

W. L. Harris Deputy Surveyor.

T. *21 North* R. *8 East*

1/4 Sec Salt River Meridian.

No-383

FIELD NOTES

OF BOOK 383

THE SUBDIVISION LINES OF

Township *21 North* Range *8 East*

1/4 Sec Salt River Meridian.

BY

W. L. Harris Deputy Surveyor.

under his Contract of *April 28* 18*79*

Survey Commenced *September 16* 18*79*

Survey Completed *September 19* 18*79*

No-383

Platted:

Copied for Washington, *J.P.T.*

Copied for Register, *a. b.*

Oct 11, 79

383

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1	2 $\frac{1}{3}$	21	49	41	95 $\frac{2}{3}$
2	4 $\frac{2}{3}$	22	51 $\frac{1}{3}$	42	98
3	7	23	53 $\frac{2}{3}$	43	100 $\frac{1}{3}$
4	9 $\frac{1}{3}$	24	56	44	102 $\frac{2}{3}$
5	11 $\frac{2}{3}$	25	58 $\frac{1}{3}$	45	105
6	14	26	60 $\frac{2}{3}$	46	107 $\frac{1}{3}$
7	16 $\frac{1}{3}$	27	63	47	109 $\frac{2}{3}$
8	18 $\frac{2}{3}$	28	65 $\frac{1}{3}$	48	112
9	21	29	67 $\frac{2}{3}$	49	114 $\frac{1}{3}$
10	23 $\frac{1}{3}$	30	70	50	116 $\frac{2}{3}$
11	25 $\frac{2}{3}$	31	72 $\frac{1}{3}$	51	119
12	28	32	74 $\frac{2}{3}$	52	121 $\frac{1}{3}$
13	30 $\frac{1}{3}$	33	77	53	123 $\frac{2}{3}$
14	32 $\frac{2}{3}$	34	79 $\frac{1}{3}$	54	126
15	35	35	81 $\frac{2}{3}$	55	128 $\frac{1}{3}$
16	37 $\frac{1}{3}$	36	84	56	130 $\frac{2}{3}$
17	39 $\frac{2}{3}$	37	86 $\frac{1}{3}$	57	133
18	42	38	88 $\frac{2}{3}$	58	135 $\frac{1}{3}$
19	44 $\frac{1}{3}$	39	91	59	137 $\frac{2}{3}$
20	46 $\frac{2}{3}$	40	93 $\frac{1}{3}$	60	140

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain. horizontal measurement.

Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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BOOK 383

Township 21 N. R. 8 E.

Gila and Salt River Meridian.

6	49	5	32	4	21	3	13	2	4	1
48		47		31		20		12		3
7	45	8	30	9	18	10	10	11	2	12
44		43		29		17		9		
18	42	17	27	16	16	15	8	14		13
40		39		26		15		7		
19	38	20	25	21	14	22	6	23		24
36		35		24						
30	34	29	22	28		27	5	26		25
31		32		33		34		35		36

1 B

BOOK 383

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 31st
day of May, 1879

John D. Faull,
Notary Public.

We,

B. Palm, J. C. Lindsey
 and *Evaristo Saiz*

do solemnly swear that we will well and truly perform the duties of *Witness and*
Flagman 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. Danell
 Notary Public.

Township 21 N. Range 8 East
 1/4 Salt River Meridian

No. By reference to the field notes of the
 exterior of this Township it will
 be seen that the boundary and
 subdivision lines of a con-
 siderable portion of this town-
 ship fall on impracticable
 ground and cannot be run.

In those same notes is a traverse
 line run across the interior
 of the Township, to be used as
 a base in its subdivision, and
 reference is here made to said
 Exterior notes for a description
 of lines between secs. 30 & 31,
 29 & 32, 28 & 33, 27 & 28, 22 & 27,
 20 & 26, 23 & 24, 13 & 14, & 12 & 13.

Using, then, this Traverse
 line as a base, I run subdivision
 lines of Township 21 N. R. 8 E,
 as follows:

Township 21 N. Range 8 East
 7th & Salt River Meridian

- No. From the corners 11, 12, 13 & 14, from
 North between Secs. 11 & 12,
 run. 15° 35' East
 As Per Burt's Solar Compass.
- 16.72 Road to the Little Colorado river E. & W.
- 18.00 Ascend bluff to higher ground 60. S of 10
- 40.00 Set a post marked 4 ft. 4 ft. long, flattened 3
 in wide, 1 ft in the ground, drive charred stakes
 & build mound of earth 4 ft high, with pits of 4 ft.
 2 ft long. 1 ft wide, as per instructions for 14 sec. cor.
 from which
 a Pine 10 in. dia. br. S. 60° W. 20 lbs. dist
 do. 18 " " " N. 21° E. 35 " "
- 80.00 Set a post marked & notched, 4 ft long, 3 in.
 sq. 1 ft in the ground, drive charred stakes &
 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. 1, 2, 11 & 12. from which
 a Pine 20 in. dia. br. S. 33° W. 57 lbs. dist
 do. 16 " " " S. 29° E. 96 " "
 do. 18 " " " N. 38° W. 64 " "
 do. 18 " " " N. 27° E. 78 " "
- Land rolling broken. Soil poor.
 Trees. Heavy Pine timber.

Township 21 N. Range 8 East
 Pala & Salt River Meridian

- No. East. or random line bet sec. 1 & 12.
 var. $15^{\circ}35'$ East
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 60.00 Descend bluff to lower ground N. & S. of
 79.86 Intersect E. boundary 15 lbs. S. of
 cor. to sec. 1 & 12. from which cor. run
 $S. 89^{\circ}54' N.$ on true line bet sec. 1 & 12.
 var. $15^{\circ}35'$ East
 39.93 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
 flattened 3 in wide, 4 ft in the ground
 drive charred stone & build mound
 of earth 4 ft high, with pits 1 ft deep, 2 ft
 long. flange, as per instructions for
 $\frac{1}{4}$ sec. cor. from which
 a line 18 in. dia. br. S. $24^{\circ} N.$ 200 lbs. dist.
 No other tree near.
 79.86 Cor. to sec. 1, 2, 11 and 12,
 Sand brown. Soil poor. Grasses.
 Some scattering Pine and Cedar.
 September 16. 1879.

Township 21 N. Range 8 East
Tla. & Salt River Meridian

To North or random line bet secs 1 & 2

var. $15^{\circ}35'$ East

4000 Set temporary $\frac{1}{4}$ sec. cor.

79.85 Intersect N. boundary 14 hrs. N. of cor.
to Secs. 1 & 2 from which cor. Draw
 $S. 0^{\circ}6'$ N.

Put. a line bet secs. 1 & 2.

var. $15^{\circ}35'$ East

27.71 Pine limb tree 25 in. dia.

39.85 Set a post, marked H.S. of flong, flat-
tend 3 in wide, 1 ft in the ground,
drill a round stake & build a corner 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. from which
a Pine, 24 in. dia. br. N. 60° W. 61 hrs. dist.

do. 25 " " " East, 89 " "

74.85 Cor to Secs 1, 2, 11 and 12.

Land rolling, hilly to W. of line
Scattering Cedar & Pinon. Heavy Pine timber.
Soil mostly poor. Oak Bush.

Township 21 N. Range 5 East
 1/4 Sec 26 & 27 Meridian

From the cor. to Secs. 22, 23, 26 & 27. Run
 S. South, on true line bet sec. 26 & 27,
 var. 15° 35' East

26.87 Pine line tree 26 in. dia.

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

A Pine, 27 in. dia. br. N. 50° W. 40 hrs. dist.

do. 10 " " " S. 35° E. 59 " "

(In a short distance further S. this
 line intersects a great cañon with pre-
 cipitous rock sides and wholly un-
 passable. I am on high ground and
 for a great distance to the S. & S.E. the
 ground is broken & rendered impar-
 sable by a succession of grand
 cañons making Westerly.)

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

Township 21 N., Range 5 East.
 W. & Salt River Meridian

No. From the Conto secs. 22, 23, 26 & 27, June
 North between secs. 22 & 23.

var. $15^{\circ} 35'$ East

4000 Set a post, marked 4 ft. off long, flat
 land 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, 12 inches br., S. 8° W. 15 hrs. dist.

do. 11 " " " N. 13° E. 22 " "

5000 Set a post, marked & notched, off long
 3 in sq. d. 1 ft in the ground, low charred
 stone & build mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
 structions for Conto secs. 14, 15, 22 & 23, from which
 a Pine, 10 inches br., S. 6° W. 20 hrs. dist.

do. 18 " " " N. 20° W. 75 " "

do. 13 " " " N. 17° E. 91 " "

do. 11 " " " S. 75° E. 172 " "

Land raising. Some good seed Grass.
 Heavy Pine timber.

Township 21 N. Range 8 East
 Plat⁴ Salt River Meridian

As. East corner line bet. sec. 14 & 23,
 var. 15° 35' East

40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.10 Intersect N. S. line 9 lvs. N. of cor.
 to sec. 13, 14, 23 & 24, from which cor. drawn
 N. 89° 05' W.

Ante line bet. sec. 14 & 23,
 var. 15° 35' East

40.05 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground
 drove a sharp stake & build mound
 of earth of the height, with pit 1 ft. deep,
 2 ft. long, 1 ft. wide, as per instructions
 for $\frac{1}{4}$ sec. cor. from which

a Pine, 23 in. dia. br. S. 10° W. 173 lvs. dist.
 do. 24 " " " N. 85° W. 169 " "

80.10 Cor. to sec. 14, 15, 22 & 23,

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

Township 21 N. Range 8 E.
 T14 E Salt River Meridian

- hs. North between secs. 14 & 15
 var. 15° 35' East.
- 13.42 Pine limb tree, 28 in. dia.
- 34.26 do. 29 " "
- 40.00 Set a post, marked 4 ft. 4 in. long, flattened Pine
 wide, 1 ft. in the ground, drive charred stake &
 build mound of earth of height with pits 1 ft. 6 in.
 deep, 2 ft. long, 1 ft. wide, as per instructions for
 spec. cor. from which
 a Pine, 27 in. dia. on S. 80° W. 68 hrs. dist.
 do. 30 " " " N. 21° E. 74 " "
- 63.47 Pine limb tree, 12 in. dia.
- 80.00 Set a post, marked and scratched,
 4 ft. long, 3 in. sq. depth in the
 ground, and drive charred
 stake and build mound of
 earth of height with pits of depth
 2 ft. long, 1 ft. wide, as per in-
 structions for cor. to secs. 10,
 10, 14 and 15.
 From which

Township 21 N. Range 8 E.
 1/2 Sec. Salt River Meridian

- As. a Pine, 30 in. dia. br. S. 66° E. 22 lbs. dist.
 do. 18 " " " N. 10° E. 66 " "
 do. 12 " " " N. 8° W. 47 " "
 do. 19 " " " S. 87° W. 25 " "
 Sand rolling. Some good soil.
 Grass. Heavy Pine timber.

East corner line bet sec. 11 & 14.
 var. 15° 35' East

40.00 Set temporary 1/4 sec. cor.

80.14 Intersect N. & S. line 14 sec. N. of
 cor. to Secs. 11, 12, 13 and 14. from
 which cor. run
 N. 89° 54' W.

On true line bet sec. 11 & 14.
 var. 15° 35' East

40.07 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

Township 21 N. Range 8 E
 T14 & Salt River Meridian

Ths. 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for 4 sec. cor. from which
 X W. line, 28 in dia. br. N. 60° E. 21 has. dist.
 do. 21 " " " S. 11° E. 44 " "
 46.82 Pine limb tree, 30 in dia.
 75.27 " do. 27 " "
 80.14 Corteseca, 10, 11, 14 and 15.
 Land rolling. Some grass or C.
 Grass. Heavy Pine timber

North between sec. 10 & 11.
 var. 15° 35' East.

21.40 Road to the Little Colorado, br. 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 a
 mound a fourth of high, with
 pits 1 ft deep, 2 ft long, 1 ft wide
 as per instructions for 4 sec. cor.

Township 21 N. Range 8 E.
Tila & Salt River Meridian

As. from which

A Pine, 28 in. dia. br. S. 31° E. 39 lbs. dist.

do. 28 " " " West, 111 " "

50.00 Pine line tree 31. in. dia.

80.00 Set a post, marked & notched, 4
ft long. 3 in. sq. 1 ft in the ground
drive charred stake and build a
round of earth of the height with pile
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to Sec. 2, 3, 10
and 11, from which

A Pine, 36 in. dia. br. S. 25° E. 96 lbs. dist.

do. 8 " " " N. 40° E. 163 " "

do. 22 " " " N. 26° W. 98 " "

do. 25 " " " S. 75 1/2° W. 272 " "

Land rolling then hilly.

Some good soil. Grass.

Scattering Oak trees.

Heavy Pine timber.

Township 21 N. Range 8 E
 1/4th Salt River Meridian

- No. 4000 Random line between 2 & 11
 var. 15° 35' East
 4000 Set temporary 1/4 sec. cor.
 80.12 Intersect N. & S. line 17 hrs. S of
 cor. to secs. 1, 2, 11 and 12. from
 which cor. drawn
 S 89° 53' W.
 Return line between 2 & 11.
 var. 15° 35' East
 0.33 Pine timber 24 in. dia.
 40.06 Set a post, marked 1/4 S. 4 ft long,
 flattened to one side, 1 ft in the ground, above
 charred stone & build a 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. from which
 a Pine, 28 in. dia. br. N. 39° E. 65' lead dist
 do. 29 " " " S. 22° E. 106 " "
 80.12 Cor. to secs. 2, 3, 10 and 11.
 Land rolling & hilly. Soil poor.
 Grass. Heavy Pine timber.

Township 21 N. Range 8 East
 1/4 Sec 2 & 3 River Meridian

- Sec. North or random line bet sec. 2 & 3.
 var. $15^{\circ} 35'$ East
- 4000 Set temporary 1/4 sec. cor.
- 79.90 Intersect N. boundary 7/16 sec. N. of cor.
 to sec. 2 & 3. from which cor. Iron
 $S. 0^{\circ} 3' W.$ on true line bet sec. 2 & 3.
 var. $15^{\circ} 35'$ East.
- 13.83 Pine line tree 20 in. dia.
- 39.90 Set spot marked 1/4 S. off along flattened Pine
 cord, 1/2 in. the ground, drive chisel stone & bit
 mound of earth 2 ft high, with pit 2 ft deep, 2 ft
 long. 1/2 wide, as per instruction for 1/4 sec. cor. from which
 a Pine, 25 in. dia. br. N. $75^{\circ} E.$ 29 paces dist.
 do. 10 " " " S. $60^{\circ} W.$ 26 " "
- 54.16 Pine line tree, 18 in. dia.
- 55.32 do. 24 " "
- 74.84 do. 30 " "
- 79.90 Cor to sec. 2, 3, 10 and 11.
 Sand rolling hills. Some good soil Grass.
 Heavy Pine timber.

Township 21 N. Range 8 E

W⁴ Salt River Meridian

From the Corto Secs. 21, 22, 27 & 28, Secs
No North. between Secs. 21 & 22.

var. $15^{\circ}35'$ East

4000 Set a post, marked $1/4$ S. $4/8$ long, flat-
tened 3 in wide, $1/2$ ft in the ground, drive
chared stake and build mound of
earth of height with pits $1/2$ ft deep, $2/8$ long,
 $1/8$ wide, as per instructions for these cor. from which

A Pine 13 in dia. br. N. $8^{\circ}W$. 85 bro. dist

do. 10 " " " N. $85^{\circ}E$. 58 " "

8000 Set a post, marked & scotched, $4/8$ long,
3 in sq. d. $1/2$ ft in the ground, drive chared
stake & build mound of earth of height,
with pits $1/2$ ft deep, $2/8$ long, $1/8$ wide, as per
instructions for cor. to Secs. 15, 16, 21 & 22.

from which

A Pine 24 in dia. br. N. $58^{\circ}W$. 78 bro. dist.

do. 25 " " " N. $44^{\circ}E$. 59 " "

do. 30 " " " S. $66^{\circ}E$. 79 " "

do. 36 " " " S. $78^{\circ}W$. 155 " "

Land rolling level. Some good soil, Grass,
Heavy Pine timber.

Township 21 N. Range 8 E.
 T₁₄ & Salt River Meridian

- 79.90 East random line bet secs. 15 & 22.
 var. 15° 35' East
 40.00 Set temporary 1/4 sec. cor.
 79.91 Intersect N. & S line 12 hrs. N. of cor.
 to secs. 14, 15, 22 & 23. from which
 cor. from
 N. 89° 55' W.
 Put true line bet secs. 15 & 22.
 var. 15° 35' East N.
 79.95 Set apart marked 1/4 S. of long. flattened
 3 in wide 1 ft in the ground, drove chain & stake
 & build mound of earth 4 ft high, with pits
 4 ft deep, 2 ft long, 1 ft wide, as per instructions
 for 1/4 sec. cor. from which
 a Pine, 25 in. dia. br. South 69 hrs. dist.
 do. 24 " " " N. 30° W. 70 " "
 79.96 Cor. to Secs. 15, 16, 21 & 22.
 Land mostly level Soil Good.
 Grass. Heavy Pine timber.

Township 21 N. Range 8 E
 7th & Salt River Meridian

Line North between secs. 15^E & 16.
 var. 15° 35' 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 pits 1 ft.
 deep, 2 ft long, 1 ft wide, as per
 instructions for 14 sec. cor from which
 a Pine. 10 in. diam. N. 67° W. 26 hrs. dist
 do 36 " " " S. 45° E. 61 " "

8000 Set a post, marked and watched
 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.
 9, 10, 15 and 16.
 From which

Township 21 N. R. 8 E.
 1/4 Salt River Meridian

- No. a Pine 22 in. dia. br. S. $56\frac{1}{2}^{\circ}$ E. 118 lbs. dist.
 do. 19 " " " S. 18° W. 97 " "
 do. 27 " " " N. 25° E. 148 " "
 do. 20 " " " N. $74\frac{1}{2}^{\circ}$ W. 221 " "

Land rolling slightly. Some good seed
 Grass. Heavy Pine timber
 September 17. 1879.

East or random line bet sec. 10 & 15.
 var. $15^{\circ}35'$ East.

4000 Set temporary 1/4 sec. cor.

79.59 Intersect N. & S. line 10 lbs. N. of
 cor. to sec. 10, 11, 14 and 15,
 from which cor. drawn.
 N. $89^{\circ}36'$ W.

Put true line between sec. 10 & 15.
 var. $15^{\circ}35'$ East.

13.82 Pine tree 29 in. dia.

39.94 Set a post, marked 1/4 S. 4 ft.
 long, flattened 3 in wide. 1 ft. in
 the ground. drive charred stake

Township 21 N. Range 8 E
 6th Salt River Meridian

78. and build mound of earth 4 ft
 high, with pit 4 ft deep, 2 ft long,
 1 ft wide, as per instructions for
 14 sec. cor. from which
 1st Pair, 31 in. dia. brs. S. 40° W. 45' 1/2 dist
 do. 28 " " " 4.30° E. 126 " "

79.89 Cor. to Secs. 9, 10, 15 & 16.

Land somewhat rolling, Soil
 Good. Grass. Heavy Pine timber.

North between Secs. 9 & 10,
 run 15° 35' East.

26.87 Road to the Little Colorado bro. S. of E.

32.65 Pine lucitee, 18 in. dia.

39.47 do. 24 " "

40.00 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 4 ft

Township 21 N. R. 8 E

W. & Salt River Meridian

Pro. high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for 74
sec. cor. from which

A Pine, 38 in dia br, N. 85° W. 101 lbs. dist.

do. 26 " " " N. 75° E. 91 " "

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

long. 3 in sq. ft. from the ground, above
charred stake & mud mound of

earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for cor. to sec. 3, 4, 9 & 10 from which

A Pine, 30 in dia br, S. 8° E. 93 lbs. dist

do. 29 " " " N. 69½° E. 257 " "

do. 10 " " " N. 20° W. 10 " "

do. 26 " " " S. 7½° W. 30 " "

Sand rolling.

Some good soil. Grass.

Scattering Oak trees.

Heavy Pine timber

Township 21 N. Range 8 E.
 1/4 Salt River Meridian

hs. *Astronaudoulic* bet. sec. 3 & 10.
 var. 15° 35' East

5.00 Leave timber, enter long open park br. N. & S.
 28.00 Leave Park enter heavy timber br. N. & S and
 rise on rolling & hilly ground.

40.00 Set temporary 1/4 sec. cor.

80.14 Intersect N. & S line 25 lbs. N. of cor.
 to sec. 2, 3, 10 and 11, from which
 cor. drawn

N. 89° 49' W.

Be true line bet. sec. 3 & 10.

var. 15° 35' East

40.07 Set a post, marked 1/4 S. 4 ft long,
 flattened 7 in wide. 1 ft in the ground
 above charred stone and build
 mound of earth of height with
 pit 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 1/4 sec.
 cor. from which
 a Pine 27 in. dia. br. S 7° W. 54 lbs. set

Township 21 N. Range 5 E.
 Tla & Salt River Merced Co.

No. A Pine 28 in dia. br. N. 24° E. 114 links
 80.14 Cor to Secs. 3, 4, 9 and 10.
 Land hilly & rolling E. Level
 and good soil W. Grass.
 Heavy Pine timber except in park.

North. or random line bet sec. 3 & 4.
 var. 15° 35' East
 4000 Set temporary 1/4 sec. cor.
 79.81 Intersect N. boundary 19 links N.
 after to Secs. 3 & 4. from which
 Cor. Run
 S. 0° 8' W.
 Or true line between sec. 3 & 4.
 var. 15° 35' East
 39.81 Set a post, marked 1/4 S. 4 ft high,
 flattened 3 in wide, 1 ft in the
 ground. Drive charred stake
 and build mound of earth

Township 21 N. R. 8 E.
 1/4 Salt River Meridian

No. 2 ft high, with pits 1 ft deep, 2
 ft long. 1 ft wide as per in-
 structions for 1/4 sec. cor. provided
 A Pine. 33 in. dia. br. N. 73° W. 52 grad. dist.

do. 12 " " " S 40° W 66 " "

79.81 Cor. to Secs. 3, 4, 9 & 10.

Land level. Soil Good.
 Grass. Heavy Pine timber.
 Long Park running N. through Sec. 3.

From the cor. to Secs. 28, 29, 32 & 33. Down
 North between Secs. 28 & 29
 var. 15° 35' East.

16.00 Pine live tree 2 1/2 in. dia.

40.00 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide. 1 ft in the
 ground, drive charred stake
 and build mounds of earth 1 ft
 high, with pits 1 ft deep, 2 ft long.

Township 21 N. R. 8 E.
T⁴ & Salt River Meridian

1 ft. wide, as per instructions for 1/4 sec.
 cor. from which
 a Pine, 12 in dia. br., N. 50° W. 112 lbs. dist.
 do. 25 " " " S. 39° E. 36 " "
 8000 Set post, marked & notched, 1 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 sec.
 20, 21, 28 and 29, from which
 a Pine, 20 in dia. br., S. 50° W. 31 lbs. dist.
 do. 18 " " " N. 54° W. 31 " "
 do. 36 " " " S. 3° E. 35 " "
 do. 28 " " " N. 89° E. 148 " "
 Sand broken and rolling.
 Soil poor. Grass.
 Scattered Oak trees.
 Heavy Pine timber.

Township 21 N, Range 8 E
W⁴ Salt River Meridian

Sec. Eastern random line bet sec. 21 & 28.
var. 15° 35' East.

4000 Set temporary 1/4 sec. cor.

79.88 Intersect N. & S. line 12 cen. S
of cor. to sec. 21, 22, 27 and 28.
from which cor. In line
S. 89° 55' W.

Random line bet sec. 21 & 28.
var. 15° 35' East.

39.94 Set a post, marked 1/4 S. of long. flat
tined 3 in wide, 1/2 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. from which

A Pine, 29 in. dia. br. S. 71° W. 10 cen. dist
do. 30 " " " N. 30° W. 25 " "

79.88 Cor. to sec. 20, 21, 28 & 29.
Land rolling. Soil poor. Grass.
Heavy Pine timber.

Township 21 N. R. 8 E.
 Tla^o Salt River Meadow

- No. North between sec. 20 & 21
 var. $15^{\circ}35'$ East
- 10.00 Leave timber and enter point of open
 park, br. N. W. of N.
- 46.00 Set a post, marked 74 S. 4 ft long,
 flattened 3 in wide. 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 per 14 sec. cor. from which
 1 Pine. 12 in dia. br. N. 33° E. 147 lin. dist.
 do. 13 " " " N. 78° E. 151 " "
- 77.00 Leave open park and enter timber
 br. N. of N.
- 80.00 Set a post, marked Enoloted. 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. 16, 17, 20 and
 21, from which

Township 21 N, Range 8 E
 Old Salt River Meridian

As. a Pine, 11 in dia. br. N. 46° W. 10 in. dist.
 do. 14 " " " S. 45° W. 68 " "
 do. 21 " " " N. 68° E. 108 " "
 do. 22 " " " S. 63° E. 62 " "
 Sand rolling and level. Some 1st
 rate soil. Grass. Some heavy Pine timber.

Electron random line bet sec. 16 & 21.

Var. 15° 35' East

4000 Set temporary 1/4 sec. cor.

79.93 Intersect N. & S. line 9/16 sec. cor.
 to sec. 15, 16, 21 and 22 from
 which cor. done

S. 89° 56' W.

As true line bet sec. 16 & 21.

Var. 15° 35' East

S. 84 Pine line tree, 30 in dia.

13.00 do. 26 " "

21.70 do. 24 " "

Township 21 N. Range 8 E
 1/4th E Salt River Meridian

As Continued

79.96 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 of the height, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instruction for 74 sec. cor.
 from which

Ob. Pine, 12 in. dia. br. S. 39° N. 46 br. dist.
 do. 34 " " " N. 50° E. 73 " "

79.93 Cor. to Secs. 16, 17, 20 & 21,
 Land rolling. Soil poor. Grass.
 Heavy Pine timber.

North. between sec. 16 & 17
 var. 15° 35' East

4000 Set a post, marked 74 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake.

Township 21 N. Range 8 E
 1/4th Salt River Meridian

1000. and build mound of earth 2 ft
 high, with pits 1 ft. deep, 2 ft long,
 1 ft wide as per instructions
 for 1st sec. cor. from which
 a Pine, 23 in dia. br. S. 66° E. 119 lbs. dist
 do. 12 " " " N. 69° W. 78 " "
 8000. Set a post marked Enolched 4
 ft long. 3 in. sq. d. 1 ft from 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. 8, 9, 16, & 17. from which
 a Pine, 30 in dia. br. N. 41° W. 66 lbs. dist
 do. 21 " " " S. 67° W. 64 " "
 do. 24 " " " S. 53° E. 60 " "
 do. 35 " " " N. 51° E. 98 " "
 Sand rolling. Some good soil
 Grass. Heavy Pine timber.

Township 21 N. Range 8 E
 1/4 Salt River Meridian

No. 1. Ask our random line bet sec. 9 & 16.
 var. 15°35' East

4000 Set temporary 1/4 sec. cor.

79.89 Intersect N. & S. line 12 hrs. S.
 of cor. to sec. 9, 10, 15 & 16. from
 which cor. June
 S. 89°55' W.

Return line bet sec. 9 & 16.

var. 15°35' East

39.94 Set a post marked 1/4 S. of long. flat
 topped in middle of the ground. Drive
 chared stone & build mound of earth
 2 ft high with pit 1 ft deep. 2 ft long.
 1 ft wide as per instruction for 1/4 sec
 cor. from which

A. P. 30 ac. dead. S. 43 1/2° E. 90 hundred

do. 29 " " N. 5° W. 198 " "

79.89 Cor. to sec. 8, 9, 16 & 17.

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

Township 21 N. Range 8 E
 Platte Salt River Meridian

Sec. 17 to Sec. 20, Secs. 8 & 9.
 var. $15^{\circ} 35'$ East

13.52 Pine limb tree 27 in. dia

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, 1 ft.
 wide, as per instructions for "4
 sec. cor. from which

W. Pine, 29 in. dia. br. N. $78^{\circ} W.$ 145' land dist.

do. 32 " " " N. $48^{\circ} W.$ 180 " "

40.41 Road to the Little Colorado, br. So of E.

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 per instructions for cor. to Secs.
 4, 5, 8 and 9, from which

Township 21 N. Range 8 E
 T14 Salt River Meridian

- No. a Pine, 26 in. dia. br. S. 85° W. 188 lvs. dist.
 do. 25 " " " S. 31 1/2° E. 150 " "
 do. 29 " " " N. 57° E. 193 " "
 do. 28 " " " N. 75° W. 171 " "

Land level and gently rolling.

Some good soil, Grass. Heavy
 Pine timber

Eastward line between 4 & 9
 var. 15° 35' East.

- 1.0.00 Ascend N. slope of hill br. E.
 4.0.00 Top. And set temporary 1/4 sec. cor.
 5.6.00 Foot of hill on E. side.
 79.86 Intersect N. & S. line 7 lvs. S. of cor.
 to secs 3, 4, 9 and 10. from
 which cor. down
 S. 89° 57' W.

On true line between 4 & 9
 var. 15° 35' East

Township 21 N. Range 8 E
 W⁴ Salt River Meridian

hs. Continued

- 19.05 Pine limb tree, 28 in. dia.
 39.93 Set a post, marked 74 S. 4 ft long
 flattened 3 in wide, 1 ft in the
 ground, and build around
 a stone of cheap, as per instru-
 tions for 74 sec. cor. from which
 a Pine 10 in. dia. br. N. 59° W. 28 hrs. dist.
 do. 18 " " " S. 10° E. 75 " "
 79.86 Cor. to Secs. 4, 5, 8 and 9.
 Land hilly. Soil poor. Grasses,
 Heavy Pine timber. Some pasture.

North on random line between 4 & 5.
 run. 15° 35' East.

- 9.50 Pine on E. slope of hill br. N. W.
 40.00 Set temporary 74 sec. cor.
 41.50 Descending to the N.
 59.00 Cease descending and run

Township 21 N. R. 8 East
 T14 E Salt River Meridian

79.86 On gently rolling ground W. & SE.
 Intersect N. boundary 12 Cos
 N. of cor. to Secs. 4 and 5 from
 which cor. Draw
 S. $0^{\circ} 5' N$.

Center line between Secs. 4 & 5.

var. $15^{\circ} 35' East$

39.86 Set a post marked "45.4" long, flat-
 tened 3/4 wide, 1 ft in the ground,
 drive chared stake & build mound
 of earth of the height with pile of logs
 2 ft long, 1 ft wide as per instructions
 for 74 sec. cor. from which
 a Pine, 30 in. dia. br. S. $80^{\circ} W$, 28 Cos dist.
 do 31 " " " S. $40^{\circ} E$, 39 " "

42.58 Pine limb tree 20 in. dia.

79.86 Cor. to Secs 4. 5. 8 and 9.
 Land hilly and rolling. Some
 good soil. Scattering Oak trees & brush.
 Heavy Pine timber. September 18. 1879.

Township 21 N. Range 8 E
 1/4 E Salt River Meridian

No. From the center sec. 29, 30, 31 & 32. Run
 North between sec. 29 & 30.
 var. $15^{\circ}35'$ East

40.00 Set a post, marked "4 S. 4 ft long
 flattened 3 in. wide, 1 ft in the ground
 drive charred stake and build a
 mound of earth of 4 high, with
 pit 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for "4 sec. con. from which
 Arise, 30 in. dia. to N. $58^{\circ}11'$. 38 in. dia. to
 do. 31 " " " East 76° " "

47.85 Pine limb tree, 10 in. dia.

48.00 do. 20 " "

76.19 do. 30 " "

79.16 do. 22 " "

X 80.00 Set a post, marked and natched,
 4 ft long. 3 in sq. 1 ft in the ground
 drive charred stake and build a
 mound of earth of 4 high, with
 pit 1 ft deep, 2 ft long, 1 ft wide

Township 21 N. R. 8 E.
 Tla^e Salt River Meridian

No. as per instructions for cor. to Secs.
 19, 20, 29 and 30. from which
 a Pin, 24 in. dia. br. N. 80° E. 120 l. and dist.
 do. 31 " " " S. 20° E. 123 " "
 do. 19 " " " S. 75° W. 167 " "
 do. 25 " " " N. 62 1/4° W. 104 " "
 Land broken and rolling. Soil
 poor. Grass. Heavy Pine timber.

East meridian line bet Secs. 20 & 29.
 var. 15° 35' East.

4000 Set temporary 4 sec. cor.

80.20 Intersect N. + S. line 15 l. N.
 a/cor. to Secs. 20, 21, 28 and 29.
 from which cor. In line
 N. 89° 54' W.

Put true line bet Secs. 20 & 29.
 var. 15° 35' East

40.10 Set a post marked 4 S. 4 ft.

Township 21 N. Range 8 E
 T14⁴ Salt River Meridian

- No. long, flattened 3 in. wide, 4 ft. in the ground, drive charred stake and build mound a foot or 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 1 sec. cor. from side of P.M., 19 in. dia. 60, North 60 lbs. dist. 39 " " " S. 50° W. 89 " "
- 48.60 Pine knite tree 20 in. dia.
- 80.20 Corner sec. 19, 20, 29-30, Lind Broken walling, some good soil. Grass. Heavy Pine timber

Rest on random knite bet. sec. 19 & 30
 var. 15° 35' East

- 4000 Set temporary 1/4 sec. cor.
- 79.80 Intersect W. boundary 26 lbs. N. of cor. to sec. 19, & 30. If find this cor. to be a post with mound a foot and pits, and from which

Township 21 N. Range 8 E.
 Tla⁴ Salt River Meridian

Ps. A Poi, 28 in. dia. br. S 48° E. 61 br. dist.
 do. 29 " " " N. 31° E. 87 " "
 do. 30 " " " N. 12° W. 86 " "
 do. 27 " " " S. 60° W. 111 " "

And from this cor. Iron

N. 89° 49' E.

On true line between sec. 19 & 30.

var. 15° 35' East

39.80 Set a post, marked "4 S. 47° long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of stone
 2 ft high, as a monument for "4
 sec. cor. from which

A Poi, 29 in. dia. br. S. 10° W. 43 br. dist.

do. 21 " " " N. 18° E. 50 " "

79.80 Cor to sec. 19. 20. 29 & 30.

Land rolling. Some good soil.
 Grass. Heavy Pine timber.
 Some oak trees & brush.

Township 21 N. Range 8 E
 1/4th Salt River Meridian

Sec. North, between secs. 19 & 20.

2 av 15° 35' East

40.00 Set a post, marked 1/4 S. of flong,
 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. from which

A. P. 1, 30 in. dia. br., S. 77 1/2° W. 78 lns. dist.

do. 17 " " " S. 58° E. 137 " "

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 instructions for cor. to secs.
 17, 18, 19 and 20, from which.

A. P. 1, 19 in. dia. br., N. 29° W. 89 lns. dist.

do. 20 " " " S. 30° W. 100 " "

do. 26 " " " S. 79° E. 136 " "

do. 25 " " " N. 47° E. 178 " "

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

Township 21 N, Range 8 E
 9th² Salt River Meridian

No. East. random line bet. sec. 17 & 20.
 var. $15^{\circ}35'$ East.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

67.00 Leave timber, cross narrow neck of
 long open park br. W. of N.

76.50 Leave open ground, enter timber br. W. of N.

80.10 Intersect N. rd line 13 hrs. S. of cor.
 to sec. 16, 17, 20 and 21, from
 which cor. In run

S. $89^{\circ}54'$ N.

On true line bet. sec. 17 & 20.

var. $15^{\circ}35'$ East.

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

From which

A. Pine, 20 in. dia. br. S. 50° N. 68 hrs. dist.

do. 24 " " " N. 79° N. 83 " "

Township 21 N. Range 8 East
 4th & Salt River Meridian

Co. Continued

44.27 Pine leaf tree, 36 in. dia.

46.53 do 28 " "

47.00 do 25 " "

80.10 Cor to Secs. 17, 18, 19 and 20.
 Land rolling. Some good soil.
 Grass. Much heavy Pine timber

Next on random line between 18 & 19
 var. 15° 35' East.

9.50 Enter long narrow opening br. E. of N.

18.00 Leave opening, enter timber br. E. of N.

40.00 Set temporary 1/4 sec. cor.

79.83 Intersect N. boundary 23 br. N.
 of cor to Secs. 18 & 19. I find
 this cor. standing as originally
 established, - a post with mound
 of earth and pits, and from
 which

Township 21 N. Range 8 E
 T14 & Salt River Meridian

79.82 A Pine, 36 inches br. S. 45° E. 64 hrs. dist.
 do. 29 " " " N. 11° E. 66 " "
 do. 30 " " " N. 68° W. 173 " "
 do. 21 " " " S. 56° W. 190 " "

And from which cor. Iron
 N. 89° 50' E.

Outline line bet. secs. 18 & 19
 var. 15° 35' East

79.83 Set apart, marked 74 S. 4 ft. long,
 flattened Pine wood, 1 ft. in the ground
 and charred state and build
 mound of earth 2 ft. high, with
 pit 4 ft. deep, 2 ft. long, 1 ft. wide
 as per instructions for 74 sec. cor.
 from which

A Pine, 23 inches br. North, 33 hrs. dist.
 do. 22 " " " S. 30° W. 140 " "

79.83 Cor to secs 17, 18, 19 and 20.
 Land rolling. Some good wood.
 Grass. Much heavy Pine timber.

Township 21 N. Range 8 E
Tila & Salt River Meridian

Rs. North between sec. 17 & 18.

var. $15^{\circ} 35'$ East.

- 40.00 Set a post, marked '4 S. of fl. long,
flattened 3 in wide. 1 ft in the
ground. Saw charred stake &
built mound a ft. east of the high
with pit 1 ft deep, 2 ft long. 1 ft wide,
a few instructions for 14 sec. cor. found at
Pine, 15 in. dia. br. S. 29° W. 74' long dist.
do 17 " " " S. 6° E. 256 "
- 42.00 Saw timber cuts open park bro.
NW. 1 SE.

- 80.00 Set a post, marked 'enotched, of fl. long. 3 in.
sq. 1 ft in the ground, saw charred stake &
built mound a ft. east of the high with pit
1 ft deep, 2 ft long. 1 ft wide, a few instruc-
tions for cor. to Secs. 7, 8, 17 & 18 from which
a Pine, 26 in. dia. br. S. 64° E. 371' long dist.
No other trees near.
Land uneven. Some good soil. Some Heavy
Pine timber

Township 21 N. R. 8 E
 4th & Salt River Meridian

- 100 East, on corner line bet sec. 8 & 17.
 var. 15° 35' East.
 In open Park, Co. N. & S.
- 25.00 Leave open park, enter timber Co. N. & S.
 and rise on higher ground.
- 40.00 Set temporary 1/4 sec. cor.
- 80.18 Intersect N. & S. line 18 hrs S. of
 cor to secs 8, 9, 16 & 17, from which cor. Run
 S. 89° 52' W. to true line bet sec. 8 & 17.
 var. 15° 35' East.
- 40.09 Set spot marked by 1/4 sec. long, flattened
 3 in wide, 1 ft in the ground, line chanced
 stone & 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, 20 in dia. to N. 29° W. 37 leads to
 do. 11 " " S. 5° E. 154 " "
- 80.18 Cor to Secs. 7, 8, 17 & 18.
 Land rolling. Some good soil. Grass.
 Heavy Pine timber in places.

Township 21 N. Range 8 E
 T14 & Salt River Meridian

No. Westward in sec. 7 & 18.
 var. $15^{\circ}35'$ East.

In open Park, br. NW. & SE.

19.00 Leave open Park, enter timber NW. & SE.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.78 Intersect N. boundary, 15 Sec. N.
 of cor. to sec. 7 & 18. This cor. I
 find to be a post with mound of
 earth and pits, and the following
 bearing trees standing:

A Pine, 30 in dia. br. S. 50° W. 39 br. dist

do. 23 " " " N. 25° W. 64 " "

do. 28 " " " N. 53° E. 66 " "

do. 29 " " " S. $54\frac{1}{2}^{\circ}$ E. 93 " "

And from this cor. I run
 N. $89^{\circ}54'$ E.

On true line between sec. 7 & 18.

var. $15^{\circ}35'$ East

39.78 Set a post, marked $\frac{1}{4}$ S. 4 ft.
 long, flattened 5 in wide. 1 ft.

Township 21 N. R. 8 East
 Tla 3 Salt River Meadieu

Dr. in the ground, drive 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 Piv. 21 mi. dia. br. N. 38° W. 27 land etc.

do. 8 " " " S. 27° W. 33 " "

79.78 Cor to Secs 7, 8, 17 and 18.

Land level then broken. Some
 good soil, Grass. Some
 Heavy Pine timber.

North between Secs. 7 E & 8
 var. 16° 35' East.

In open Park, br. E. W.

9.00 Leave open Park, enter timber NW SE.

35.60 Pine lime tree 28 mi. dia.

40.00 Set a post, marked 14 S. 4 ft long,
 flattened 3 in wide, 1 ft in the

Township 21 N. R. 8 East
 1/4 Sec. 10 + River Meridian

- No. ground drive charred stake & built 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
- A. Pine, 27 in. dia. br. N. 47° W. 96 lbs. dist.
 do. 30 " " " S. 44 1/2° E. 131 " "
- 58.00 Leave timber, enter open park again
 br. N. W. and S. E.
- 59.45 Road to the Little Colorado, br. S. of E.
- 80.00 Set a post, marked & notched, 4 ft long, 3 in. sq. 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 cor. to Secs. 5, 6, 7 & 8. from which
- A. Pine, 12 in. dia. br. N. 57 1/2° W. 74 lbs. dist.
 do. 15 " " " N. 61° E. 249 " "
- No other trees near.
- Land level. Some good soil. Grass.
 Some heavy Pine timber.

Township 21 N. Range 5 E.
Tola & Salt River Meridian

No. East. meridian line bet. secs. 5 & 8.
var. 15° 35' East.

Dropen paca br. S.

40.00 Set temporary 1/4 sec. cor.

65.00 Leave open park, enter timber N. S.

80.07 Intersect N. S. line 12 ls. N. of
cor. to secs. 4, 5, 8 and 9, from
which cor. done

N. 89° 55' W. true line bet. secs. 5 & 8.
var. 15° 35' East

40.03 Set a post, marked 1/4 S. off Hwy. flat-
tired 3 in wide. 1 ft. in the ground, drive
charred stake & build mound of earth
2 ft high, with pit 6 ft deep, 2 ft long, 1 ft
wide, as per instructions for 1/4 sec. cor.
No trees near.

80.07 Cor. to secs. 5, 6, 7 and 8.
Sand level and rolling. Some
good soil. Scattering timber.

Township 21 N. Range 8 East
 1/4 & Salt River Meridian

To. Westward in line bet sec. 6 & 7.
 var. 15° 35' East

In opening bro. S.E.

10.00 Enter heavy timber NE & SW.

40.00 Set temporary 1/4 sec. cor.

79.70 Intersect N. boundary of sec. 11. of
 cor. to sec. 6 & 7, finding that cor. and
 its bearings true standing as originally
 established, - a post, with a round
 of stone & from which

A. Pin. 30 in dia. br. N. 70° E. 82 lac. dist.

do. 30 " " " S. 54° W. 108 " "

do. 29 " " " S. 33° E. 90 " "

do. 27 " " " N. 58° W. 156 " "

And from which cor. drawn
 N. 89° 56' E.

On line bet sec. 6 & 7
 var. 15° 35' East

1.88 Pin in tree 30 in dia.

39.70 Set a post, marked 1/4 S. 4 ft.

Township 21 N. R. 8 East
 Pla & Salt River Mendocino

Rs. long, flattened 3 in wide, 1 ft in the ground, dense charred state & build mound a few feet high with pit 1 ft deep, 2 ft long, 1 ft wide as per instructions for 1/4 sec. cor. from which

A. P. 24 in dia. to S. 45° E. 176. 6 in dia.

do. 8 " " " N. 70° W. 267 " "

79.70 Cor. to sec. 5, 6, 7 & 8.

Land gently rolling. Soil mostly poor. Grass. Some Heavy Pine timber.

North on random line to sec. 5 & 6.

In opening on E. & W. ²⁰⁰⁰ 15° 35' East

3.25 Leave opening, enter heavy timber on E. & W.

4000 Set temporary 1/4 sec. cor.

79.91 Intersect at a point 18 hrs. N. a cor. to sec. 5 & 6. from which

Course of N. Range & East
 1/4 & 1/2 Sec. Meridian

Ch. C. D. D. D.

S. 108° N.

Course line between Sec. 5 & 6.

Var. 15° 35' East.

39.91 Stake marked "4. S. 4 ft. long"
 flattened 5 in. wide, 1 foot in the
 ground, drive chert stone @ build
 mound of earth 2 feet high, with
 pit 1 foot deep, 2 feet long, 1 foot
 wide as per instructions for "Hess
 Co. from which

St. Line, 10 in. dia. to S. 60° N. 79 lbs. dist.

do 29. " " N. 67° E. 66 "

79.91 Cont. Secs. 5 & 6. 7 and 8.

Land gently rolling; some good soil.
 Pass. Some Heavy Pine timber.

September 19, 1879.

General Description.

The surveyed portion of Township 21 N. Range 8 E., presents a generally rolling surface, with good and 2^d rate soil, and for the most part heavily covered with pine timber of commercial value.

The timber is easily accessible and a good road passes through the northern portion of the township leading down to the Little Calumet river. The land is wholly non mineral. The lines were blazed and line trees notched. There is fine grass throughout the township. The unsubdivided portion of the Township is impracticable for survey.

from numerous and impassable
canyons of great size and
grandeur.

J. L. Harris
U.S. Geol. Surveyor.



U. S. Surveyor General's Office,
 Tucson, Arizona
 San Francisco, Cal.

BOOK 383

November 8 1879

The foregoing Field Notes of the surveys of
 the Subdivision Sides of
 Township 21 North
 Range 8 East,

Gila and Salt River Meridian
^{Side of Arizona}
 in the State of California executed by

John L. Heavis,

U. S. Deputy Surveyor, under his contract dated

April 28, 1879.

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

John Mason.

U. S. Surveyor General for California.
 Arizona

List of Names.

BOOK 383

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

Subdivision Line of Township 21 North Range 8 East of the Gila and Salt River Meridian Arizona

Showing the respective capacities in which they acted.

- Richard Shrape Chainman.
- Geo. McNeal Chainman,
- B. Palmer Axeman.
- J. C. Lindsey
- Evaresto King Flagman.

Final Oath of Assistants.

We hereby certify that we assisted John
L. Harris U. S. Deputy Surveyor, in
surveying

The Subdivision Line
of Township 21 North
Range 8 East of the
W. Salt River
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 Shrop Chainman.

Geo. Mc Neal Chainman,

B. Palmer Axeman.

J. J. Lindsey Axeman
Flagman.

Flagman Evaristo Sainz
Sworn to and subscribed before me, this 19

day of September, 1879

John L. Harris
U. S. Dep. Surveyor.

Final Oath of Deputy Surveyor.

I, John L. Barry
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 Subdivision Lines
of Township 21 North
Range 8 East of
the Gila & 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.

Geo. L. Harris
Deputy Surveyor.

Sworn to and subscribed before me, this *25*
day of *September*, 187*9*

John R. Farrell
Notary Public.