

BOOK 628

628

F I E L D   N O T E S  
O F   T H E   S U R V E Y   O F   T H E  
S U B D I V I S I O N   L I N E S  
O F

Township 4 South, Ranges 29 & 30  
East.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By Theo F. White, D.S., under  
Contract dated Oct. 17, 1881.  
Survey commenced Feb. 8, 1882.  
Survey completed Feb. 16, 1882.

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INDEX DIAGRAM.

1A

BOOK 628

Township *H South*

Range *29 East*

6	5	4	3	2	12	1
						10
7	8	9	10	11	9	12
						7
18	17	16	15	14	6	13
						4
19	20	21	22	23	3	24
						1
30	29	28	27	26		25
31	32	33	34	35		36

Gila and Salt River, Arizona.

ARIZONA.

1B  
 Preliminary Oaths of Assistants.

We, *J. H. McClure*  
 and *J. O. Ford*

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability and in accordance with the instructions given us

*in surveying all those parts or portions of the subdivision line of Tps. 4 S. Range 29 & 30 East Gila and Salt River Meridian and Base Lines*

*J. H. McClure*  
*J. O. Ford*  
~~*John Blatter*~~

Sworn to and subscribed before me, this *23<sup>rd</sup>* day of *January*, 188*2* *Paul Rice Esq*  
 Notary Public Pima  
 County Arizona.



We,

John Blake, Samuel R. Pelt

and Joseph Schwarz

do solemnly swear that we will well and truly perform the

duties of Assessor, Flagman and

Recorder respectively

in the establishment of corners and other duties according to instructions given us, and to the best of our skill and ability.

in surveying all those parts or portions

of the Subdivision line of Twp. 4 South

Ranges 29 & 30 East, Gila and Salt

River Meridian and Base line

John Blake Assessor

Samuel R. Pelt Flagman

Joseph Schwarz Recorder

Sworn to and subscribed before me this 23<sup>rd</sup> day of

January, 1882

Paul Piccker

Notary Public Pima Co.

Arizona.



No. 628

BOOK 628

10

Subdivision T. 4 S. R. 29 E.  
Gila & Salt River Meridian

Survey commenced February  
15, 1882. with a Burts im-  
proved Solar Compass.

There is only a little strip  
of this township in the N. E.  
cor. that is surveyable,  
The land for the most part  
is worthless, all of it is mount-  
ainous and broken.

I commence at the cor. to  
Secs. 19. 24. 25 & 30. on the  
E. Boundary of the township  
which is a part 4 in. square,  
marked

T. 4 S. S. 19. on N. E.

R. 30 E. S. 30 on S. E.

R. 29 E. S. 25. on S. W. and

S. 24 on N. W. faces, with 4 notches

## Subdivisions, T. 4 S. R. 29 E. continued

chains

on north + 2 notches on S. edges  
and mound of stone alongside.  
Thence 3 mn.

West on a true line bet.  
Secs. 24 + 25.

Var.  $12^{\circ} 30' E$

as per Burto Solar Compass.

40.00 Set a Porphyry rock  $14 \times 10 \times 5$   
ins. 10 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N.  
face, dug pits  $18 \times 18 \times 12$  ins.  
E. + W. of stone  $5 \frac{1}{2}$  ft. dist.  
and raised a mound of  
earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. base,  
alongside.

80.00 Set a Porphyry rock  $15 \times 8 \times 7$  ins.  
10 ins. in the ground, for cor. to  
Secs. 23. 24. 25 + 26. marked  
with 2 notches on S. and 1



## Subdivisions, T. 4 S. R. 29 E. continued

chains

notch on E. edge, dug pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high, 4 ft. base alongside. Land mountainous & very broken, Soil rocky & poor.

No timber of any consequence. West & south of here the land is not surveyable.

North bet. Secs. 23 & 24

Var.  $12^{\circ} 30' E.$

4000 Set a porphyry Rock  $13 \times 9 \times 5$  ins. 9 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, dug pits  $18 \times 18 \times 12$  ins. N. & S. of stone,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth

## Subdivisions T. 4 S. R. 29 E. continued

chains

1½ ft. high, 3½ ft. base alongside.  
 80.00 Set a porphyry rock 15 × 10 × 6 ins.  
 10 ins. in the ground, for cor.  
 to Secs. 13, 14, 23 & 24. marked  
 with 3 notches on S. and 1 notch  
 on E. edges, dug pits 18 × 18 × 12  
 ins. in each sec. 5½ ft. dist.  
 and raised a mound of earth  
 2 ft. high, 4½ ft. base alongside.  
 Land unmountainous & broken.  
 Soil poor & worthless  
 No timber.

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East on random line bet.  
 Secs. 13. & 24.

Var. 12° 30' E.

40.00 Set temporary ¼ sec. cor.  
 80.35. Intersect E. By of township



## Subdivisions T. 4 S. R. 29 E. continued

chains

19 lbs S. of cor. to secs. 13. 18. 19 +  
24. which is a limestone 18 + 8 + 6  
ins. firmly set in the ground,  
marked with 3 notches on  
N + S. edges, and mound of  
stone alongside,

Hence 10 mi.

S. 89° 52' W. on a true line,  
bet. Secs. 13 + 24, with same va.

40.17 Set a porphyry rock 12 + 9 + 7 ins.  
8 ins. in the ground, for 1/4 sec.  
cor. marked 1/4 on N. face, dug  
pits 18 + 18 + 12 ins. E + W. of  
stone, 5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base alongside,

80.35 The cor. to Secs. 13. 14. 23 + 24  
Land unmountainous & very broken  
Soil poor & worthless  
No timber.

## Subdivisions S. 4 S. R. 29 E. continued

chains

North bet. Secs. 13 &amp; 14

Var.  $12^{\circ} 30' E!$ 

40.00 Set a porphyry rock  $14 \times 10 \times 6$  ins. 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, dug pits  $18 \times 18 \times 12$  ins. N & S. of stone,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base alongside,

80.00 Set a granite stone  $15 \times 9 \times 5$  ins. 10 ins. in the ground, for cor. to Secs. 11, 12, 13 & 14, marked with 4 notches on S. & 1 notch on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.  $5\frac{1}{2}$  ft. dist. and raised mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base alongside, Land mountainous & very broken.

## Subdivision S. 4 S. R. 29 E. continued

chains

Soil poor.

No timber of any consequence.

East on random line bet.  
Secs. 12 + 13.

Var.  $12^{\circ} 30' E$ ,

crossing San Francisco  
River, descend steeply over  
broken surface,

- 46.00 Set temporary  $\frac{1}{4}$  sec. cor.  
46.40 Ridge 300ft. high extending S. E.  
49.00 Trail course S. W. & N. E.  
51.60 Top of high ridge & descend into  
Bottom  
70.30 Road along bottom course S. E.  
70.60 Ditch for water pipe course S. E.  
80.19 Intersect E. Boundary of  
township 30 lbs N. of cor. to Secs



## Subdivisions P. 4 S. R. 29 E. continued

Chains

7.12. 13 x 18 which is a  
 Porphyry rock 14 x 9 x 7 ins.  
 10 ins in the ground, marked  
 with 2 notches on N. & 4  
 notches on S. edges, and  
 mound of stone 3 1/2 ft. high  
 alongside.

Thence I run

↓ N. 89° 47' W. on a true line  
 bet. Secs. 12 & 13. with same va.

14.88 Left Bank of San Francisco  
 River come S. E. set witness  
 post. set flag on opposite side  
 in line, measure off base  
 200 lks South from which flag  
 br. N. 58° 28' W. distance 3.24 chs or.

18.12 Right Bank, set witness post.

40.09 Set a granite stone 16 x 12 x 6  
 ins. 11 ins. in the ground

## Subdivisions T. 4 S. R. 29 E. continued

chains

for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
N. face, and raised a mound  
of stone alongside, Pits  
impracticable.

80.19 The cor. to Secs. 11. 12. 13 + 14  
Land mountainous & broken,  
a little good soil along River both <sup>ways</sup>  
Some Cottonwood along River.  
February 15, 1882.

North bet. Secs. 11. + 12.

Var.  $12^{\circ} 30' E.$

4000 Set a granite stone  $16 \times 8 \times 7$   
ins. 11 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
N. face, dug pits  $18 \times 18 \times 12$   
ins. N x S. of stone,  $5 \frac{1}{2}$  ft.  
dist. and raised a mound

## Subdivisions P. 4 S. R. 29 E. continued

chains

of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft.  
base alongside.

8000 Set a porphyry rock  $14 \times 8 \times 6$   
ins.  $10$  ins. in the ground,  
for cor. to Secs. 1, 2, 11 & 12.

marked with 5 notches on  
S. and 1 notch on E. edges,  
dug pits  $18 \times 18 \times 12$  ins. in each  
sec.  $5\frac{1}{2}$  ft. diet. and raised  
a mound of earth  $4\frac{1}{2}$  ft. high,  
 $4\frac{1}{2}$  ft. base alongside.

Land mountainous & very  
broken

Soil poor & rocky

No timber of any consequence.

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Cast on a random line  
bet. Secs. 1 & 12.



## Subdivisions T. 4 S. R. 29. E. continued

chains

Var.  $12^{\circ} 30' E$ 

40.00 Set temporary  $\frac{1}{4}$  Sec. cor.  
 80.41 Intersect E. Boundary of  
 township at 29 lks S. of cor.  
 to Secs. 1, 6, 7 & 12, which is a  
 Post 4 ins. square, marked -  
 $\frac{7}{4}$  S.  $\frac{6}{12}$  on N.  $\frac{12}{7}$   
 R.  $30^{\circ} E$ . S. 7 on S. E.  
 R 29 E. S. 12 on S. W. and  
 S. 1 on N. W. faces, with 1  
 notch on N. & 5 notches on  
 S. edges, and mound of stone  
 around post.

Spence Iron

S.  $89^{\circ} 48' W$ . on a true line,  
 bet. Secs. 1 & 12, with same os.

40.20 Set a porphyry rock  $13 \times 11 \times 5$  ins.  
 9 ins. in the ground, for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face,  
 dug pits  $18 \times 18 \times 12$  ins. E & W.

## Subdivisions T. 4 S. R. 29 E. continued

chains

of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base, alongside.

80. 41 The cor. to Secs. 1, 2, 11 & 12  
Land unmountainous & broken  
Soil poor & rocky  
No timber of any consequence.
- 

North on random line,  
bet. Secs. 1 & 2.

Var. 12° 30' E.

- 4000 Set temporary 1/4 sec. cor.  
80. 32 Intersect north Boundary  
of township at 41 lks N. of  
cor. to Secs. 1, 2, 35 & 36.  
which is a volcanic rock

## Subdivisions N. 4 S. R. 29 E. continued

Chains

13 x 9 x 6 ins. firmly set in the ground marked with 1 notch on E. & 5 notches on W. edge, with pits in each sec. 5 1/2 ft. dist. and mound of earth 2 ft high, 4 1/2 ft base alongside.

Thence 9 mi

S. 0° 18' W. on a true line, bet. Secs. 1. & 2. with same va.

40.32 Set a granite rock 13 x 10 x 5 ins. 9 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N x S. of stone, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, alongside.

80.32 The cor. to Secs. 1. 2. 11. & 12.  
Land mountainous & precipitous  
Soil poor & rocky



Subdivisions T. 4 S. R. 29 E. continued

No timber of any consequence.

There is nothing further in this township surveyable

February 16. 1882,

## Subdivisions T. 4 S. R. 29 E. continued

## General Description

The strip along the eastern portion of this township that is surveyed, lies along the West side of the San Francisco River, in the Petahaya Mountains.

The land is only valuable for minerals

Theodore J. White  
U. S. Dep. Surveyor.

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BOOK 628  
INDEX DIAGRAM.

Township 4 S.

Range 30 E.

6	35	5	9	4	3	2	1
32		31					
7	30	8	8	9	10	11	12
28		27					
18	26	17	6	16	15	14	13
23		22					
19	21	20	5	21	22	23	24
18x		17					
30	16	29	4	28	27	26	25
15		13					
31	//	32	3	33	34	35	36

Gila and Salt River, Arizona.

ARIZONA.



Subdivisions T. 4 S. R. 30 E.  
Gila & Salt River Meridian

Survey commenced February  
8. 1882, with a Burt's improv-  
ed Solar Compass

From the cor. to Secs. 4. 5.  
32 & 33 on S. By. of the Town-  
ship, which was just recently  
established by me, and which  
is a granite stone 14+9+6 ins.  
firmly set in the ground marked  
with 4 notches on E & 2 notches  
on W. edges, and mound of  
stone alongside from which

A Juniper 6 ins. diam. br. S. 57° E. 22 lks dist.  
marked T. 5 S. R. 30 E. S. 4 B. T.

A Juniper 6 ins. diam. br. S. 62½° W. 14 lks dist  
marked T. 5 S. R. 30 E. S. 5 B. T.

A Juniper 5 ins. diam. br. N. 60° W. 57 lks dist  
marked T. 4 S. R. 30 E. S. 32 B. T.

Thence I run.

## Subdivisions T. 4 S. R. 30 E. continued

chains

North bet. Secs. 32 &amp; 33.

Var.  $12^{\circ} 30' E.$ as per Burto improved Solar  
Compass.

Descending

- 10.00 Descend into Cañon course W.
- 18.00 Road from Clifton to Silver City etc  
course E. & leave Cañon ascending  
steeply.
- 40.00 Set a porphyry rock  $12 \times 10 \times 8$  ins.  
8 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on W. face,  
dug pits  $18 \times 18 \times 12$  ins. N & S.  
of stone  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  $1\frac{1}{2}$   
ft. high,  $3\frac{1}{2}$  ft. base alongside.
- 80.00 Set a porphyry rock  $15 \times 8 \times 7$  ins.  
9 ins. in the ground, for cor. to  
Secs. 28, 29, 32 & 33. marked

## Subdivisions T. 4 S. R. 30 E. continued

Chairs with 1 notch on S & 4 notches on E edges, dug pits 18+18+12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside. Land mountainous & very broken.

Soil rocky & poor.

No timber of any consequence, further East the land is not arable.

Therefore Iron.

North bet Secs. 28 & 29.

Var. 12° 30' E.

4000 Set a porphyry rock 13+10+6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18+18+12 ins. N & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1/2 ft.



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## Subdivisions N. 4 S. R. 30 E. continued

chains, high  $3\frac{1}{2}$  ft. base alongside.  
 80.00 Set a porphyry rock  $14 \times 9 \times 5$  ins.  
 10 ins. in the ground for cor.  
 to Secs. 20. 21. 28 & 29, marked  
 with 2 notches on S. and  
 4 notches on E. edges, dug  
 pits  $18 \times 18 \times 12$  ins. in each  
 sec.  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth 2 ft high  
 $4\frac{1}{2}$  ft. base alongside.  
 Land unmountainous & broken  
 Soil rocky & poor.  
 No timber of any consequence.

Another East the land is  
 worthless & not surveyable.

Therefore I run  
 north bet. Secs. 20 & 21.

Var.  $12^{\circ} 30' E!$

## Subdivision N. 4 S. R. 30 E. continued

chains

4000 Set a porphyry rock  $15 \times 10 \times 6$  ins.  
 10 ins. in the ground, for  $\frac{1}{4}$  sec  
 cor. marked  $\frac{1}{4}$  on N. face, dug  
 pits  $18 \times 18 \times 12$  ins. N & S. of  
 stone  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside.

8000 Set a quartzite rock  $19 \times 10 \times 5$   
 ins. 9. ins. in the ground,  
 for cor. to Secs. 16. 17. 20. 21 marked  
 with 3 notches on S  $\frac{1}{2}$  N. edge, <sup>and 4 notches on</sup>  
 dug pits  $18 \times 18 \times 12$  ins. in each  
 sec.  $5\frac{1}{2}$  ft. dist. and raised a  
 mound of earth 2 ft. high,  
 $4\frac{1}{2}$  ft. base alongside.  
 Land mountains & broken.  
 Soil rocky & poor.  
 No timber of any consequence.

## Subdivision S. 4 S. R. 308. continued

chains

Further E. the land is worthless and not surveyable.

I run therefore

North bet. Secs. 16 & 17

Var.  $12^{\circ} 30' E.$

40.00 Set a quartzite rock  $12 \times 10 \times 9$  ins. 8 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, dug pits  $18 \times 18 \times 12$  ins.

N. & S. of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base alongside.

80.00 Set a granite stone,  $14 \times 8 \times 7$  ins. 10 ins. in the ground, for cor. to Secs. 8 & 9, 16 & 17. marked with 4 notches on S. & 4 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist.



## Subdivisions T. 4 S. R. 30 E. continued

chain

and raised a mound of earth 2 ft. high, 4 1/2 ft. base alongside.

Land mountainous & broken  
Soil poor & rocky  
No timber.

February 9, 1882.

Further E. the land is worthless and not surveyable.

From therefore,  
North bet. Secs. 8 & 9.

Var.  $12^{\circ} 30' E.$

4000 Set a granite stone  $14 \times 10 \times 7$  ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits  $18 \times 18 \times 12$  ins.

N & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft.

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## Subdivisions P. 4 S. R. 30 E. continued

chain  
 8000 high,  $3\frac{1}{2}$  ft. base alongside.  
 Set a porphyry  $15 \times 10 \times 6$  ins.  
 10 ins. in the ground, for cor.  
 to Secs. 4, 5, 8 & 9, marked  
 with 5 notches on S. & 4 notches  
 on E. edges, dug pits  $18 \times 18 \times 12$   
 ins. in each sec.  $5\frac{1}{2}$  ft. dist.  
 and raised a mound of  
 earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 alongside,  
 Land unmountainous & broken  
 Soil poor & stony  
 No timber of any consequence.

Further E. the land is worth-  
 less & not surveyable.

I run therefore,

North on random line bet.

Secs. 4 & 5.

Var.  $12^{\circ} 30'$  E.

4000

Set temporary  $\frac{1}{4}$  Sec. cor.

## Subdivisions N. 4 S. R. 30 E. continued

chairs  
80.34 Intersect north boundary of township. at 51 lks N. of cor. to Secs. 4, 5, 32 & 33, which is a Porphyry rock 12 x 10 x 7 ins, firmly set in the ground, with pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and mound of earth 4 1/2 ft. high, 4 1/2 ft. base alongside thence S. on.

S. o. 38 N. on a true line, bet. Secs. 4 & 5, with same va.

40.34 Set a porphyry rock 12 x 9 x 6 ins. 8 ins. in the ground, for 1/4 sec cor. marked 1/4 on N. face dug pits 18 x 18 x 12 ins. N + S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.



## Subdivisions N. 4 S. R. 30 E. continued

chains

80.34 The cor. to Secs. 4, 5, 8, 9.  
Land unmountainous soil  
poor, stony  
No timber of any consequence  
February 10, 1882.

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From the Corner to Secs. 3, 6,  
31 & 32, on South Boundary  
of the township, which is a  
quartzite rock 14 x 10 x 6 ins.  
firmly set in the ground  
with pits 18 x 18 x 12 ins. in  
each sec. 5 1/2 ft. dist. and  
mound of earth 2 ft. high  
4 1/2 ft. base along side  
Thence I run  
North bet. Secs. 31 & 32

## Subdivisions T. 4 S. R. 30. E. continued

chains

Var.  $12^{\circ} 30' E.$ 

Descend steeply to Cañon

25.00 Enter Cañon <sup>course</sup> West.

28.00 Road from Silver City etc to Clifton course W. & leave cañon & ascend. (a quarter of a mile west of here where cañon runs into valley of San Francisco River, there are a number of houses, at River crossing.

40.00 Set a quartzite rock  $13 \times 8 \times 7$  ins. 8 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, dug pits  $18 \times 18 \times 12$  ins. N. & S. of stone,  $5\frac{1}{2}$  ft. dist. and raised a mound of stone alongside.

45.00 Top of high ridge, 400 ft. high, extending S. of W.

60.00 Descend from Bluff course S.W.

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## Subdivisions P. 4 S. R. 30 E. continued

- chains
- 69.24 Top of rocky Bluff extending E. W.
- 73.00 Top of ridge extending S. W.
- 80.00 Set a post 4 ft. long 4 ins. square,  
with marked stone 12 ins.  
in the ground, for cor. to Secs.  
29, 30, 31 & 32 marked,  
P. 4 S. S. 29 on N. E  
R. 30 E. S. 32 on S. E  
S. 31 on S. W and  
S 30 on N. W. faces, with  
1 notch on S. & 5 notches on  
Edges, dug pits 18 x 18 x 12 ins.  
in each sec. 5 1/2 ft. dist. and  
raised a mound of stone  
around post  
Land unmountainous  
Soil rocky & poor  
No timber.



## Subdivisions T. 4 S. R. 30 E. continued

chains

East on random line bet Secs.  
29 + 32

40.00 Set temporary <sup>Var. 12° 30' E.</sup>  $\frac{1}{4}$  sec. cor.

80.17 Intersect h + S. line 31 lks N. of  
cor. to Secs 28. 29. 32 + 33

Thence Iron

N. 89° 47' W. on a true line  
bet. Secs. 29 + 32 with same va.

40.08 Set a porphyry rock 14 + 9 + 5 ins.  
10 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face,  
dug pits 18 + 18 + 12 ins. E + W.

of stone 5  $\frac{1}{2}$  ft. dist. and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high,  
3  $\frac{1}{2}$  ft. base alongside.

80.17 The cor. to Secs. 29. 30. 31 + 32  
Land mountainous & broken  
soil poor & rocky  
No timber.

29

## Subdivisions N. 4 S. R. 30 E. continued

chains

West on a random line  
bet. Secs. 30 + 31

Var.  $12^{\circ} 30' E$

Crossing San Francisco River

Descend steeply, broken surface

23.10 Top of rocky bluff + descend,  
more steeply.

26.00 Bottom of bluff + enter valley  
of San Francisco River

shown stands 3 chs S. E. at foot of bluff

31.50 A number of horses stand about  
12 chs N.

33.50 Road come S. W. than S.

39.00 Ascend Bluff Bank

40.00 Set temporary  $1/4$  sec. cor.

80.21 Intersect W. Boundary of  
township 18 lks S. of cor. to Secs.

25. 30. 31 + 36. which is a  
Porphyry rock 18 + 12 + 8 ins.

Subdivisions N. 4 S. R. 30 E. continued 30

chains

firmly set in the ground,  
marked with 5 notches on N.  
& 1 notch on S. edges, and mound  
of stone alongside.

Thence I run

S  $89^{\circ} 52'$  E. on a true line bet.  
Secs. 30 & 31. with same va.

40.21 Set a porphyry rock  $18 + 12 + 4$  ins  
12 ins. in the ground, for  $1/4$  Sec.  
cor. marked  $1/4$  on N. face, and  
raised a mound of stone along-  
side. Pits impracticable.

51.00 To right bank of San Francisco  
River course S. W. set post for  
witness point, set flag on line  
on opposite side measure  
base 100 lbs N. from which  
flag bears S.  $57^{\circ} 22'$  E. therefore  
distance to flag 1.25 lbs or  
52.25 to left bank of River, set



## Subdivision N. 4 S. R. 30 E. continued

chains

- Post for witness point,  
 80.21 The cor. to Secs. 29, 30, 31 & 32  
 Land mountainous & very  
 broken  
 Soil poor & rocky  
 No timber.
- 

North bet. Secs. 29 &amp; 30.

Var.  $12^{\circ} 30' E$ .

- 40.00 Set a quartzite rock  $13 \times 9 \times 5$   
 ins. 9 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
 W. face, dug pits  $18 \times 18 \times 12$   
 ins. N. & S. of stone,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth  
 $1\frac{1}{2}$  ft high,  $3\frac{1}{2}$  ft. base alongside.
- 80.00 Set a porphyry rock  $14 \times 10 \times 6$  ins  
 10 ins. in the ground, for cor.

## Subdivision S. 4 S. R. 30 E. continued

chains

to Secs 19, 20, 29, & 30 marked  
with 2 notches on S. & 5 notches  
on E. edges, dug pits 18+18+12  
in. in each sec. 5/8 ft. dist.  
and raised a mound of earth  
2 1/2 ft. high 5 ft base alongside.  
Land mountainous & very  
broken

Soil poor & rocky  
No timber.

---

East on a random line bet.  
Secs. 20 & 29.

Var.  $12^{\circ} 30' E.$

40.00 Set temporary 1/4 sec. cor.

80.27 Intersect N x S. line 18 lks

S. of cor. to Secs. 20, 21, 28 & 29.

Thence 3 nm.

33

## Subdivision N. 4 S. R. 30 E. continued

chain

- S.  $89^{\circ} 52' W.$  on a true line  
bet. Secs. 20 & 29, with same va.
- 40.13 Set a quartzite rock  $14 \times 9 \times 6$  ins.  
10 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face,  
dug pits  $18 \times 18 \times 12$  ins. E & W.  
of stone  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base alongside.
- 80.27 The cor. to Secs. 19, 20, 29, 30  
Land mountainous & broken  
Soil poor & stony  
No timber.

---

\* West on random line bet.  
Secs. 19 & 30  
Var.  $12^{\circ} 30' E.$   
Crossing San Francisco River



## Subdivisions T. 4 S. R. 30 E. continued

chains

Descend very steeply, over broken surface.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 Descend steeply along N. slope of high round mountain the peak of which is just south of line

58.30 House of G. M. Bonnell 300 lks S.

60.98 Ditch of Longfellow M. Co. & Bluff Bank course S. E. Ascend

63.10 Top of bluff ascend less steeply.

80.18 Intersect W. Boundary of township 24 lks S. of cor. to Secs. 19.

24, 25 & 30. which is a Post 4 ins. square, marked -

T. 4 S. S. 19 on N. E.

R. 30 E. S. 30. on S. E.

R. 25 on S. W. and

S. 24 on N. W. faces, with 4 catches

35  
 Subdivision N. 4 S. R. 30 E. continued

chains

on N. & 2 notches on S. edges,  
and mound of stone alongside -  
Thence Iron.

S.  $89^{\circ}50'E$ . on a true line, bet.  
secs. 19 & 30. with same va.

40.18 Set a post 3 ft. long 3 ins. square,  
with marked stone 12 ins. in the  
ground, for  $\frac{1}{4}$  Sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, and raised a  
mound of stone around post  
from which

A juniper 12 ins. diam. br. N.  $70^{\circ}N$ . 23 lks dist.  
marked  $\frac{1}{4}$  S. B. P.

23. 43 To right Bank of San Francisco River  
course South set post for witness  
point and set flag on line on  
opposite side, measure of base  
200 lks S. from the end of which  
flag br. N.  $46^{\circ}E$ . distance across

36

## Subdivision N. 4 S. R. 30 E. continued

chains

25.50 River is therefore 2.07 chs. or.  
 West Bank set post for witness  
 point.

80.18 The cor. to Secs. 19.20.29 & 30.  
 Land mountainous & very broken,  
 no timber,  
 a little good soil along river.  
 February 18. 1882.

---

North bet. Secs. 19 & 20.

Var.  $12^{\circ} 30' E$ .

4000 Set a porphyry rock  $13 \times 10 \times 5$  ins.  
 9 ins. in the ground, for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face,  
 dug pits  $18 \times 18 \times 12$  ins. N & S.  
 of stone 5 ft. dist. and raised  
 a mound of earth 1 ft. high,  
 3 ft. base, alongside.



37

## Subdivision N. 4 S. R. 30 E. continued

chains

80.00

Set a porphyry rock  $15 \times 9 \times 5$  ins.  
 10 ins. in the ground, for cor.  
 to Secs. 17, 18, 19 & 20. marked  
 with 3 notches on S. and  
 5 notches on E. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft.  
 dist. and raised a mound  
 of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 alongside.

Land mountainous & broken  
 Soil poor & stony.  
 No timber.

East on random line bet.  
 Secs. 17 & 20

Var.  $12^{\circ} 30' E.$

40.00 Set temporary  $1/4$  sec. cor.

79.90 Intersect N + S line 19 lbs

## Subdivision N. 4 S. R. 30 E. continued

chains

S. of cor. to Secs. 16, 17, 20 & 21  
Thence 9 mi.

S.  $89^{\circ}52'$  W. on a true line bet.  
Secs. 17 & 20. with same or -

39.95 Set a quartzite rock  $12+9+6$  ins.  
8 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N face,  
dug pits  $18+18+12$  ins. Et W.

of stone  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside.

79.90 The cor. to Secs 17, 18, 19 & 20.  
Land mountainous & broken  
Soil poor & stony  
No timber.

West on random line bet.  
Secs. 18 & 19.

Cor.  $12^{\circ}30'$  E.

39

## Subdivisions N. 4 S. R. 30 E. continued

chains

- Descend over broken surface  
 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 Descend rocky slope into bottom  
 59.00 Road along Bottom com<sup>th</sup> N + S.  
 62.50 Leave bottom & ascend steep  
 rocky slope & over broken surface.  
 79.80 Intersect W. boundary of town-  
 ship. 16 lbs north of cor. of Secs.  
 13. 18. 19 & 24 which is a lime-  
 stone  $18 \times 8 \times 6$  in, <sup>firmly set in the ground</sup> marked with  
 3 notches on N + S. edges, and  
 mound of stone alongside,  
 from which  
 a Gunniper 16 ins. dia. to S.  $21\frac{1}{4}^{\circ}$  W. 251 lbs redist  
 marked N. 4 S. R. 29 E. S. 24. B. T.  
 Hence I run  
 N  $89^{\circ} 53'$  E. on a true line bet.  
 Secs. 18 & 19. with same va.  
 22.55 To right bank San Francisco



Subdivisions T. 4 S. R. 30 E. continued

Chains

River course S. E. set post for witness point, set flag in line on opposite side, measure back 100 lks S. from end of which flag br N.  $57^{\circ} 21' E$ . therefore distance across river 1.25 ch or.

23.80 D left bank where I set witness post.

39.80 Set a granite stone  $14+9+6$  ins. 10 ins. in the ground, for  $1/4$  sec. cor. marked  $1/4$  on N. face, and raised a mound of stone alongside Pitts impracticable

49.80 The cor. to Secs. 17. 18. 19 + 20. Land mountainous & broken, a little good soil along bottom some Cottonwood along river.

41

## Subdivisions T. 4 S. R. 30 E. continued

chains

North bet. Secs. 17 + 18

Var.  $12^{\circ} 30' E.$ 

40.00 Set a quartzite rock  $13 \times 10 \times 5$  ins.  
 9 ins. in the ground, for  $\frac{1}{4}$   
 sec. cor. marked  $\frac{1}{4}$  on W.  
 face, dug pits  $18 \times 18 \times 12$  ins.  
 N + S. of line <sup>at m</sup>  $5\frac{1}{2}$  ft. dist.  
 and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $9\frac{1}{2}$  ft. base along  
 side.

80.00 Set a granite stone  $15 \times 9 \times 5$  ins.  
 10 ins. in the ground, for cor.  
 to Secs. 7, 8, 17 + 18. marked  
 with 4 notches on S. and  
 5 notches on E. edges, dug  
 pits  $18 \times 18 \times 12$  ins. in each  
 sec.  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base alongside.

## Subdivision A. 4 S. R. 30 E. continued

chain

Land unmountainous & broken  
Soil poor & rocky  
No timber.

---

East on random line bet.  
Secs. 8 & 17.

Var.  $12^{\circ}30'$  E.

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

80.30 Intersect N & S. line 21 lks  
S. of cor. to Secs. 8, 9, 16, & 17  
Hence Iron

S.  $89^{\circ}51'$  W. on a true line,  
bet. Secs. 8 & 17, with same va.

40.15 Set a granite stone  $15 \times 9 \times 6$  ins.  
10 ins. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N face  
dug pits  $18 \times 18 \times 12$  ins. E & W.  
of stone, 5 ft. dist. and



43

## Subdivisions P. 4 S. R. 30 E. continued

chains

raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base alongside.

80.30

Cor. to Secs. 7, 8, 17, & 18;  
Land unimproved & very broken  
Soil poor & stony.

No timber of any consequence,  
February 13, 1882.

Went on random line bet.  
Secs. 7 & 18.

Var. 12° 30' E.

Descending over broken surface.

40.00 Set temporary 1/4 sec. cor.

43.60 Rocky gulch looks wide course S.W.

52.50 Top of rocky ridge, 200 ft high,  
extending S.W.

64.00 Point of rocky ridge extending  
S.W. & descend

79.25 Top of bench & descend into bottom.

44

## Subdivisions S. 4 S. R. 30 E. continued

Chains

79.70 Bottom corner S.

80.12 Intersect N. By of township.

25 lks N. of cor to Secs. 7. 12. 1348  
 which is a Porphyry rock 14+9+7  
 ins. firmly set in the ground,  
 marked with 2 notches on N. &  
 4 notches on S. edges, and  
 mound of stone alongside -  
 Hence Inn

N.  $89^{\circ} 49'$  E. on a true line bet.  
 Secs. 7 & 18. with same va.

40.12 Set a granite stone 14+8+6 ins.

10 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face, and  
 raised a mound of stone  
 alongside 3 ft. high, from which  
 a gopher 15 ins. diam. to S.  $87^{\circ} 11'$ . 173 lks. dist  
 marked  $\frac{1}{4}$  S. B. S.

80.12 The cor. to Secs. 7. 8. 17 &amp; 18.

45

## Subdivision P. 4 S. R. 30 E. continued

chains

Laid mountains & broken  
 Soil rocky & poor.  
 No timber.

North bet. Secs. 7 & 8.

Var.  $12^{\circ} 30' E$

40.00 Set a granite stone,  $14 \times 10 \times 5$  ins.  
 $10$  ins. in the ground, for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face,  
 dug pit  $18 \times 18 \times 12$  ins. N. & S. of  
 stone,  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base, alongside

80.00 Set a limestone  $12 \times 12 \times 8$  ins.  
 $8$  ins. in the ground, for cor. to  
 Secs. 5, 6, 7 & 8. marked with  
 5 notches on S. & E. <sup>edges</sup> ~~faces~~, dug  
 pits  $18 \times 18 \times 12$  ins. in each sec.



## Subdivisions N. 4 S. R. 30 E. continued

chains

5 1/2 ft. dist. and raised a mound  
of stone alongside.  
Land mountainous & broken  
soil poor & rocky  
No timber.

Cast on a random line bet.  
Secs. 5 & 8.

Var.  $12^{\circ} 30' E.$

40.00 Set temporary 1/4 sec. cor.

80.25 Intersect N & S. line 31 lks

N. of cor. to Secs. 4, 5, 8 & 9.

Thence 1/4 mn

N.  $89^{\circ} 47' W.$  on a true line, bet.

Secs. 5 & 8. with same va

40.12 Set a granite stone 12 x 10 x 6 ins.

8 ins. in the ground, for 1/4 sec.

cor. marked 1/4 on N. face.

47

## Subdivisions N. 4 S. R. 30 E. continued

chains

dug pits 18+18+12 ins. E. & W. of  
stone, 5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base alongside.

80.25 The cor. to Secs. 5, 6, 7 &amp; 8.

Land mountainous & very broken  
Soil poor & stony  
No timber.

Went on random line bet.  
Secs. 6 & 7.

Var. 12° 30' E.

Descend into Bottom; crossing  
San Francisco River.

16.00 Ascend bluff hill on W. side  
of river.

24.30 Top of bluff hill

40.00 Set temporary 1/4 sec. cor.

## Subdivisions T. 4 S. R. 30 E. continued

chains

80.31 Intersect W. By of township.  
20 lks N. of cor. to Secs. 1. 6. T. 12.  
which is a post, 4 ft. long, 4 ins.  
square marked.

T. 4 S. S. 6. on N. E.

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

R. 29 E. S. 12 on S. W. and

S. 1 on N. W. faces, with 1  
notch on N. & 5 notches on  
S. edges, and mound of stone  
around post. from which

a Juniper 6 ins. dia. br. N. 48° E. 103 lks dist.  
marked T. 4 S. R. 30 E. S. 6 B. T.

a Juniper 4 ins. diam. br. S. 33° W. 32 lks. dist.  
marked T. 4 S. R. 29 E. S. 12. B. T.

a Juniper 5 ins. diam. br. N. 11° W. 124 lks dist.  
marked T. 4 S. R. 29 E. S. 1 B. T.

Thence Iron

N. 89° 51' E. on a true line, bet. Secs.



49

## Subdivisions N. 4 S. R. 30 E. continued

chains

6 x 7 with same va.

40.31 Set a porphyry rock  $12 \times 10 \times 5$  ins.  
8 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on N. face, and  
raised a mound of stone 3 ft.  
high, 5 ft. base alongside.

64.21 Right bank San Francisco River  
course S. W. set witness post, set  
flag on line on opposite side,  
measure off base 200 lbs north  
from end of which flag bears  
S.  $36^{\circ}44'$  E. distance 1.50 chs or.

65.71 Left Bank set witness post

80.31 The cor. to Secs. 5, 6, 7 & 8.

after crossing river in running  
meat the line passes, over broken  
points, N. of river soil mostly  
poor, some bottomwood along  
river.

---

## Subdivision T. 4 S. R. 30 E. continued

chains

North on random line, bet.  
Secs. 5 & 6.Var.  $120^{\circ} 30' E.$ 

crossing River

8.61 Top of high point 200ft high,  
descending S. W. descend13.80 Enter bottom of San Francisco  
River course S. W.

15.43 Road along bottom course S. W. &amp; N. E.

26.50 Ascend ridge

39.00 Top sloping S. E.

40.00 Set temporary  $1/4$  sec. cor.

53.00 Rocky gulch 200ks wide course S. E.

65.00 Ridge extends S. E.

75.50 Top of high ridge extending E.

80.28 Intersect N. B. y. of township  
25 lks W. of cor. to Secs. 5, 6, 31 & 32.which is a porphyry rock  
16 x 13 x 5 ins. firmly set in ground

51  
 Subdivision N. 4 S. R. 30. E. continued

Chains

marked with 5 notches on E.  
 and 1 notch on W. edges, and  
 mound of stone 3ft high,  
 alongside, from which

↓ a juniper 12 ins. diam. brs. N.  $48\frac{1}{4}^{\circ}$  W. 179 fms dist.  
 marked N. 3 S. R. 30 E. S. 31 B. 1.  
 Thence Iron

S.  $0^{\circ} 11'$  W. on a true line bet. sec  
 57.6. with same va.

40.28 Set a porphyry rock  $12 \times 10 \times 7$  ins.  
 8 ins. in the ground, for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on W. face,  
 and raised a mound of  
 stone alongside Pit in practice.

58.40 To right Bank of San Francisco  
 River course S. W. at witness  
 post, this is on bluff Bank 30ft high,  
 measure of base 100 fms East.  
 from which flag brs S.  $16^{\circ} 52'$  W.



## Subdivisions N. 4 S. R. 30 E. continued

chains

therefore distance 3.30 chs or.

61.70 To left Bank set witness post.

80.28 The cor. to Secs. 5. 6. 7 &amp; 8.

Land unmountainous broken

Soil rocky, there is a little

good soil along river

Some Cottonwood timber along  
bottom

February 14. 1882.

Subdivisions T. 4 S. R. 30 E. continued

General Description  
 T. 4 S. R. 30. E. or the western  
 portion of it, which I surveyed  
 lies along the San Francisco  
 River, a tributary of the Gila  
 north & south of the mining  
 villages of Clifton & Oro.  
 in the Patagonia Range of  
 Mountains.

The land surveyed is principally  
 valuable for mineral,  
 along the river are extensive  
 placers which an Eastern  
 company are preparing to work  
 on a large scale,  
 Here and there along the river bottom  
 are patches of good land, The surface  
 is mountainous and very broken.  
 Theodore H. White  
 U. S. Dep. Surveyor.

List of Names.

BOOK

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628

A List of the Names of Individuals employed by

Theodore H. White

U. S. deputy

surveyor, 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 fractional  
T<sub>2</sub>S 4 South, Ranges 29 & 30 East  
Gila and Salt River Meridian  
and Base lines

Showing the respective capacities in which they acted.

J. W. McClure

Chainman.

J. C. Ford

Chainman.

John Blake

Axeman.

Samuel Van Pelt

Flagman.

Joseph Schwarz

Measurer.



5 field notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846

Theodore H. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 6<sup>th</sup> day of

March, 1887

BOOK 628

Paul Riceles  
Notary Public Pima  
County, Arizona

U. S. Surveyor General's Office,  
Tucson, Arizona, April 19, 1882

The foregoing Field Notes of the survey of those  
parts or portions of the subdivision  
lines of T<sup>h</sup> 4 S. R. 29 and 30 East

of the Gila and Salt River Base and Meridian, Arizona,  
executed by Theodore F. White,  
D. S., under his contract of the 14<sup>th</sup> day of  
October, 1881, having been critically ex-  
amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

John Massman

Surveyor General.