. to Tps. 18 & 19 N. Rqs
15 & 16 E. No trees near.
Land rolling. Soil poor.

Pass. No timber.

August 2, 1849.

Between Tps. 19 N. Rgs. 15 & 16 E.

File & Salt River Meridian

No. From the cor. to Tps. 18 & 19 N. Rgs. 15 & 16 E. dwn
North between sec. 31 & 36.
var. 14° 54' East

Reput Built Solar Compass

4000 Set as post marked 14 S. 4 ft long, flat-
tened 3 in wide. 1 ft in the ground, drive
chanel stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
4 sec. cor. No trees near.

8000 Remote from stone & timber. Drive chanel
stake & build mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, and in center of
pit S. E. of cor. drive a stake, marked
and notched, 2 ft long, 2 in sq. 1 ft
in the ground, as per instructions for
cor. to sec. 25, 30, 31 and 36.
Land slightly rolling. Soil poor.
Grass. No timber.

Between Tps. 19 N. Rys. 15 E & 16 E
 Tla & Salt River Meridian

This North between sec. 25 & 30

var. 14° 57' East

4000 Set post, marked by S. 4 ft long,
 flattened 3 in wide, from the ground,
 drive charred stakes & build mound
 of earth 2 ft high, with pits 1 ft deep, 2
 ft long, 4 ft wide, as per instructions
 for 14 sec. cor. No trees near.

Land desc. near by S E & N. W.

8000 Set post, marked and notched 4 ft
 long, 3 in sq. d. from the ground, drive
 charred stakes and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions
 for cor. to secs. 19, 24, 25
 and 30. No trees near.

Land slightly descending N.
 Soil good. Grass.

No timber.

Between Tps. 19 N., Rgs. 15 & 16 E.
 Pala & Salt River Meridian

To North between secs. 19 & 21
 var. $14^{\circ} 57'$ East

22.46 Road from Brigham to Saw Mill Cr. E. & N.

4000 Set a post, marked $1/4$ S. $1/4$ blng. flat-
 tened 3 in wide, 1 ft. in the ground,
 drive charred stake & build mound of
 earth 2 ft high with pits 1 ft. deep, 2 ft long,
 1 ft wide as per instructions for 1/4 sec. cor.
 No trees near.

8000 Set a post, marked and notched
 $1/4$ blng. 3 in. sq. ft. 1 ft. in the ground
 drive charred stake & build mound
 of earth 2 ft high, with pits 1 ft. deep, 2
 ft long, 1 ft wide as per instructions
 for cor. to secs. 13, 18, 19, & 21.
 No trees near.

Sand flat. Soil Good.
 No timber.

Between Tps. 19 N., Rgs. 15 E & 16 E
Plat. Salt River Meridian

Tps. North between secs 13 E & 18,
ran. 14th 5th East

4000 Setapost, marked 1/4 S. 4 ft long, flat-
tired 3 in wide, 1 ft. in the ground. Driv^e
chard stake and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 4 ft
wide, as per instructions for 1/4 sec. cor.
No trees near.

79.76 Road to San Francisco Mountains Cor. 17th 5th E.

8000 Setapost, marked & notched, 4 ft long,
3 in sqd. 1 ft in the ground, driv^e chard
stake and build mound of earth 2
ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
cor. to secs. 7, 12, 13 and 18.
No trees near.

Land flat. Soil Good.
No timber.

Between Tps. 19 N. Rps. 15 E & 16 E.
 6th & Salt River Meridian

No. North between 7 & 12:
 var. 14° 57' East

37.66 Acquia brs. N. W. & S. E. and enter cul-
 tivated ground, brs. E. & terminates just N. of line.

4000 Set a post, marked 74 S. 4 ft long, flattened
 3 in wide. 1 ft in the ground. Saw a charred
 stone & build mound of earth 4 ft high
 with pits 1 ft deep. 1 ft long. 1 ft wide, as
 per instructions for 74 sec. cor. Not a tree near.

478.00 Leave cultivated ground brs. E.

8000 Set a post, marked & notched, 4 ft long
 3 in sq. d. 1 ft in the ground. Saw a charred
 stone & build mound of earth 4 ft high
 with pits 1 ft deep. 1 ft long. 1 ft wide
 as per instructions for cor. to Sec. 1.

6.7 and 12. No trees near.
 Land level. Soil Good.

A few Cottonwood trees.

Between Tps. 19 N., Rgs. 15 & 16 E.
T14 Salt River Meridian

No. North between Secs. 1 & 6.
var. 14th 57th E. var.

4000 Set a post marked '48. 4 ft long, flat-
tomed 3 in wide, 1 ft in the ground, drive
charred stakes & build mound of earth
2 ft high with pit 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 14 sec. cor.
No trees near.

8000 Set a post, marked E. notched, 4 1/2
ft long, 4 in sq. d., 1 ft in the ground,
drive charred stakes & build mound
of earth 2 1/2 ft high, with pits 1 ft
deep, 2 1/2 ft long, 1 ft wide, as per
instructions for cor. to Tps. 19 + 20 N.,
Rgs. 15 & 16 E. No trees near.

Land level Soil Good. Grass.
A few Cottonwood trees.
August 4, 1879.

S. Boundary Tr. 21 N. Range 8 E

Gila & Salt River Meridian

From the closing cor. to Tr. 20 N. ranges 8 & 9 E, as just established, I run East along the 5th Standard N. var. 15° 33' East

As per Burt's Solar Compass And by calculation of convergence of meridians - at

16.00 Set a post marked & notched, 4 1/2 ft long, 4 in. sq. 1 ft. in the ground and build mounds of stones 2 1/2 ft high as per instructions for Standard Cor. to Tr. 21 N. Rgs. 8 & 9 E. from which
Alme. 20 in dia. - 60. N. 53° E. 112 br. dist.
Co. 24 " " " N. 18° W. 153 "

Sand rolling & Brown. Soil poor. Grass, Scattered Pine timber.

S. Boundary Sp. 21 N. R. 8 E

File Salt River Meridian

Ch. From the Standard cor. to Sp. 21 N.
Rgs. 8 & 9 E, as first established,
Darius

West. on line on S. boundary sec. 36.
var. 15° 33' East

As per Buhrs Solar Compass

16.00 The claim cor. Sp. 20 N. Rgs. 8 & 9 E
as lately established.

40.00 Set a post, marked 44 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, and build mound
of stones 2 ft high, as per in-
structions for W sec. cor. from which
a line, 26 in. dia. N. 70° W. 82 hands to
do. 29. " " North 25 " "

80.00 Set a post, marked and notched
4 ft long, 3 in sq. d. 1 ft in the
ground, drive charred stake
and build mound of earth
2 ft high, with pits 1 ft deep

S. Boudary Tr. 21 N. R. 8 E

Plat 4 Salt River Meridian

Continued -
No 2 1/2 ft long, 1 ft wide as per instructions
for standard cor to Sec. 35
36. from which

At Pm. 30 in dia. N. 43° W. 63 ch. dist

to 28 " " " N. 28° E. 146 " "

Land rolling & broken; very rough.

Soil poor. Scattering Pm timber.

Some oak trees & brush.

West on true line on S. Boudary sec. 35.
var. 15° 33' East

Hoos Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high
with pits 1 ft deep, 2 1/2 ft long, 1 ft
wide, as per instructions for
1/4 sec. cor.

From which

5th Standard N.

BOOK 1315

O. Boundary Sp. 21 N. R. 8 E

Via Salt River Meridian

Continued -

No. a Pine, 27 in dia. br. N. 11° W. 71 br. dist.

do. 29 " " N. 15° E. 88 " "

43.03 Pine live tree 25 in dia.

8000 Set a post, marked and notched
4 ft long, 3 in. sq. d. 1 ft in the
ground, and build around
of stones 2 ft high, as per in-
struction for standard corner Sec
34 & 35, from which

a Pine, 26 in dia. br. N. 80° W. 13 br. dist.

do. 25 " " N. 18° E. 87 " "

Land broken and rough.

Soil poor.

Scattering Pine timber.

Some oak trees & brush

S. Boundary. Tps. 21 N. R. 8 E

The Salt River Meridian

No. In a short distance N. of the
 cor to secs. 34 & 35. The Standard
 intersects impassable canons
 coming in from the N. and bearing
 W. I cannot run any fur-
 ther N. on this line.

September 9. 1849.

Returning to the Standard cor to
 Tps. 21 N. Rps. 8 & 9 E., and attempting
 to run thence north between Tps
 21 N. Rps. 8 & 9 E., I find that
 in less than half a mile the line
 intersects the great canons to the
 N. bearing W. & S. of W. and the
 extension of said line is unprac-
 ticable.

Traverse Line in Tp. 21 N. R.

8 E. Gila & Salt River Meridian

Ans. I have previously stated in these field notes that the Fifth Standard Parallel N. forming the S. boundary of Tp. 21 N. R. 8 E., cannot be run on account of impassable cañons bearing N. and S. of it along the line of said standard. I have also been compelled to relinquish its extension westward from the standard cor. to Tps. 21 N. Rqs. 8 & 9 E. I have found that the E. boundary of Tp. 21 N. Range 8 E. cannot be run from the standard cor. to Tps. 21 N. Rqs. 8 & 9 E. Nor can I extend the N. boundary of Tp. 21 N. range 8 E. from any corner yet established

Traverse Line in Tps. 21 N. R. 8 E
Tila & Salt River Meridian

As the cor. to Tps. 21 & 22 N. Rgs
7 & 8 E. falls on the imprac-
ticable S. E. end of the San
Francisco mountains and can-
not be established.

But Township 21 N. range
8 E. contains a large quantity
of fine Pine timber and through
it passes one of the main over-
land roads, making the timber
accessible, and it should
be subdivided.

While, therefore I have not
the necessary connecting points
to enable me fully to com-
ply with General Land Office's
instructions in the matter of
survey of fractional township
exterior, (date July 15. 1848) I
shall endeavor to comply with

Traverse Line in Tp. 21 N., R. 8 E.
to Gela & Salt River Meridian

Ans. the spirit of said instructions
by so running a traverse line
as a substitute for the S. and
E. boundaries of Tp. 21 N., R.
8 E., as to afford the proper base
for running the subdivision
lines in the usual manner.

Therefore, going to the cor.
to secs. 25, 30, 31 and 36. on
the N. boundary of the Township,
I find this corner standing as
established originally, - a flat
with mound of earth and pits and
from which

to P. 1, 32 in. dis. to N. 56° E. 68 ch. dist.

do. 28 " " S. 55° E. 91 " "

do. 30 " " S. 52° W. 124 " "

do. 22 " " N. $54\frac{1}{2}^{\circ}$ E. 124 " "

And from this cor. I run on
a true line as follows:

Traverse Line in Tp. 21 N. R. 8 E
 1/4 Salt River Meridian

- No. East between sec. 30 & 31
 var. $15^{\circ} 34'$ East
 as per Buets Solar Compass.
- 30.00 Pine tree 24 in. dia.
- 40.00 Set post, marked 1/4 S. 4 ft. long,
 flattened 3 in. wide. 1 ft. in the
 ground, drive charred stake and
 build mound of earth of the high
 with pits 1 ft. deep - 2 ft. long, 1 ft.
 wide, as per instructions for 1/4
 sec. cor. from which
 An Oak 16 in. dia. 60, S. 30° W. 28 Gradit
 A Pine 29 " " " N. 42° W. 30 " "
- 45.65 Pine tree, 31 in. dia.
- 48.13 do. " 27 " "
- 70.03 do. " 22 " "
- 78.13 do. " 27 " "
- 80.00 Set post, marked and notched
 4 ft. long, 3 in. sq. d. 1 ft. in the
 ground, drive charred stake

Traverse Line in Tp. 21 N. R. 8 E

Pla & Salt River Meridian

Continued
 and build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for cor. to Secs
 29, 30, 31 and 32, from which
 a Pine, 10 in. dia. br. N. 55° E. 79 lead out.
 do. 20 " " S. 20° E. 129 " "
 do. 22 " " S. 57° W. 144 " "
 do. 21 " " N. 53° W. 103. " "

Land rolling. Some good soil
 Grass. Heavy Pine timber, Oak trees.

East between secs. 29 & 32

var. 15° 34' East

24.20 Pine line tree 32 in. dia.

4000 Set a post marked 4 S. 4 ft long,
 flattened 3 in. wide, 1 ft in the
 ground, and build mound of
 stone 2 ft high, as per instructions
 for 14 sec. cor. from which
 a Pine, 20 in. dia. br. N. 5° W. 47 lead out.
 do. 28 " " South. 102 " "

Traverse Line in Sp. 21 N. R. 8 E
Tla 4 Salt River Meridian

Continued
No.

8000 Set apart, marked and stretched 4
ft long, 3 in sq d. ft in the ground,
have charred stake and build
mound of earth 2 ft high with
pit 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor to see.

- 28, 29, 32 and 33. from which
- A Pair, 26 in dia. br. S. 70° W. 43 Cu. dit.
- do. 17 " " " N. 50° W. 84 " "
- do. 20 " " " N. 50° E. 104 " "
- do. 25 " " " S. 13° W. 149 " "

Sand broken, Soil poor. Grass.
Heavy Pair timber.

East. between sees 28 & 33
var. 15° 34' East

2000 Intersect and run along N. edge
of great cañon to the S. bearing
N. and S. of all.

Traverse Line in Tp. 21 N. R. 8 E

6th & Salt River Meridian

4000 Contained

4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, and build around a stone 2 ft high, as per instructions for 74 sec. cor. from which

A Pine, 25 in. dia. br. N. 38° E. 53 lns. dist.

do. 20 " " " S. 55° W. 44 " "

8000 Set a post, marked 8 notched, 4 ft long, 3 in sq. d. 1 ft in the ground, and build around a stone 2 ft high, as per instructions for cor. to Secs. 27, 28, 33 and 34, from which

A Cedar, 20 in. dia. br. N. 12° E. 15 lns. dist.

do. 15 " " " N. 30° W. 43 " "

A Pine, 10 " " " S. 50° W. 57 " "

A Cedar, 12 " " " S. 36° E. 57 " "

Land broken. Soil poor. Some Pine and Cedar and Heavy Pine timber.

Traverse Line in T₁. 21 N. R. 8 E.
W₁ & Salt River Meridian

No. In a shot distance E. of the cor. to
sec. 27. 28. 33 & 34. the line be-
comes impracticable and im-
possible. Therefore I ran three
North between sec. 27 & 28
var. $15^{\circ} 37'$ East

29.50 Pine lime tree 30 in. dia.

40.00 Set a post, marked 1/4 S. of flag,
flattened 3 in wide, 1 ft in the
ground, drive charred stake and
build mounds of earth 4 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 1/4
Sec. cor. from which

A Pine, 21 in. dia. to N. 10° E. 20 bro. dist.

do. 23 " " S. 30° N. 67 " "

45.34 Pine lime tree, 31 in. dia.

46.32 do. " 16 " "

48.27 do. " 15 " "

60.88 do. " 20 " "

Traverse Line in T. 21 N. R. 8 E
 1/4 Sec. 21 & Salt River Meridian

As Continued

Two Set posts, marked & notched
 4 ft long. 3 in sq. ft. in the
 ground, drive chanced stake and
 build mound of earth 4 ft high
 with pits 4 ft deep. 2 ft long. 4 ft
 wide, as per instructions for cor.
 to Secs. 21. 22. 27 and 28.
 From which

Alone, 30 in dia. br. N. 48° W. 62 marked

do. 24 " " " N. 38° E. 73 " "

do. 27 " " " S. 85 1/2° E. 194 " "

do. 18 " " " S. 52 1/2° W. 106 " "

Land broken. Soil poor. Grass.
 Heavy Pine timber.

From the cor. to Secs. 21. 22. 27 & 28, Run
 East. between sec. 22 & 27
 var. 15° 37' East

28. 73 Pine live tree 20 in. dia.

Traverse Line in T. 21 N. R. 8 E
 1/2 mi. S. of River Meridian

h. Continued

31.82 Pine limb tree, 23 in. dia.

31.89 do. " 23 " "

34.83 do. " 33 " "

40.00 Set a post marked 4 ft. high long
 flattened 3 in wide, 1 ft. in the
 ground, drive cleared stone and
 build mound of earth 2 ft high
 with pits 1 ft deep 2 ft long. 1 ft wide
 as per instructions for 4 sec. cor.
 from which

A Pine, 30 in dia. bearing N. 25° E. 38 in dia.

do. 20 " " " S. 34° E. 46 " "

80.00 Set a post marked and notched
 4 ft long, 3 in sq. 1 ft in the
 ground, and build mound of
 stone 2 ft high, as per instruc-
 tions for cor. to Secs 22, 23
 26 and 27.
 From which

Traverse Line in N. 21 N. R. 8 E

Plat^e Salt River Meridian

Continued

Ps. A Pine, 25 in. dia. br. N. 60° E. 29 lbs. dia.

do. 10 " " " N. 90° W. 60 " "

do. 13 " " " S. 21° E. 48 " "

do. 24 " " " S. 20° W. 73 " "

Land broken. Soil poor. Grass.

Heavy Pine timber. Some oak trees.

East. Between sec. 23 & 26.

var. 15° 34' East

32.30 Pine lime tree 24 in. dia.

4000 Set a post, marked 4 ft. 4 ft. long,
flattened 3 in. wide, 1 ft. in the
ground, drive charred stave and
build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for
4 sec. cor. from wheel

A Pine, 28 in. dia. br. N. 5° W. 47 lbs. dia.

do. 22 " " " S. 9° E. 70 " "

8000 Set a post, marked & notched

Traverse Line in Sp. 21 N. R. 8 E

No. 4 Salt River Meridian

Continued

No. 4 fl long 3 in sq d. 1 ft in the ground
 drive charred stave and build mound
 of earth 2 ft high with pits 1 ft deep 2
 ft long. 1 ft wide, as per instruc-
 tions for cor. to secs. 23. 24. 25
 and 26. from which

Alone, 29 in dia. br. $S. 65^{\circ} E$ 115 lbs. dist.

do. 30 " " " $S. 79^{\circ} W$. 120 " "

do. 25 " " " $N. 74^{\circ} 45' W$. 173 " "

do. 26 " " " $N. 27^{\circ} E$. 140 " "

Sand broken. Soil poor.

Heavy Pine timber. Some oaks.

Unless than half a mile E. of
 the cor. to secs. 23. 24. 25 and
 26, the line becomes imprac-
 ticable from cañons making to
 the S. and W., and the Pine timber
 disappears. I cannot run any
 further E.

Traverse Line in T_h. 21 N. R. 8 E

W_{1/2} Salt River Meridian

Ths. From the cor. to Secs. 23, 24, 25 & 26, Town

North between Secs. 2, 3 & 24.

Var. $15^{\circ} 34'$ East

2,61 Pine limb tree 24 in. dia.

4,000 Set a post, marked 14 S. 4 ft long, flat-
tined 3 in wide, 1 ft in the ground,
drive charred stake and build a
mound of earth 4 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 14 sec cor. from which
Alai, 23 in dia. on S. 41° N. 48 ft a dit
do. 30 " " " S. 20° E. 147 " "

8,000 Set a post, marked and notched,
4 ft long 3 in sqd 1 ft in the
ground, drive charred stake
and build mound of earth 4 ft.
high with pits 1 ft. deep, 2 ft long
1 ft wide, as per instructions
for cor. to Secs. 13, 14, 23
and 24, from which

Traverse Line in T. 21 N. R. 8 E

W & Salt River Meridian

Continued

- Chs A Pine, 18 in dia. br. S. 61° W. 97 lbs dist.
 - do. 29 " " " N. 2° W. 102 " "
 - do. 8 " " " N. 49° E. 127 " "
 - do. 24 " " " S. 9° E. 170 " "
- Sandstone Soil poor. Grass.
- Heavy Pine timber.

North between secs. 13 & 14

var. 15° 34' East

4000 Set a post, marked 44 S. 4 ft long, flattened 3 in wide, 1 ft. in the ground and build mound of stones 2 ft high as per instructions for 14 sec cor. from which

- A Pine, 10 in dia. br. N. 20° E. 39 lbs dist.
- do. 24 " " " S. 42° W. 58 " "

8000 Set a post, marked and notched 4 ft long, 3 in sq. d. 1 ft. in the ground and charred stone and build mound of earth 2 ft.

Transverse Line in Sp. 21 N. R. 8 E

W. & Salt River Meridian

Continued

300 ft. high, with pits of depth 2 ft. long, 4 ft. wide, as per instructions for cor. to Secs. 11, 12, 13 and 14 from which a Pine, 12 in. dia. br. N. 50° E. 53 lvs. dist.
 do. 5 " " " N. 20° W. 100 " "
 do. 28 " " " S. 65° E. 184 " "
 do. 8 " " " S. 80° W. 230 " "

Land broken. Soil poor. Grass.
 Heavy Pine timber. Some oak trees
 and brush.

East. between secs. 12 & 13

var. 15° 35' East

As per Bu. Solar Compass

12.00 ^{Heavy} Leave Pine timber, to N. & S. and enter
 thick growth of Cedar & Pinon with
 scattering Pine trees.

4000 Set a post, named 74 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, and build around of

Traverse Line in Twp. 21 N. R. 8 E
 Twp. & Salt River Meridian

Continued
 No. stones of the high, as per instructions
 for 1/4 sec. corner from which
 a Cedar, 10 in. dia. br. S 28° E 68 lbs. dia.
 do. 12 " " " N. 49° W. 21 " "

80.00 The E. boundary of the Township
 Set apart marked & notched, 4 ft.
 long. 3 in. sq. d. 1 ft. in the ground,
 and build mound of stones of the
 high, as per instructions for corner
 Secs. 7, 12, 13 and 18.

From which

A Paion, 3 in. dia. br. N. 61° E, 102 lbs. dia.

A Cedar, 10 " " " S 72° W. 138 " "

A Paion, 6 " " " N. 86° W. 104 " "

No other tree near.

Land broken Enough. Soil poor.
 Scattering Paion, Cedar & Paion.

Between Tps. 21 N. Rgs. 8 & 9 E

1/4 Sec. Salt River Meridian

From the Cor. to Sec. 7. 12. 13 & 18, as first
established, I run

North between Secs. 7 & 12,

var. 15° 35' East

As per Bent Solar Compass

29.91 Pine line tree 13 in. dia.

45.00 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, and build mound of
stone 2 ft high, as per instructions
for 1/4 sec. cor. from which

A Cedar, 10 in. dia. br. West 42° 30' East

do. 12 " " " S. 85° E. 21 " "

45.44 Road from San Francisco Mountains to
the Little Colorado br. E. & W.

8.000 Set a post, marked and notched,
4 ft long, 3 in. sq. id. 1 ft in the ground
drive charred stake and build
mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide,

Between Tps. 21 N, Rgs. 8 & 9 E,
Tla & Salt River Meridian

Continued

No. as per instructions for cor. to sec. 1. 6.

7 and 12, from which

A Cedar, 10 in. dia. to S. 74° E, 190 lvs. dist.

do. 13 " " N. 70° E, 27 ft. "

No other trees near.

Land rolling. Soil poor. Grass.

Considerable Cedar & Pinon timber.

Scattering Pines & oaks.

North between sec. 1 & 6

var. 15° $35'$ East

4000 Set apart, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in. wide, 1 ft. in the
ground, drive charred stakes
and build mound of earth 4 ft.

high, with pits 1 ft. deep, 2 ft long.

1 ft wide, as per instructions for

$\frac{1}{4}$ sec. cor. from which

A Cedar, 18 in. dia. to S. 59° E, 76 lvs. dist

A Pinon, 10 " " West, 181 " "

Between Tps. 21 N. Rgs. 8 & 9 E

Gila & Salt River Meridian

Tps. Continued -

8000 Set a post, marked and notched,
4 1/2 ft. long. 4 in. sq. d. from
the ground. Drive charred stake
and build mound of earth 3/4
ft. high, with pile 1 ft. deep, 2 1/2
ft. long, 1 ft. wide, as per instruc-
tions for cor. to Tps. 21 E
22 N. Rgs. 8 and 9 E.
No trees near.

Land rolling.

Soil poor. Grass.

Scattering Cedar, Pine and
Pine trees. Oak brush.

September 15, 1879.

Between Tps. 21 & 22 N. Range 8 E
Tla & Salt River Meridian

Pro. From the cor. to Tps. 21 & 22 N. Rgs. 8 & 9
E. Drive
W. E. of on true line between 1 & 36
var. $15^{\circ} 33'$ East

As per Bents Salas Compass
3800 Enter line of Pine timber cor. N. W. S.
4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 1/4 sec. cor.
From which

A Pine, 34 in. dia. cor. N. 20° W. 100 lbs dist.
do. 12 " " " South, 31 " "

8000 Set a post, marked Enatched
4 ft long, 3 in. sq. d. 1 ft in the
ground, drive charred stake
and build mound of earth
2 ft high, with pits 1 ft deep, 2

Between Tps. 21 & 22 N. Range 8 E
 Gla & Salt River Meridian

Continued

No. 1 along, 1/2 mile, as per instructions
 for cor. to sec. 1. 2 35 E 36. from which
 a Pni. 25 in. dia. 60. N. 52° E. 39 lvs. dist
 No. 74 " " S. 57 1/2° W. 100 " "
 do. 27 " " N. 70 1/2° W. 161 " "
 do. 32 " " S. 10° E. 288 " "
 Land rolling. Soil poor. Grass.
 Some Heavy Pni timber.

Structure like sec. 2 & 35.
 var. 15° 33' East

3000 Ascend hill 60. N. 25.

4000 Set a post, marked 148. 1/2 long,
 flattened 3 in. wide. 1/2 in. in the ground,
 drive charred staves & build mound
 of earth 2 ft high, with pits of 1/2 inch
 2 ft long, 1/2 wide, as per instructions for
 1/2 sec. cor. from which
 a Pni. 10 in. dia. 60. N. 20° W. 80 lvs. dist
 do. 12 " " S. 31° E. 20 " "

Between Tps. 21 & 22 N. Range 8 E
Gila & Salt River Meridians

Trs. Continued

49.50 Top of ascent & summit N. side

59.00 Foot of descent and more or
rolling ground

8000 Set a post, marked & notched
4 ft long, 3 in. sq. d. 1 ft in the
ground, drive charred stake &
build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for
cor. to Secs. 2, 3, 34 & 35,
from which

A. Pine, 32 in dia. br. S. 84° E, 52 lbs. dia.

do 29 " " " S. 78½° W. 83 " "

A. Oak, 9 " " " N. 30° W. 18 " "

A. Pine, 30 " " " N. 38° E. 151 " "

Sand, Sully & Rolling, Soil poor.

Grass. Scattered Pine, Oak,

Cedar & Piñon timber, Oak brush.

Between Tps. 21 & 22 N. Range 8 E
 Gila & Salt River Meridian

To West on line between 3rd & 4th
 var. 15° 33' East

4000 Set a post, marked 4th & 4th long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake
 and build mound of earth
 2 ft high, with pits 1 ft deep, 2
 ft long, 1 ft wide, as per in-
 structions for 7th sec. cor.,
 from which

A. P. in. 30 mi. dir. br. N. 55° E. 106 lbs. dist

do 29 " " " S. 35° W. 66 " "

6000 Enter N. edge of long opening br. S.

7000 Leave opening, enter heavy timber again N. 55°

8000 Set a post, marked and notched
 4th & 4th long, 3 in sq. d., 1 ft in the
 ground, drive charred stake
 and build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions

Between Tps. 21 & 22 N. R. 8 E.

W. & Salt River Meridian

Continued
See fore cor. to sec. 3, 4, 33 & 34
from which

- Abies, 28 in. dia. by N. 11 1/2° E. 10 feet dist.
- do. 24 " " " S. 57° N. 32 " "
- do. 30 " " " S. 19° E. 61 " "
- do. 10 " " " N. 70° W. 75 " "

Land gently rolling & level. Some
good soil grass. Mostly heavy
Pine timber.

W. & Salt River Meridian 4 & 33
var. 15° 33' East

38.31 Pine tree 30 in. dia.
4000 Set a post, marked 4 S. 4 ft long,
flattened 3 in. wide, 1 ft in. the
ground, drive charred stake
and build mound of earth 1 ft
high with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 4 sec. cor. from which

Between Tps. 21 & 22 N. R. 8 E

W. & Salt River Meridian

Continued —

No. A. Pine, 21 in. dia. br. N. 73° E. 18 hrs. dist.
do. 23 " " " S. 25° E. 32 " "

64.83 Pine limb tree 24 in. dia.

8000 Set a post, marked and notched,
4 ft long. 3 in. sq. d. 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to
secs. 4, 5, 32 & 33.

from which

A. Pine, 35 in. dia. br. N. 33 1/2° W. 82 hrs. dist.
do. 13 " " " S. 30° W. 114 " "
do. 10 " " " S. 15° E. 135 " "
do. 28 " " " N. 53 1/2° E. 178 " "

Land slightly rolling.

Some good soil.

Grass. Heavy Pine timber.

Peterson Trs. 21st 1892 N. R. S. E.

Fla & Salt River Meridian

For West true line between 5th 3rd
var. 15° 33' East

18.62 Pine lime tree 25 in. dia.

8000 Set a post, marked 74 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 74
see cor. from which

Ala. 10 in. dia. on South 5 line dit

do. 12 " " " N. 20° E. 44 " "

73.55 Pine lime tree 20 in. dia.

8000 Set a post, marked & notched,
4 ft long, 3 in. sq. d., 1 ft in the
ground, drive charred stake
and build mound of earth
2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per
instructions for cor. to see.

Between Jan 21 & 22 N. R. S. E

W. & Salt River Meridian

Continued

As 5.6-31 and 32. from which
 a Pine 15 in dia. br. N. 6° W. 20 in dia. dist
 a Pine 30 " " " S. 10° W. 145 " "
 do. 24 " " " S. 49° E. 162 " "
 do. 29 " " " N. 75° E. 182 " "

Land level and gently rolling,
 some good soil. Grass
 Heavy Pine timber.

September 16, 1879.

In less than half a mile N. of
 contours 5.6-31 & 32, the
 line rises abruptly on the im-
 passable side of the S. E. end of
 the San Francisco mountains.
 I cannot extend this line
 any further N.

Remarks.

The foregoing are the Field Notes of the survey of Exterior Lines of Townships surveyed by me under my contract of April 28, 1849.

The first division includes the Exterior of agricultural Townships along Silver Creek, - a main tributary of the Little Colorado river, - and along the Little Colorado itself, and they cover all the land needed by present or immediately prospective settlement on the Little Colorado river.

The final requirement of my contract was to survey timber land adjacent to the Little Colorado river and exposed to depredation. There is no

Remarks Continued

Timber land immediately adjacent to the Little Colorado river. The nearest adjacent, and that from which the Little Colorado settlers draw their supplies of lumber, is a tract about 5 miles West of the river extending from the vicinity of Pine Springs Station on the Hinkley & Prescott Overland road northwesterly to the S. E. end of the San Francisco mountains. This timber is accessible from two good roads, - the old overland road on the N. and a new road made by the settlers themselves and running from the town of Brigham on the Little Colorado (one of the principal settlements) and their Saw Mill

Continued

in the S. end of the timber tract.
Both of these roads enter the
town of Brigham and enclose
the timber tract on the N. and
S. ends respectively.

The timber is composed mainly
of a heavy growth of Pine
timber of commercial value.
It is the first adjacent
timber to the Little Colorado
settlements and is being depred-
ated upon and therefore
I extend lines of survey
over it in compliance with
my contract.

W. L. Harris
U.S. Deputy Surveyor

List of Names.

A List of the Names of Individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey of Estero Line of Tps.

19 & 20 N. Range 16 E., that portion of the 5th Standard N. from the cor to Tps. 21 N. Rgs. 16 & 17 E., to the closing cor. to Tps. 20 N. Rgs. 15 & 16 E., and Estero lines of Tps. 17 N. Rgs. 9 & 10 E., and 18, 19, 20 & 21 N. Range 8 E., of the Gila & Salt River Meridian Arizona.
Showing the respective capacities in which they acted.

Richard Shrope Chainman.

Geo. McNeal Chainman,

B. Palmer } Axeman.
J. C. Lindsey }

Evaresto Sainz Flagman.

Final Oath of Assistants.

We hereby certify that we assisted Johuko
Harris U. S. Deputy Surveyor, in
 surveying Exterior Lines of Township
19 & 20 N. Range 16 E. That portion
of the 5th Standard N., from the cor. to the
21 N. Rgs. 16 & 17 E. to the closing cor. to the
20 N. Rgs. 15 & 16 E. & Exterior lines of Tps.
17 N. Rgs. 9 & 10 E. & 19 20 & 21 N. Range 8 E.
of the 5th and Salt River Meridian,
 and that said Survey has been in all respects, to
 the best of our knowledge and belief, well and
 faithfully executed, and the boundary monuments
 planted according to the instructions furnished by
 the Surveyor-General.

Richard Shepp Chainman.

Geo McNeal Chainman.

B. Palmer Axeman.

J. W. Darr Axeman
 Flagman.

Evaristo Darr
 Sworn to and subscribed before me, this 10th

day of September, 1879

Jno. L. Harris
 U. S. Dep. Surveyor.

Final Oath of Deputy Surveyor.

BOOK 1815

Andreas Harris

I, *Andreas Harris*, Deputy Surveyor, do solemnly swear that pursuant of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the *28th* day of *April*

I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of -----
interior lines of Tps. 19 & 20 N. Range 16 E., that portion of the 5th Standard N., from the cor. to Tps. 21 N. Rqs. 16 & 17 E., to the closing cor. to Tps. 20 N. Rqs. 15 & 16 E., & Exterior lines of Tps. 17 N. Rqs. 9 & 10 E., & 19, 20 & 21 N. Range 8 E., & the Gila & Salt River Meridians as are represented in the foregoing Field Notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

tained in circular instructions from the
Surveyor-General for Arizona, dated Septe
1, 1873, regarding the establishment of co
boundaries of public surveys, and that the
going are the true and original Field Note
such surveys.

Joseph Harris

Deputy Survey

Sworn to and subscribed before me, this 2
day of September, 1879.

John R. Faull

Notary Public

U. S. Surveyor General's Office,
Tucson, Arizona, November 8, 1879

The foregoing Field Notes of the survey of the
 Exterior boundaries 2nd P. 12nd & 13th N. R. 21 E., 16 N.
 R. 22 E., 17 N. R. 20, 21, 22 E., 18 N. R. 17, 18th & 19 E.
 19 and 20 N. R. 16 E., that portion of 5th Standard N.
 from con to 2nd P. 21 N. R. 16th & 17 E. to closing cor. to
 2nd P. 20 N. R. 15 and 16 E., and Exterior lines
 of 2nd P. 17 N. R. 9 and 10 E., and 18, 19, 20 and 21
 N. R. 8 East.

of the Gila and Salt River Base and Meridian, Arizona,
 executed by John L. Hearnis,
 D. S., under his contract of the C 28th day of
April, 1879, having been critically ex-
 amined and the necessary corrections and explanations
 made, the said Field Notes and the surveys they de-
 scribe, are hereby approved.

John Basson

Surveyor General.