

*John L. Harris* Deputy Surveyor.

T. *16 North* R. *22 East*

*Gila & Salt River* Meridian.

*No - 248*

**FIELD NOTES**

OF

**THE SUBDIVISION LINES OF**

Township *16 North* Range *22 East*

*Gila & Salt River* Meridian.

BY

*John L. Harris* Deputy Surveyor.

under his Contract of *April 28*. 1879

Survey Commenced *June 27*. 1879

Survey Completed *July 1*. 1879

Platted.

Copied for Washington,

Copied for Register,

Township *16 North* Range *22 East*  
*Gula & Salt River* Meridian,

**BOOK 248**

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

*OK.*

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# Preliminary Oaths of Assistants.

We, Richard Shreve  
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 Shreve  
G. A. Oldshue  
~~Geo. McNeil~~

Sworn to and subscribed before me, this 31  
day of May, 1879



John D. Tammell,  
Notary Public.

We, *B. Palm* *Geo. McNeal*  
*Evaristo Saing*

do solemnly swear that we will well and truly perform the duties of *Assessors and*  
*Flagman* respectively according to instructions given us, and to the best of our skill and ability.

*B. Palm*  
*Geo. McNeal*  
*Evaristo Saing*

Sworn to and subscribed before me this *31<sup>st</sup>*  
 day of *May*, 18*79*

*John R. Farrell*  
 Notary Public





1 10  
Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains From the corner to Sections 35, 36, 1 and 2 on the South boundary I run.  
North, between Sections 35 and 36.

Variation  $14^{\circ} 37'$  East.

As per East Boundary. —

(I find the cor. to secs. 35 + 36, on the S. boundary of the Tp. as established by Dep. Sur. Foster, under his contract of Aug 16. 1875. — a post, with mound of earth and pits. The post had fallen down, and I reset it, cleaning the pits + renewing the mound.)

4000 Set a sandstone  $24 \times 12 \times 3$  in.  $3/4$  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 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 secs. 25, 26, 35 and 36. No trees near.

Land level. Sal. st. rate.  
No timber.

Township 16 North Range 22 East

Gila Salt River Meridian.

Chains

East, on a random line between Sections 25 and 36.

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

- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 49.00 Recend to high and poor ground  
 Co. N. S.  
 79.88 Intersect E. boundary 20 hrs. S.  
 after to secs. 25 and 36. from  
 which cor. done

S.  $89^{\circ}51'W$ .On true line between secs. 25 & 36.  
 var.  $14^{\circ}34'$  East

- 39.94 Set a post, marked  $\frac{1}{4}$  S.  $\frac{1}{4}$  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  $\frac{1}{4}$  sec. cor.

No trees near.

- 79.88 Cor. to secs. 25, 26, 35 & 36.

Land level then ascending E.  
 Some good soil Grass  
 a few cedar trees E.  
 Large sections from petrified trees on E. end.



Township 16 North Range 22 East  
Gila Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation 14° 32' East.

4000 Setapost, marked  $4\frac{1}{2}$  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  $4\frac{1}{2}$  sec. cor.

No trees near.

5200 Ascend bluff to high ground to E. & W.

8000 Setapost, marked and scratched,  $4\frac{1}{2}$  ft. long, 3 in. sq. 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 cor. to Secs. 23, 24, 25 and 26.

No trees near.

Land level. Soil Good.

Then high rolling and broken.

Soil poor.

Grass.

No timber.

Township 16 North Range 22 East  
Gila & Salt River Meridian.

Chains East, on a random line between Sections 24 and 25.  
Variation 14° 34' East.

4000 Set temporary 1/4 sec. cor.  
79.77 Intersect E. boundary 16 tra. S. of cor.  
to secs. 24 and 25. from corner  
cor. same

S. 89° 53' N.

On true line between secs. 24 & 25.  
var. 14° 34' East

39.88 Set a post, marked 1/4 S. 4 ft long,  
flattened 3 in. wide. 1 ft in the  
ground, drive charred stake 2 in.  
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.

79.77 Cor. to secs. 23, 24, 25 and 26.

Sand rolling and broken.

Soil poor. Grass. A few Cedars.



Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains North, between Sections 23 and 24.

Variation 140 3/4' East.

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 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, 3 in dia. br. N. 84° W. 28 and dit.  
No other 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. 13, 14, 23 and 24.  
No trees near.

Land rolling and broken,  
soil poor. Grass 0.  
A few Cedars.

Township 16 North Range 22 East

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Gila and Salt River Meridian.

Chains

~~East, on a random line between Sections 13 and 24.~~

Variation 14° 37' East.

The line between secs. 13 and 24 extends over unsurveyable ground and the soil in sections 13 and 24 is barren mesa, inaccessible to water and is wholly worthless and non-mineral.

Therefore I do not extend this line.

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Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains North, between Sections 13 and 14.

Variation  $140^{\circ} 37'$  East.

4000 Set apart, marked  $1/4$  S. 4 ft long, flattened 3 in. wide, 1 ft. in the ground drive 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. No trees near.

8000 Set a sandstone  $16 \times 12 \times 4$  in.  $2/3$  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 Sec. 11, 12, 13 and 14. No trees near.

Sand rolling, Soil poor.  
No timber.

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Township

16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 12 and 13.

Variation

~~14° 34'~~

East.

The line E. between secs. 12 and 13, runs over barren mesa and unarable ground and the soil of secs. 12 and 13, except a narrow strip on the extreme E, is wholly worthless and inaccessible to water.

The land is non-mineral.

I do not extend this line.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains North, between Sections 11 and 12.

Variation 14° 37' East.

4000 Remove from stone and timber. 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 Set a sandstone 15 x 10 x 6 in. 2/3 in the ground, properly notched, and on the N. 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, 11 and 12. No trees near.

Sand rolling.  
Soil poor.  
No timber.

Township 16 North Range 22 East

Gala and Salt River Meridian.

Chains East, on a random line between Sections 1 and 12.

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

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect E. boundary 20 lns.  
 N. of cor. to secs. 1 and 12,  
 from which cor. drawn

N.  $89^{\circ}51'W$ .

On true line between sec. 1 &amp; 12.

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

39.95 Remote from stone and timber.  
 Drw. charred stave and  
 build mound of earth 2 ft.  
 high with pit 1 ft. deep. 2 ft.  
 long. of burde, as per instru-  
 tion. for  $\frac{1}{4}$  sec. cor.

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

Land rolling.

Soil worthless S. Some good N.

No timber.



Township

16 North Range 22 East

Gila and Salt River Meridian.

Chains

North, on a <sup>True</sup>~~random~~ line between Sections 1 and 2.

Variation 140° 34' East.

Descend into level land br. NE & SW.  
 How Remove from stone and timber.  
 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 1/4 sec. cor.

79.69 Intersect 4<sup>th</sup> Standard N. at a  
 point 43.10 chs. W. of standard  
 cor. to secs. 35 and 36. Twp. 17  
 N. Range 22 E. - lately set by  
 myself.

At point of intersection I set a  
 sandstone, 18 x 14 x 4 in. 3/4 in the  
 ground, properly notched, and  
 on the S. build a mound of earth  
 2 ft high, with pits 1 ft deep. 2 ft  
 long. 1/2 ft wide, as per instruc-  
 tions for closing cor. to secs.  
 1 and 2. No trees near.  
 Land level. Some good soil.  
 Grass. No timber.

Township

16 North Range 22 East

Gula E Salt River Meridian.

Chains

North, between Sections 34 and 35.

Variation

14° 34'

East.

(I found the cor. to secs. 34 and 35, on the S. boundary of the Township, standing as originally established, - a sandstone, notched, and mound of earth with pits.)

- 1600 Little Colorado Road br. N. W. & S. E.
- 39.83 Little Colorado river, 60 hrs. wide, flows 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 pits 1 ft deep 2 ft long, 1 ft wide, as per instruction 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. 26, 27, 34 and 35. No trees near. Sand level. Soil strata. No timber.

16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 26 and 35.

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

40.00 Set temporary 14 sec. cor.

80.15 Intersect N. & S. line 18 hrs. N. of  
cor. to secs. 25. 26. 35 and 36  
from which cor. I run $N. 89^{\circ}52' W.$ 

On true line between secs. 26 &amp; 35.

var.  $14^{\circ}34'$  East.40.04 Set a sandstone  $22 \times 14 \times 3$  in. $34$  in the ground, marked  $14$ ,  
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 14 sec. cor.  
No trees near.

80.15 Cor. to secs. 26. 27. 34 and 35.

Level level. Soil 1st Rate.

No timber.



Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains North, between Sections 26 and 27.

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

4000 Set a post, marked 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 74 sec. cor.

No trees near.

6000 Ascend to high, broken and rolling table, bro. E. + W.

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. 22, 23, 26 and 27.

No trees near.

Sand level, strata. Then broken and poor.

No timber.

Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation 14° 34' East.

80.12 Set temporary cor.

Intersect N. S. line 13 lks N.  
 of cor to Secs. 23, 24, 25 and  
 26, from which cor. Run

N. 89° 54' W.

On true line between Secs. 23 & 26,  
 var. 14° 34' East

40.06 Set a post, marked 1/4 S. 4 ft  
 long, flattened 3 in. wide, fl. 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 1/4 sec. cor.

No trees near.

80.12 Cor to Secs. 22, 23, 26 & 27.

Sand rolling & broken.

Soil poor.

Grass. No timber.

Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains North, between Sections 22 and 23.

Variation 14° 37' 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 cedar, 14 in. dia. to East, 70 lbs. dist. No other trees near.

69.60 Dry wash, 50 lbs. wide, to S.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. 14, 15, 22 and 23. No trees near

Land rolling and broken. Some good soil. Scattering cedar trees. Grass. June 24, 1879.



BOOK 248  
 Township 16 North Range 22 East  
 Gila and Salt River Meridian.

Chains

East, on a random line between Sections 14 and 23.

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

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. & S. line 25 Sec. N.  
 of cor. to Secs. 13, 14, 23 and 24,  
 from which cor. Run

N.  $89^{\circ}49'W$ .

On true line between Secs. 14 & 23.

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

39.98 Set apart, marked  $\frac{1}{4}$  S. of long,  
 flattened 3 in. wide, 1 ft in the  
 ground, drive charred stakes and  
 build mound beneath 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.

79.96 Cor to Secs. 14, 15, 22 and 23.

Land rolling. Some good soil.  
 Scattering Cedar trees.

Township

BOOK 248  
16 North Range 22 East 18

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 32' East.

6000 Setasandstone 12 x 10 x 8 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. 1 ft wide, as per  
 instructions for 14 sec. cor.

No trees near

45.30 Bluff to S. W and N.E. and  
 descend to lower ground.

8000 Setasandstone 18 x 13 x 8 in.  
 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. 10, 11, 14 and 15.  
 No trees near.

Land Rolling then level.

Soil poor + Good.

Grass. No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 11 and 14.

Variation  $14^{\circ}37'$  East.

80.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. & S. line 30 hrs. N.  
 of cor to secs. 11, 12, 13 and  $\frac{1}{4}$   
 from which cor. Issue

N.  $89^{\circ}44'$  W.

Put true line between sec. 11 &amp; 14.

var.  $14^{\circ}37'$  East

40.05 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,  
 as per instructions for  $\frac{1}{4}$  sec.  
 cor.

80.10 Cor. to secs. 10, 11, 14 and 15.

Land ascending slightly E.  
 Honeywood soil.

Grass. No timber.



Township

16 North Range 22 East

Gila &amp; Salt River

Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 37' East.

4000 Remove from stone & timber.  
Drive charred stake and  
build mound of earth 2 ft.  
high with pits 4 ft. deep, 2 ft.  
long, 1 ft. wide, as per in-  
structions for 14 sec. cor.

8000 Set a sandstone 15 x 10 x 6 in.  
1/3 in. the ground, notched S.  
and E., and on the N. build  
mound of earth 2 ft. high with  
pits 4 ft. deep, 2 ft. long, 1 ft. wide,  
as per instructions for cor. to  
Secs. 2, 3, 10 and 11.

No trees near.

Land level Soil Good,  
Grass. No timber.

BOOK 248  
 Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 2 and 11.

Variation  $14^{\circ} 37'$  East.

4000 Set temporary cor.

So. 14 Intersect N. & S. line 22 Sec. N.  
 of cor. to secs. 1, 2, 11 and 12,  
 from which cor. I run

N.  $89^{\circ} 51' W.$

On true line between secs. 2 & 11,  
 was.  $14^{\circ} 37'$  East.

4007 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,  
 as per instructions for 1/4 sec.  
 cor.

So. 14 Cor. to secs. 2, 3, 10 and 11.

Land <sup>mostly</sup> level. Soil mostly Good.

Grass. No timber.

Township 16 North Range 22 EastGila and Salt River Meridian.

Chains

True  
North, on a ~~random~~ line between Sections 2 and 3.Variation 143<sup>3</sup>/<sub>4</sub>' East.

Hood Remote from stone & timber.  
 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 1/4 sec. cor.

79.75 Intersect 4<sup>th</sup> Standard N. at a  
 point 42.79 chs. N. of standard  
 cor. to Secs. 34 and 35. T<sub>h</sub>. 17  
 N. Range 22 E. - lately set  
 by myself.

Set a sandstone 18 x 12  
 x 3 in. 3/4 in the ground,  
 properly notched, and on  
 the S. build mound of earth  
 2 ft high, with pits 1 ft. deep,  
 2 ft long, 1 1/2 ft wide, as  
 per instructions for closing  
 cor. sec. 2 and 3.

Land level soil Good Grass  
 No timber.



Township 16 North Range 29 EastGila and Salt River Meridian.

Chains

North, between Sections 33 and 34.

Variation 14° 37' East.

(Find the cor. to Secs. 33 and 34 to be a sandstone, notched E & W with a mound of earth and pits, as originally established.)

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.

4200 The Little Colorado river, in deep mud walls, 175 lbs. wide, flows N. <sup>30'</sup> E. - N.

8000 Set a sandstone 20 x 13 x 4 in., 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. 27, 28, 33 and 34. No trees near.

Sand concrete. Soil poor S. of the river, good N. Grass.  
No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 27 and 34.  
 Variation  $14^{\circ}37'$  East.

25.30 Little Colorado road brs. NW & S.E.

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

80.06 Intersect N. & S. line 25 lbs. S. of cor. to secs. 26-27, 34 and 35. from which cor. I run

S.  $89^{\circ}49'W$ .

On true line between secs. 27 & 34.  
 var.  $14^{\circ}37'$  East.

40.03 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 pits 1 ft deep, 2 ft long, 1 ft wide, as the structures for  $\frac{1}{4}$  sec. cor. No trees near.

80.06 Cor. to secs. 27, 28, 33 and 34.

Sand mostly level.  
 Poor Good Grass. No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

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

- 28.50 Little Colorado road brs. N.W. & SE.  
 4000 Set a sandstone  $35 \times 15 \times 12$  in.  
 12 in in the ground, on bed rock,  
 marked  $\frac{1}{4}$ , and on the N. build mound of stones 2 ft  
 high, as per instructions for  
 $\frac{1}{4}$  sec. cor.
- No trees near.
- And ascend point of rock brs. S.W. & NE.
- 40.33 Top of same and descend and  
 can on higher but level ground.
- 8000 Set a sandstone  $16 \times 14 \times 4$  in.  
 $\frac{2}{3}$  in the ground, properly  
 scratched, and on the N. build  
 mound of earth 2 ft high,  
 with pits 4 ft deep, 2 ft long, 1 ft  
 wide, as per instructions for  
 cor. to secs. 21, 22, 27 and  
 28. No trees near.

Land uneven. Soil good  
 in part. Grass. No timber.



Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.

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

25.00 Ascend to high rolling & broken ground <sup>5 ft. N. E.</sup> ~~600~~

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

79.89 Intersect N. & S. line 50 Ch. N. of cor. to secs. 22, 23, 26 and 27, from which cor. I run

N.  $89^{\circ}39'W$ .

On true line between secs. 22 & 27.  
var.  $14^{\circ}34'$  East.

39.94 Remote from stone & timber.  
Drove 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  $\frac{1}{4}$  sec. cor.

79.89 Cor to secs. 21, 22, 27 and 28.

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

Township 16 North BOOK 248 Range 22 East

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 140° 34' East.

4000 Set a sandstone  $12 \times 8 \times 6$  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.

7000 Regard to higher ground. (See E. & W.)  
8000 Set a post, marked and notched,  
4 ft long, 3 in. sq. d. 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  
cor. to secs. 15, 16, 21 and  
22.

No trees near.

Land mostly level.

Soil Good.

Grass.

No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.  
 Variation  $14^{\circ}34'$  East.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 58.00 Dry wash, 25 lbs. wide, br. N.W.  
 80.20 Intersect N. & S. line 40 lbs N.  
 of cor to Secs. 14, 15, 22 and  
 23, from which cor. I run  
 N.  $89^{\circ}43'W$ .

On true line between Secs. 15 & 22.  
 var.  $14^{\circ}34'$  East

40.10 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 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.

80.20 Cor to Secs. 15, 16, 21 and 22.  
 Land high, rolling & some -  
 what descending N.  
 Soil mostly poor Grass.  
 No timber.



29 BOOK 248 Township 16 North Range 22 East  
Gila and Salt River Meridian.

Chains North, between Sections 15 and 16.

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

5.00 Descend to lower ground to NW 1/4  
13.00 Dry wash 30 hrs. wide, hrs. N. W.  
4.00 Set a post, marked 14 S. 4 ft long,  
flattened 3 in wide 1 ft in the  
ground, drive charred stake and  
build mound a fourth of ft  
high, with pits 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions  
given for 14 sec. cor.  
No trees near.

8.00 Set a post, marked and notched,  
4 ft long, 3 in sq d. 1 ft in the  
ground, drive charred stake  
and build mound a fourth of ft  
high, with pits 1 ft deep, 2 ft long,  
1 ft wide, as per instructions for  
cor. to secs. 9, 10, 15 and 16.  
No trees near.

Land descending N. then level,  
Mostly good soil. Grass  
November.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains East, on a random line between Sections 10 and 15.  
 Variation  $140^{\circ}37'$  East.

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.75 Intersect N. & S. line 28 lra N.  
 of cor. to Secs. 10, 11, 14 and 15.  
 from which cor. drawn

N.  $89^{\circ}48'W$ .

On true line between Secs. 10 & 15,  
 var.  $140^{\circ}37'$  East

39.87 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 pits 1 ft.  
 deep, 2 ft long, 1 ft wide, as  
 per instruction for  $\frac{1}{4}$  sec. cor.  
 No trees near.

79.75 Con. to Secs. 9, 10, 15 and 16.

Sand level.

Soil & strata.

Grass.

No timber.

Township 16 North Range 22 EastGala and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Variation 14° 37' East.

- 4000 Set a sandstone  $15 \times 12 \times 4$  in.  
 $\frac{2}{3}$  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.
- 6600 Cross N.W. slope high hill to N.W. &  
 S.E.
- 7300 Top of ascent & descend.
- 8000 Run on level ground, and set a  
 sandstone  $20 \times 15 \times 6$  in.  $\frac{3}{4}$   
 in the ground, notched S. & E.  
 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 see  
 3, 4, 9 and 10.  
 No trees near.  
 Sand level & broken.  
 Some 1<sup>st</sup> Rate soil.  
 No timber.  
 June 28, 1849.



Gila and Salt River

BOOK 248  
Meridian.

Chains

East, on a random line between Sections 3 and 10.

Variation  $140^{\circ}34'$  East.4000 Set temporary  $\frac{1}{4}$  sec. cor.

79.84 Intersect N. &amp; S. line 23 lks.

N. of cor. to Secs. 2, 3, 10 and  
11. from which cor. I run $N. 89^{\circ}50' W.$ 

Outline line between sec. 3 &amp; 10.

var.  $140^{\circ}34'$  East.39.92 Set a sandstone  $15 \times 10 \times 5$  in. $\frac{2}{3}$  in the ground, marked  $\frac{1}{4}$ ,  
and on the W. build mound  
of ~~xxx~~ 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.

79.84 Cor. to Secs. 3, 4, 9 and 10.

Land mostly level.

Soil Good.

Grass.

No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

North, on a <sup>tree</sup> ~~random~~ line between Sections 3 and 4.

Variation 140° 32' East.

4000 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,  
 as per instructions for 1/4 sec. cor.

79.84 Intersect 4th Standard Parallel N,  
 at a point 42.25 Chs. N. of standard  
 cor. secs. 33 and 34. of T. 17  
 N. range 22 E. - locality set by  
 myself.

Set a standard stone 21 x 13  
 x 3 in. 3/4 in the ground, properly  
 notched, and on the S. build a  
 mound of earth 2 ft high, with  
 pits 1 ft deep, 2 ft long, 1 1/2 ft wide,  
 as per instructions for closing cor.  
 to secs. 3 and 4.

No trees near.

Land level Soil Good.  
 Grass. No timber.

Township 16 North Range 22 East  
Gila and Salt River Meridian. BOOK 248

Chains North, between Sections 32 and 33.

Variation 14° 37' East.

(I find the cor. to secs. 32 and 33. on the boundary, to be a sandstone with 4 notches E x 2 on the W. and with a mound of earth and pits, as originally established.) -

- 28.56 Canon of the Little Colorado river (n. W.) and descend into it.
  - 29.75 Little Colorado river, 900 yds wide, flows W. x N. of W. and ascend on N. side.
  - 31.57 Top of ascent, and run on rolling land
  - 35.00 Silver creek, flowing N. of N. runs into the Little Colorado, about 25.00 chs. W. of this point.
  - 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. No trees near.
  - 8000 Set a sandstone, 15 x 10 x 4 in. 73 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. 28, 29, 32 & 33. No trees near.
- Land somewhat broken and rolling. Some good soil. Grass. No timber.



Township 16 North Range 22 East

Gela and Salt River Meridian.

Chains East, on a random line between Sections 28 and 33.

Variation  $14^{\circ}37'$  East.4000 Set temporary  $\frac{1}{4}$  sec. cor.79.68 Intersect N. & S. line 11 hrs. N. of  
cor. to secs. 27, 28, 33 & 34.  
from which cor. done $N. 89^{\circ}55' W.$ 

On true line between secs. 28 &amp; 33.

var.  $14^{\circ}37'$  East39.84 Set a sandstone  $18 \times 12 \times 6$  in.  $\frac{3}{4}$   
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 instruc-  
tions, for  $\frac{1}{4}$  sec. cor.

No trees near.

79.68 Cor. to secs. 28, 29, 32 &amp; 33.

Sand mostly level.

Soil Good.

Grass.

No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains North, between Sections 28 and 29. Variation 14° 34' East.

4000 Remote from stone & timber. Drive chamed 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 Set a post, marked and notched, 4 ft long, 3 in. sq d. 1 ft in the ground. Drive chamed 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. 20, 21, 28 and 29. No trees near.

Sand level.  
Soil Good.  
Grass.  
No Timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 21 and 28.

Variation  $14^{\circ}37'$  East.

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
 44.00 Little Colorado Road 60 S. E. N. W.  
 79.78 Intersect N. & S. line 17 Sec. S. of cor.  
 to secs 21, 22, 27 and 28. from  
 which cor. Run

S.  $89^{\circ}53'W$ .

On true line between secs 21 & 28  
 var.  $14^{\circ}37'$  East.

39.89 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 1 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.

79.78 Cor to secs. 20, 21, 28 and 29.

Sand level. Soil Good.  
 Grass. No timber.



Township

16 North

Range

22 East

Gila and Salt River, Meridian.

Chains

North, between Sections 20 and 21.

Variation 14° 32' 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.

No trees near.

65.00 Little Colorado Road br. NW & SE.

75.00 Cross point of mesa br. W.

80.00 On top of ridge of mesa, br. W.

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. 16, 17, 20 and 21.

No trees near.

Land mostly level.

Soil good.

Grass

No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 16 and 21.

Variation 14°37' East.

- 12.00 Descend from ridge br. N. of W.  
 40.00 Set temporary 1/4 sec. cor.  
 68.00 Ascend on higher ground br. SW.  
 79.94 Intersect N. & S. line 18 lns. S. of  
 cor. to Secs. 15, 16, 20 and 21,  
 from which cor. I run

S. 89°52' W.

On true line between sec. 16 & 21.  
 var. 14°37' E.

- 39.97 Set a post, marked 1/4 S. of ft long,  
 flattened 3 in. wide, 1 ft. in the  
 ground, 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 1/4 sec. cor. No tree near.  
 49.94 Cor. to Secs. 16, 17, 20 & 21.

Sand ridgy E. & W. Level  
 and stony soil in center and  
 to the N. Grass. No timber.

Township

16 North

Range

22 East

Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation  $14^{\circ}37'$  East.

- 2.00 Run into level low land br. E. W.
- 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 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. A small black hill br. a little S. of E. about  $5.00$  chs. dist. Line running E. from this point would touch the N. base.
- 68.00 Lagoon with water in it br. S. E. & N. W. Offset  $3.00$  chs. N. and thence continue N. and at
- 70.00 Small black hill br. N. about  $6.00$  chs. dist.
- 78.75 Set back to line and N. Edge lagoon, br. S. & S. E.
- 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. 8, 9, 16, and 17. No trees near. Land level, Sal. & Rate. No timber.



Township 16 North Range 22 East

Gela and Salt River Meridian.

Chains

East, on a random line between Sections 9 and 16.

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

4000 Set temporary  $\frac{1}{4}$  sec. cor  
 79.86 Intersect N. S. line 25 rods S. of  
 cor. to Secs. 9, 10, 15 and 16,  
 from which cor. I run

S.  $89^{\circ}49' W.$ 

On true line between Secs. 9 &amp; 16.

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

39.93 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 pits 1 ft  
 deep, 2 ft long, 1 ft wide, as per  
 instructions for  $\frac{1}{4}$  sec. cor.  
 No trees near.

79.86 Cor to Secs 8, 9, 16 and 17.

Land level.

Soil, 1st Rate -

Grass.

No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains North, between Sections 8 and 9.

Variation 14° 34' East.

4000 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.

Apex of Cañon Butte bro. W. about half a mile dist.

8000 Set a sandstone 18 x 8 x 6 in. 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 sec. 4, 5, 8 and 9.

No tree near.

Sand level. Soil 1st Rate. Grass. No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 4 and 9.

Variation  $14^{\circ}37'$  East.

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. & S. line 12 Chs. S.  
 of cor. to Secs. 3, 4, 9 and 10,  
 from which cor. drawn

$S 89^{\circ}55' W.$

Put true line between Secs. 4 & 9  
 var.  $14^{\circ}37'$  East.

39.96 Set a sandstone  $15 \times 10 \times 5$  in.  
 $\frac{2}{3}$  in the ground, marked  $\frac{1}{4}$   
 and on the W. 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.

79.92 Cor. to Secs. 4, 5, 8 and 9.

Land level.

Soil 1st Rate.

Grass.

No timber.



Township 16 North Range 22 EastTela and Salt River Meridian.Chains North, on a <sup>True</sup>~~random~~ line between Sections 4 and 5.  
Variation 14° 3' 4" East.

4000 Set a sandstone  $22 \times 14 \times 4$  in.  
 3/4 in the ground, marked 74,  
 and on the N. build mound  
 of earth with pits 1 ft deep,  
 2 ft long, 1 ft wide, as per  
 instructions for 74 sec. cor.  
 No trees near.

79.80 Intersect 4<sup>th</sup> Standard N., at a  
 point 42.00 chs. N. of Standard  
 cor. to Secs. 32 and 33. Th. 17  
 N. range 22 E., lately set  
 by myself.

Set a sandstone  $29 \times 14 \times 3$ . one  
 foot in the ground, in bedrock,  
 properly notched, and on the  
 S. build mound of earth 2 ft  
 high, with pits 1 ft deep. 2 ft  
 long, 1 1/2 ft wide, as per in-  
 structions for closing cor. to  
 Secs. 4 and 5. No trees near.

Land uneven. Soil mostly poor.  
 Grass. No timber.

Township 16 North Range 22 East

W. Salt River Meridian.

Chains

North, between Sections 31 and 32.

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

- Find the cor. to secs. 31 and 32, on the S. boundary of the Township, to be a sandstone with 5 notches E. and 1 W., and on the W. a mound of stones.)
- 4000 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. from which
- A Cedar, 8 in dia. br. East 82 land dist.  
do. 7 " " " N. 80° W. 109 " "
- 8000 Set a post, marked and scathed, 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. 29, 30, 31 and 32.
- No trees near.

Sand uneven. Some wood soil  
Grass. Scattered cedar trees.

Township 16 North Range 22 East

Wab and Salt River Meridian.

Chains	East, on a random line between Sections 29 and 32.
	Variation 140° 37' East.
19.87	Bluff of rock, 50 feet high, br. NW & E.
23.90	Canyon of the Little Colorado, br. N. of N. and descend into it.
24.65	Little Colorado river, 90 lbs wide flows N. of N. and ascend out of canon.
27.00	Top and run on broken ground.
40.00	Set temporary 1/4 sec. cor. and enter more level ground.
79.97	Intersect N. & S line 24 lbs. N. of cor. to Secs. 28-29, 32 and 33. from which cor. I run N. 89° 50' W.
	On true line between Secs. 29 & 32. var. 140° 37' East
39.98	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.
79.97	Cor. to Secs. 29-30, 31 and 32. Land broken. Soil mostly poor. Gone. Scattering Cedar trees.



Township

16 North

Range

22 East

Gila and Salt River

Meridian.

Chains

West, on a random line between Sections 30 and 31.

Variation

140° 37'

East.

- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.00 Intersect N. boundary 26 cont. of  
 cor. to Secs. 30 and 31. This cor. I find  
 standing as originally established by  
 Dep. Sur. Foster, under his contract of Aug.  
 16, 1875, a sandstone, notched N. & S.  
 and a mound of stones on the N., and  
 thence I run  
 N. 89° 49' E.  
 On true line between Secs. 30 & 31,  
 var. 140° 37' E.
- 39.00 Set apart marked  $\frac{1}{4}$  S. 4 ft. long, flat-  
 tened 3 in. wide, 1 ft. in the ground,  
 drove 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  $\frac{1}{4}$  sec. cor.,  
 from which  
 A Cedar 12 in. dia. br. N. 79° E. 126 marked.  
 No other trees near.
- 79.00. Cor. to Secs. 29, 30, 31 and 32.  
 Land mostly level. Soil Good,  
 Grass. Scattering Cedar trees.

Township 16 North Range 22 East

Circle E Salt River Meridian.

Chains North, between Sections 29 and 30.

Variation 14° 34' East.

32.92 Canon of the Little Colorado river br. N. of W. The walls of this canon fall sheer 100 feet and are perfectly impassable and the line for 15.00 chs. N. crosses impracticable walls both along the river and to E. of it. I cannot cross. So I set here a sandstone 14 x 10 x 8 in. notched S E, and 1 W, and on the S. build mound of stones 2 ft high for witness cor. bet. secs. 29 + 30. No trees near. Thence I offset 15.00 chs. W. and thence run N. along the W. edge of the main canon and at 70.00 set back to line and <sup>N.</sup> edge of canon of Little Colorado river br. N.E. Set here a sandstone 17 x 14 x 3 in. notched E.W. and on the N. build mound of stones 2 ft high as per instructions for witnesses cor. between secs. 29 and 30. No trees near. The 14 sec. cor. cannot be set.

80.00 Set a post, marked & notched, 4 ft long. 3 in. dia. 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. 19, 20, 29 and 30. No trees near. Land broken. Soil worthless. No timber.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 20 and 29.

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

- 4.00 Cañon of the Little Colorado river with low mudwall br. N. and descend into it
- 4.18 Little Colorado river 95 hrs. wide flows N. and ascend.
- 5.50 Top and run on level ground.
- 4000 Set temporary  $\frac{1}{4}$  sec. cor.
- 80.18 Intersect N. & S. line 22 hrs. N. of cor. to secs. 20, 21, 28 and 29. from which cor. I run N.  $89^{\circ}51' W.$   
On true line between secs. 20 & 29  
var.  $14^{\circ}34' E.$
- 40.09 Set a post, marked  $\frac{1}{4}$  S.  $\frac{1}{4}$  ft. long, flattened 3 in wide flat in the ground. Drive charred stake and build mound of earth 1 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.
- 80.18 Cor. to secs. 19, 20, 29 & 30. Land mostly level. Soil Good. Grass. No timber.



Township 16 North Range 22 East

Gula & Salt River Meridian.

Chains

West, on a random line between Sections 19 and 30.

Variation 14° 37' East.

4000 Set temporary 1/4 sec. cor.  
 78.90 Intersect N. boundary 18 chs. N. of cor. to secs. 19 and 30. I find this cor. to be a sandstone properly notched, with mounds of earth and pits. and hence I run

N. 89° 52' E.

On true line between secs. 19 & 30

var. 14° 37' East

38.90 Set a sandstone 24 x 14 x 4 in. 3/4 in the ground, marked 1/4 and on the E. build mound of earth 2 ft high with pits 1 ft. deep 2 ft long. 1 ft wide, as per structure for 1/4 sec. cor. No trees near.

78.90 Cor to sec. 19, 20, 29 and 30.

Land sloping gently E.

Soil Good. Grass.

No timber.

June 30. 1879.

Township 16 North Range 22 East

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation  $14^{\circ} 37'$  East.

- 4.50 Little Colorado river, in high sand walls, 90 lbs. wide, flows N. W. Cross and ascend on N. side immediately to level ground.
- 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.
- 65.00 Steep wall of cañon of the Little Colorado river br. N. E. and descend into cañon.
- 70.50 Little Colorado river 95 lbs. wide, flows N. E.
- 80.00 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. 17, 18, 19 and 20.
- No trees near.  
Sand broken and level.  
Some good soil.  
Grass.  
No timber.

Township 16 North Range 22 East  
6th East River Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation $140^{\circ}37'$ East.
2.00	Little Colorado river 100 hrs. wide, flows N.E.
4.50	Ascend out of cañon of Little Colorado river br. N.E.
6.00	Run on high ground sloping E.
10.00	Dam on the Little Colorado river br.
	N. 9.00 chs. dist. This dam is in the mouth of the cañon and thence the river flows N.E. N. either open or in low mud banks.
25.61	Flagstaff at the settlement of Woodruff br.
	N. 13.18 chs. dist. The houses close immediately on this flagstaff in an L, to the N. & S. of it.
40.00	Set temporary $\frac{1}{4}$ sec. cor.
52.00	Road to Woodruff br. N. N.
65.37	Little Colorado road br. N. & S.
74.00	Ascend on ridge of mesa br. N.
80.14	Intersect N. & S. line 14 hrs N. of cor. to Secs. 16 & 17. 20 & 21, from which cor. down N. $89^{\circ}54'$ N. on true line between Secs. 17 & 20.
	var. $140^{\circ}37'$ East
40.07	Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, and built around a post 2 ft. high as per instructions for $\frac{1}{4}$ sec. cor. No trees near. The E. end of the conjoined houses at Woodruff br from this cor. N. $48^{\circ}30'$ N. 19.52 chs. dist., and the houses br thence N. 2.50 chs., thence N. 3.50 chs.
80.14	Cor. to Secs. 17, 18, 19 and 20. Land unimproved. Soil mostly 1st water. Grass. No timber.



Township

16 North

Range

22 East

Pila @ Salt River

Meridian,

Chains

West, on a random line between Sections 18 and 19.

Variation  $14^{\circ}37'$  East.

- 4.00 Ascend steep slope of cañon of the Little Colorado river br. N.E.
- 6.00 Run on level stony ground
- 12.00 Ground becomes slightly ascending. W. stones disappear and soil become good.
- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.
- 78.94 Intersect N.W. boundary 20 lks. N. of cor. to secs. 18 and 19. Find this cor. to be a sandstone with proper notches N. & S., and mound of earth and pits, and from this cor. I run N.  $89^{\circ}51'$  E. on true line bet. secs 18 & 19. var.  $14^{\circ}37'$  East.
- 38.94 Set a post, marked  $\frac{1}{4}$  S.  $4\frac{1}{2}$  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 instructions for  $\frac{1}{4}$  sec. cor. No trees near.
- 78.94 Cor. to secs 17, 18, 19 and 20.

Sand broken then level or slightly sloping E. Much good soil. Grass. No timber

Township 16 North Range 22 East

Gila & Salt River Meridian.

Chains North, between Sections 17 and 18.

Variation 140° 34' East.

2.50 Ascend out of cañon of the Little Colorado river br. N. of E.

4.00 Run on rolling and barren ground.

20.00 Ground becomes more even.

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 stone 2 ft high, as per instructions for 1/4 sec. cor. No trees near.

79.00 Descend bank into wash of the Little Colorado river, br. N.W. & S.E.

80.00 Cor. falls in measure ground. Set, 1.31 br. N., 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 witness cor. secs. 7, 8, 17 and 18. No trees near.

Land uneven.

Some good soil.

Grass.

No timber.

Township 16 North Range 22 East

Gila & Salt River

Meridian.

Chains	East, on a random line between Sections 8 and 17.
	Variation $14^{\circ}37'$ East.
	(From true point of cor. to Secs. 7, 8, 17 & 18.)
1.12	Little Colorado river, 50 chains wide. flows N. W. in low sand banks.
17.94	Little Colorado road br. N. W. & S. E.
4.00	Set temporary 1/4 sec. cor.
79.91	Intersect N. & S line 15 chs. N. of cor. to Secs. 8, 9, 16, and 17. from which cor. drawn N. $89^{\circ}54'$ W.
	On true line between Secs. 8 & 17, var. $14^{\circ}37'$ East
39.95	Set a post, marked 1/4 S. 24 ft long, flattened 3 in wide, 1 ft in the ground, two chined 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.
49.91	Cor. to Secs. 7, 8, 17 and 18. Sand level. Soil 1st rate. No timber.



Township

16 North

Range

22 East

Gla. Salt River

Meridian.

Chains

West on a random line between Sections 7 and 18.

Variation

143° 34'

East.

(From true point of cor. to sees. 7, 8, 17 &amp; 18.)

4000 Set temporary 1/4 sec. cor.

78.88 Intersect N. boundary 23<sup>rd</sup> line N. of cor. to sees. 7 and 18. I find this cor. to be a sandstone, properly notched, with a mound of earth and pits. And from this cor. I run

N. 89° 50' E.

On true line between sees. 7 &amp; 18.

var. 143° 34' E.

38.88 Set a sandstone 24 x 12 x 5 in. 3/4 in the ground, marked 1/4, and on the E. build mound of stones of high as per instructions for 1/4 sec. cor. from which

A Cedar 10 in. dia. br. N. 10° E. 70 lbs. dist.

do. 12 " " " S. 12° E. 90 " "

78.88 Cor. to sees. 7, 8, 17 and 18.

Land slightly descending E.  
Much good soil. Grass.  
Scattering Cedar trees.

Township

16 North

BOOK  
Range

22 East

Pole &amp; Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation

140° 27'

East.

(From some point of sec. 7, 8, 17 &amp; 18)

- 3.00 Little Colorado river, 40 ft wide,  
flows N. W. in low mud banks.
- 23.80 Little Colorado road br. NW. & SE.
- 40.00 Set a sandstone  $17 \times 7 \times 6$  in.  $\frac{1}{2}$  in  
the ground, marked 14, and on the N.  
build mound of earth 2 ft high with pits  
1 ft deep, 2 ft long, 4 ft wide, as per instru-  
tion, for 14 sec. cor. No trees near.
- 50.00 Bluff br. N. W. & SE. and ascend
- 54.29 Top of ascent and descend to  
rolling ground br. NW. & SE.
- 80.00 Set a sandstone  $19 \times 8 \times 5$  in.  $\frac{3}{4}$   
in the ground, properly notched,  
and on the N. build mound of  
stones 2 ft high, as per instru-  
tion for cor. to secs. 5, 6, 7 and  
8. No trees near.

Land mostly unweeded,  
Some good soil. Grass.  
No timber.

Township

16 North Range 22 East

Gila and Salt River

Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation  $14^{\circ}37'$  East.4000 Set temporary  $\frac{1}{4}$  sec cor.80.11 Intersect N. & S. line 16 lvs. N. of  
cor. to secs. 4, 5, 8 and 9, from  
which cor. drawnN.  $89^{\circ}53' W.$ 

On true line between sec. 5 &amp; 8.

var.  $14^{\circ}37' E.$ 40.05 Set a sandstone  $14 \times 10 \times 5$  in. $\frac{2}{3}$  in the ground, marked  $\frac{1}{4}$   
and on the W. build mound  
a few ft high, with pits  
 $\frac{1}{2}$  ft deep, 2 ft long, 4 ft wide as per  
instructions for  $\frac{1}{4}$  sec. cor.

No trees near.

80.11. Cor. to secs. 5, 6, 7 and 8.

Land along N. foot of Cañon  
Butte. Soil poor for most part.  
Grass. No timber.



Gila and Salt River Meridian

Chains

West, on a random line between Sections 6 and 7.

Variation  $14^{\circ}37'$  East.

- 4.62 Little Colorado road to N.W. & S.E.
- 29.60 Little Colorado river, 100 lbs wide,  
flow. N.W.
- 4000 Set temporary 1/4 sec. cor.
- 79.10 Intersect N. boundary 35. lbs.  
N. of cor. to secs. 6 and 7. I found this  
cor. to be a post properly marked  
and set in mound of stones; and  
from this cor. run  
N.  $89^{\circ}45' E$   
true line between secs. 6 & 7.  
var.  $14^{\circ}37' E$ .
- 39.10 Set a post, marked 1/4 S. 4 ft long,  
flattened 3 in wide, & set 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 1/4 sec. cor.  
from which  
A Cedar, 6 in dia. to N.  $81^{\circ} E$ . 79 lbs. dist  
No other trees near.
- 79.10 Cor. to Secs. 5, 6, 7 and 8  
Sand uneven. Soil mostly poor.  
Grass. A few Cedar trees.

Township 16 North Range 22 East

Plata and Salt River Meridian.

Chains True North, on a ~~wooden~~ line between Sections 5 and 6.

Variation 14° 37' East.

40.00 Set a sandstone 25 x 12 x 3 in. 12 in in the ground, on bedrock, marked "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 14 sec. cor. No trees near.

79.70 Intersect 4" Standard N., at a point 42.18 chs. N. of Standard Cor. to Secs. 31 + 32. Twp. 17 N. Range 22 E., lately set by myself.

Set a Sandstone 23 x 13 x 3 in. 3/4 in the ground, properly notched and on the S. build mound of Earth 2 ft high, with pits 1 ft deep 2 ft long. 1 1/2 ft wide as per instructions for closing cor. to Secs. 5 and 6.

No trees near.

Land uneven. Some good seed grass. No timber.

July 1, 1879.

## GENERAL DESCRIPTION.

There is a considerable body of fine agricultural land in Township 16 N. Range 22 E., and sufficient water in the township to irrigate the same.

The only settlement at present is at Woodruff, in the S. E.  $\frac{1}{4}$  of sec. 17, where some 10 houses have been built conjointly by a colony of Mormons. They have built their dam but have not yet got their water out but will do so upon the arrival of shortly expected accessions to their number.

There is a large lagoon of water in secs. 16 and 17.

There is but little timber in the township.

I found no mineral land in this township.

J. L. Harris

U.S. Dep. Surveyor.



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

The Subdivision Lines  
of Township 16 North  
Range 22 East of  
the Gila and Salt River  
Meridian Arizona.

Showing the respective capacities in which they acted.

Richard Shrope Chainman.

G. A. Oldshue Chainman,

Geo. McNeal } Axeman.  
B. Palm }

Ernesto Saing. Flagman.

65  
 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.

*Joel Harris*  
 Deputy Surveyor.

Sworn to and subscribed before me, this 25<sup>th</sup> day of September, 1879

*John T. Farrell*  
 Notary Public.



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

November 8, 1877

The foregoing Field Notes of the surveys of  
 the Subdivision Lines of  
 Township 16 North  
 Range 27 East,

Gila Salt River Meridian  
~~State of California~~  
 in the State of California executed by

John L. Stearns

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