

Examined
Expenses
Platted

Recd. July 29-1892

Sent to G. L. O. Jan. 25-1893

4

4-671

24

FIELD NOTES
GENERAL LAND OFFICE

Subdivisions

Tr. 5. North Range 1. S.

Contract No. 2. S.

R. L. Powers

Dated Jan. 20, 1892

Survey commenced July 8, 1892
As completed July 15, 1892

Field Notes
of the survey of the
Subdivision Lines
of Township 5-North R. 1 E
of the
Gila and Salt-River
Base & Meridian
Territory of Arizona.

As Surveyed by
Ridgely C. Posters,
U.S. Deputy Surveyor.

Under his Contract - No. 20,
dated January 2nd, 1892.

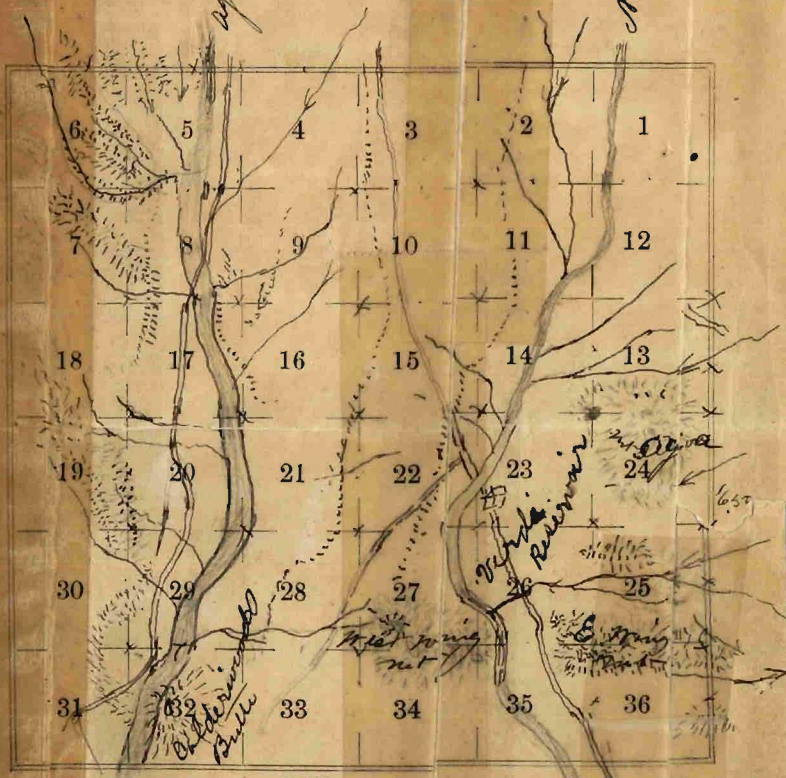
Survey commenced July 8, 1892
Survey completed July 16, 1892

(4-674.)

Township 5 N

R. 1 E

R. 1 E



6-389

Index

(4-674.)

Township N 6-N R. 1 E

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6-389

For Preliminary or
latitude, variation of meridian
Index Book No. 1. Extern

Subdivisions T₅-N₁R₁E

Preliminary to Subdividing this township & At the Standard Cor. to Secs. 35 and 36 at 12 o'clock M. July 8, 1892, I took latitude which I found to be $33^{\circ} 43'$ N and the magnetic variation of the needle $15^{\circ} 24'$ E. of true Meridian. I also made careful examination of my compass and found it to be in perfect adjustment.

Finding the old cor. nearly obliterated I reestablished it as follows: —

Set an Ironwood post $4\frac{1}{2}$ ft long 4 ins square with marked stone 12 ins in the ground for Standard Cor. to Secs 35 and 36 Marked S. 6. T₅-N₁R₁E on N. S. 36 on E. and

Subdivisions T. 5-N-R. 1 E.

S. 35 on N faces.
with 1 notch on E and 5' notch
on N faces.

Dug pits - $18 \times 18 + 12$ ins N. E.
and N of post $5\frac{1}{2}$ ft - dist -
raised a mound of Earth
 $2\frac{1}{2}$ ft high $4\frac{1}{2}$ ft base around
post.

From this Cor I run E
on a true line and at 40
chs. find the Standard $\frac{1}{4}$ Sec
Cor. and at 80 chs find the
Stand. Cor to Tps. 4 & 5 - N.
R's 1 and 2 E which is a
stone herein before described
My compass will therefore
run lines corresponding
with the S boundary of
Sec. 36.

Subdivisions T. 5-N R. 1 E.

Chains From Stand. for as reestablished

I run

N^o 01' N bet Secs 35 and 36.

Pa. 13° 24' E

6.00 Cross wagon road bet N. 10' N.

40.00 Set ironwood post 3 ft long
3 ins square with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ S on W face.
dug pits 18+18+12 ins N & S of
post $2\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

62.00 Base of East Wing Mountain.
Commenced to ascend.

74.00 Top of Mt 275 feet high extends
E. across Sec. 36. ^{about} and 20 chs
average height about 250 feet
This mountain constitutes the

Subdivisions T₅-N, R₁, E₁.

Cham's proposed East Wing of the
Verdi Water Storage Reservoir.
75.00 Commenced to descend N slope
80.00 About 80 feet above base.

Set granite rock 12 x 8 x 7 ins
8 ins in the ground for Cor. to
25, 26, 35 and 36 marked with
1 notch on S. and E faces &
raised a mound of stone 1 1/2 ft
high 2 ft base along side.
Pits impracticable.

Land $\frac{1}{2}$ level soil 1st rate
" $\frac{1}{2}$ mountainous stony.
No timber. Some brush.

E. on a random line bet Lics. 25 & 36
To 13° 24' E

40.00 Set temporary $\frac{1}{4}$ Sec Cor

79.80 Intersect E. boundary of T₅

Subdivisions T 5 - N R 1 E

Chains at the cor. to Secs. 25, 30, 31 & 36
herein before described.

Thence I run
N. on a true line bet Sec 25 & 36
to $13^{\circ} 24' E$.

Across rough, rolling mountain
slope

39.90 Set granite rock $10 \times 8 \times 7$ ins
7 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face and raised
a mound of stone $1\frac{1}{2}$ ft high 2 ft
base alongside. Pits impracticable.

79.80 Cor to Secs 25, 26, 35 and 36.

Land broken hummockous
Soil stony - 4th rock -

No timber, scattering brush.

North $0^{\circ} 01' N$ bet Secs 25 and 26
to $13^{\circ} 24' E$

Subdivisions T. 5-N R. 1 E.

Plains descend rocky slope

6.00 Foot of slope 80 feet below Sec. Cor.

40.00 Set rock $10 \times 8 \times 7$ ins, 7 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} post - $5 \frac{1}{2}$ ft - dist. and
raised a mound of earth $1 \frac{1}{2}$ ft
high $3 \frac{1}{2}$ ft - have ^{alongside} ~~around~~ post,

43.00 Cross Arroyo a 15-cks wide course W

54.00 Commence to mound slope

62.00 Top of spur 60 feet high W & E
descend slope of spur

74.00 Cross wash 75-cks wide at foot
of slope. course W

80.00 Set rock $18 \times 10 \times 5$ ins 12 ins in
the ground for Cor. to Secs 23, 24
25 and 26 marked with 2 notches
on S. and 1 notch on E faces.
Dug pits $18 \times 18 \times 12$ ins in each

Subdivisions T5 - S. R. 1 E

Chemin Sec. 5 1/2 ft. dist and raised a mound
of earth 2 ft high 4 1/2 ft base around
post ~~at~~ ^{along side}

Land 7/8 level, but 1/3 mountainous
Soil 3d rule -
No timber, dense brush.

E. on a random line bet Secs 24 & 25
Va 13° 24' E.

40.00 Set temporary 1/4 Sec. corner

79.97 Intersect E. boundary of T₅
15-cks N. of the line to Secs 19, 24, 25 & 30
herein before described.

Thence I run

N. 89° 54' W. on a true line bet Secs 24 & 25
Va 13° 24' E.

Gently descending surface

39.98 Set Palo Verde post 3 ft long
3' ins square with marked stone

Subdivisions T 5-N R. 1 Ee

Chains 12 ins in the ground for $\frac{1}{4}$ Sec 1 or
marked $\frac{1}{4}$ on N. face; dug pits 18
 \times 18 \times 12 ins. E and W. of post 5 $\frac{1}{2}$ ft-
dist and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

79.97 level to Sec 23, 24, 25 and 26
Land level

Soil mesa loam 2nd rate
No timber. Dense brush.

Bearing 0° 01' N bet Sec 23 & 24
on 13' 24' E

40.00 Set granite stone 10 \times 8 \times 7 ins
7 ins in the ground for $\frac{1}{4}$ Sec
or 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 along side.
64.00 commenced to ascend N.W. slope

Subdivisions T 5-N R 1 E.

Remains of Mt. Ogoc.

80.00 Set rock 20x10x6 ins 12 ins in the ground for cor. to Secs 13, 14, 23+24 marked with 3 notches on S. and 1 notch on E. faces and raised a mound of stone 1 1/2 ft high 2 ft base along side.

Pits impracticable

Land 1/2 level N 1/2 uneven.

Soil gravelly 2nd or 3rd rate

No timber, dense brush.

S 89° 54' E on a random line bet Secs 13+24

run 13° 24' E

40.00 Set temporary 1/4 Sec. Cor.

80.63 Subreset E. boundary of Sp at the Cor. to Secs 13, 18, 19 or 24 herein before described.

Then set 1 run

N. 89° 54' W, on a true line bet Secs 13+24

Subdivisions T₅-N, R. 1 E.

Ta 13° 24' E.

13.00 Base of N.E. Slope of Mt-Oyoo

Ascend rough to rocky slope

33.00 Top about - 350 feet - above base

40.31 Set granite rock 12 + 8 + 7 ins

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

marked 14 on N. face and raised

a mound of stone 1 1/2 ft - high 2 ft -

base alongside. Pits impracticable.

50.00 Descend W slope of Mt.

80.63 Car to Secs. 13, 14, 23 + 24

Land mountainous,

Soil stony - 3d rate

No timber, Scattering brush.

North 0° 01' W. bet Secs 13 + 14

Ta 13° 24' E.

Ascend gentle slope

33.00 Top of N.W. Spur of Mt-Oyoo

Subdivisions T. 5. N. R. 1 E.

Chains Commenced to descend.

- 36.00 Foot of spur 50 ft - below top.
Cross wash 25-cks wide course W
- 38.00 Cross wash 15-cks wide course $S. 85^{\circ} W.$
- 40.00 Set-mulhair rock $12 \times 8 \times 6$ ins
8 ins in the ground for $\frac{1}{4}$ Sec. for
marked $\frac{1}{4}$ on W. face dug pits
 $15 \times 18 \times 12$ 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.
- 43.00 Cross wash 15-cks wide course $S 80^{\circ} W$
- 50.00 Set-stone $10 \times 8 \times 7$ ins 6 ins in the
ground for cor to Secs 11, 12, 13 & 14
marked with 4 notches on S. and
1 notch on E faces; dug pits 18×18
 $\times 12$ ins in each Sec. $5\frac{1}{2}$ ft - dist -
and raised a mound of earth to
 $2\frac{1}{2}$ ft - high $4\frac{1}{2}$ ft - base alongside
Land uneven.

Subdivisions T5-N R1 Ee

Soil of rarely 2nd & 3d rate
 No timber, dense brush.

S. $89^{\circ} 54' E$ on a random line
 bet - secs 12 and 13
 va $13^{\circ} 24' E$.

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

80.13 Subsect - E boundary of T5
 8 lks S. of the Cor to Secs 7, 12, 13 & 18
 Thence run

N. $89^{\circ} 58' W$ on a true line bet - Secs 12 & 13
 va $13^{\circ} 24' E$.

40.06 Set granite boulder $10 \times 8 \times 6$ ins
 7 ins in the ground for $\frac{1}{4}$ sec cor.
 mark $\frac{1}{4}$ on N. face, dug pits
 $18 \times 18 + 12$ 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 ^{Along side} ~~at~~ post.
 64.00 Clear brush 15-lks wide course S. 70.

Subdivisions T. 8 - N. R. 1. E.

80.13. Cor to Secs 11, 12, 13 & 14.

Land level.

Soil mesa gravel 2nd rateNo timber, dense brush.North $0^{\circ} 01' W$ bet Secs 11 and 12Va $13^{\circ} 24' E$

30.00 Enter New River (dry bed)

38.00 Leave same course S. $15^{\circ} W$.

40.00 Set boulder $12 \times 9 \times 5$ 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 - dia and raised a mound of
 earth $1\frac{1}{2}$ ft - high. $3\frac{1}{2}$ ft - bare along side.

80.00 Set granite boulder $15 \times 8 \times 6$
 10 ins. in the ground for Cor to Secs.
 1, 2, 11 and 12 marked with 5 -
 notches on S and 1 notch on E faces.

Subdivisions T5-N R. E.

Chains dug pits $18 \times 18 + 12$ ins in each
 Sec. 5 & 6 - dist - and raised a mound
 of earth 2 ft high $4 \frac{1}{2}$ ft base
 along side.

Land under

Soil 2nd and 3rd rate -
 No timber, dense brush

S $89^{\circ} 58' E$. on a random line bet Secs 1 & 12
 Va $13^{\circ} 24' E$

40.00 Set temporary $\frac{1}{4}$ Sec Cor

79.73 Intersect - E. boundary of the 4th
 40 aks W of the cor to Secs 1, 6, 7 & 12
 Thence I run

N $89^{\circ} 41' W$, on a true line bet Secs. 1 & 12
 Va $13^{\circ} 24' E$.

39.86 At Palo verde tree 8 ins diam.
 for $\frac{1}{4}$ Sec cor which I mark
 $\frac{1}{4}$ S on N side and raised a

Subdivisions T5-N R. E.

Chains & mound of stone 1 1/2 ft high
2 ft base along side. Pile-
impracticable.

44.00 Enter E branch of New River
(dry bed) course S.

50.00 Leave same

70.00 Enter W branch of New River

74.00 Leave same course S.

79.73 Cor to Secs. 1, 2, 11 and 12,
Land museum

Soil along 2nd and 3^d rate
No timber; dense brush.

At 0 01' N, on a random line bet Secs 1 and 2
To 130 24' E

40.00 Set temporary 1/4 Sec cor

79.90 Intersect N boundary of T 15 R 2
N. of the cor to Secs. 1, 2, 35 and 36
Thence I run

Subdivisions T. 5. N. R. 1. E.

Chains S. 0° 05' W on a true line bet Secs 10 & 2

on 13° 24' E

39,90 Set granite boulder 10 x 8 x 7 ins
 7 ins in the ground for 1/4 Sec Cor
 marked 1/4 on W face & raised
 a mound of stone 1 1/2 ft high to
 2 ft base along side. Pits impracticable
 59,90 Cor to Secs. 1, 2, 11 and 12.
 Land mason - washed.

Soil gravelly & boulders & stuts.
 No timber, dense brush.

Examined my Compass and
 found it to be in perfect
 adjustment.

July 10th 1892

Subdivisions T-5-A R. 1 E

Chains From the Stand Car to Sec ~~34~~³⁵
 and 35 which is a stone firmly
 set and properly marked as
 described in the field notes of the
 Surveyor General; - I run
 North $0^{\circ} 01' W.$ bet Secs 34 & 35 -
 Va 130 24' E.

Over level surface

- 40.00 Set stone $14 \times 8 \times 6$ 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. of S of stone
 $5\frac{1}{2}$ ft dia and raised a mound
 of stone alongside. Pits impracticable
 50.00 ^{ascend slope}
 58.00 Top of N. end of West Wing Mt.
 about 200 feet high N. & W.
 58.50 descend slope
 80.00 Top of above base of Mt -
 Set rock $18 \times 7 \times 5$ ins 12 ins in

Subdivisions T-S-R, E

Chanis, the ground for Cor. to Secs. 26, 27
34 and 36 marked with 1 notch
on S, and 2 notches on E faces
and raised a mound of stone
1½ ft high 2 ft base along side
Pits impracticable.

Land S½ 2nd rate N½ nonculturable

Soil 2nd rate and stony

No timber, dense brush.

E. on a random line bet Secs 26 & 36-

7a 13° 24' E

40.00 Set temporary ¼ Sec Cor

80.00 Intersect T-S-R line at the Cor
to Secs 25, 26, 36 and 36.

Thence I run

N. on a true line bet Secs 26 & 36-

7a 13° 24' E

5.00 Top of Spur 100 feet high bet S & E

Subdivisions T5-N R1 E

Chains

- 11.00 Foot of spur enter rally
- 39.00 leaves road hrs N 10° W & S 10° E
- 40.00 Set stone $10 \times 8 \times 7$ ins 6 ins in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on N face. dug pit $5 \times 18 \times 12$ ins E & N of stone $5\frac{1}{2}$ ft - dist & reared a mound of earth $1\frac{1}{2}$ ft - high $3\frac{1}{2}$ ft - base alongside
- The Bird Canal to house hrs S 12° E. 30 chs dist. - and the proposed ^{Reservoir} dam extends from East Wing Mt. to West Wing Mt. across narrow valley of New river about 30 chains Southward.
- 69.00 Enter dry bed of New river Course South.
- 71.00 Leave same and ascend slope
- 80.00 Cor to Secs. 26, 27, 34 and 35,

Subdivisions. T₅ N. R₁ E.

Chains 60 feet above river bed
 Land marker
 Nail 2nd and 3d rate
 No timber, dense brush.

+

N. 0 01' N. bet. Secs 26 and 27
 74 13° 24' E.

Descend gentle slope

- 26.00 Enter dry bed of New river
 27.70 Leave same course S.E.
 40.00 Set stone 15 x 8 x 5 ins 11 ins
 in the ground for $\frac{1}{4}$ Sec Cor
 mark bed $\frac{1}{4}$ on N face; dug
 pits 18 x 18 x 12 ins N & S of stone
 $5\frac{1}{2}$ ft - diam and raised a
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft - base along side
 80.00 Set granite boulder 15 x 8 x 7
 ins. 11 ins in the ground

Subdivisions T-S-R-E

change for Cor to Secs. 22, 23, 26, & 27.

marked with 2 notches on S & E
faces; 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 Ariser bottom & mesa

Soil 2nd rate -

No timber, dense brush.

E. on a random line bet Secs
23 and 26.

ru. $13^{\circ} 24'$ E

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

80.08 Intersect A & S line at the Cor.
to Secs. 23, 24, 25 - and 26.

Thence I run

Now a true line bet Secs 23 & 26

ru $13^{\circ} 24'$ E.

Subdivision T5 - N. R. 1 E.

Chains

40.04 Set rock $14 \times 7 \times 6$ 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 or 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 along side.

72.00 Cross road hrs N 12° W + S 10° E
From this point Smith and Grum's
house (adobe) well, Curraloe
hrs N 18° W 10 chs dist.

80.08 Cor to Secs 22, 23, 26 & 27
Level level

Soil mesa low 1st rate.
No timber, dense brush.

North 0° 01' W bet Secs 22 & 23

On 13° 24' E.

15.00 Enter dry bed of New river
diagonally Course S. 10 W.

Subdivisions T 5 N R 1 E

Chains

30.00 Lease same

31.00 Cross Phoenix and Frog tanks & least creek road hrs N 12° W

40.00 Set stone 15 x 7 x 6 ins 11 ins in the ground for 1/4 sec loc. marked 1/4 on N. face; dug pits 18 x 18 x 12 ins in E. side of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside.

77.40 Cross wash 18 lbs with course S 70° E

80.00 Set red granite boulder 14 x 8 x 8 ins 10 ins in the ground for loc to Secs 14, 15, 22 and 23, marked with 3 notches on S and 2 notches on E faces; dug pits 18 x 18 x 12 ins in each sec. 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
Land nearly level

Subdivisions T₅-T₆ R₁ E₆

Chenoweth's Sail mesa loam 2nd rate
No timber dense brush.

+ E. on a random line bet Secs 14 + 23

7a 13° 24' E.

40.00 Set temporary 1/4 Sec Cor.

80.00 Intersect N + S line 16 PK's

N of the Cor to Secs. 13, 14, 23, 24

Thence I run

N 89° 00' W on a true line bet Secs 14 + 23

7a 13° 24' E.

Over level surface

40.00 Set Stone 13 x 7 x 5 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

E + W of post 5 1/2 ft - dist + raised

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

46.00 Enter dry bed of new river
course S.

Subdivisions. To - A R, Ee

chains ^{86.00} Same same

77.70 across Wash 18 lks wide Course S 30° E

80.00 Cor to Secs 14, 15, 22 & 23

Land unreser

Soil mesa gravel 2nd rate

No timber, dense brush.

0.00 0' 11" bet Secs. 14 and 15

by 13° 24' Ee

38.00 Ascend edge of mesa 30 ft above bottoms
bers SW

40.00 Set - Gypsum - boulder 15 x 8 x 7 ins
11 ins in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on N. face; dug pit
18 x 18 x 12 ins ^{5 1/2 ft. dist} N of stone and
raised a mound of earth 1 1/2 ft -
high 3 1/2 ft face along side.

80.00 Set - Malpais rock 16 x 18 x 5 ins
12 ins in the ground for cor to Secs 10, 11

Subdivisions T & R 1 Ee
 chans.

14 & 15 marked with 4 notches on S
 and 2 notches on E faces & raised a
 mound of stone 1 1/2 ft high 2 ft base
 alongside. Pits impracticable.

Land measure

Soil mesa gravel 2nd rate.
 No timber, dense brush.

July 11 1892

S. 89° 53' E on a random line bet Secs 11 & 14

7a 13° 24' Ee

40.00 Set temporary 1/4 Sec Cor,

79.80 Intersect No S line 8 Ets S. of Cor to
 Secs. 11, 12, 13 and 14

Thence I run

N 89° 56' W on a true line bet Secs. 11 & 14

7a 13° 24' Ee

28.00 Enter dry bed of New river

34.00 Leave same course S 15° W

Submissions T^s & R. 1 Ee

39.90 Set Stone 10 x 8 x 7 ins. 7 ins in the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N face and raised a mound of stone 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base along side. Pits impracticable.

79.80 Cor to Secs 10, 11, 14 and 15 -
Land unrun

Soil mesa gravel 203rd rate.

No timber, dense brush.

North 0° 01' N, bet Secs. 10 & 11

ru 13° 24' Ee.

Over level surface

40.00 Set Boulder 16 x 10 x 8 ins 12 ins in the ground for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N face dug pits 78 x 8 x 12 ins N of S of Stone 5 $\frac{1}{2}$ ft dist & raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base along side.

80.00 Set quartz rock 14 x 10 x 9 ins, 11 ins in the ground for cor to Secs 2, 3, 10 & 11

Subdivisions T 5 - R 1 E

Chains marked with 5 notches on S. and 2 notches on E. faces. dug pits 75 x 18 12 ins in each Sec. 5 ft dia & raised a mound of earth & stone 2 ft high 4 ft base alongside.

Land high mesa.

Soil grassy. 2nd rate -
No timber; dense brush

S 89° 58' E. on a random line bet Secs 20 & 11

ru 13° 24' Ee

40.00 Set temporary 1/4 Sec Cor.

79.88 Intersect E & W line 8 lks S of Cor
to Secs. 1, 2, 11 and 12

Thence I run

N. 89° 59' W on a true line bet. Secs. 20 & 11

ru 13° 24' Ee.

8.25 - Cross mark 20 lks with course S.

39.94 Set malpais rock 12 x 10 x 4 ins 8 ins

Subdivisions To N. R. 1 E.

Chains in the ground for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on N. face, dug pits 18x18x2 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.

48.00 Levee arroyo 12 lks wide Course S E

79.88 bear to Secs. 2, 3, 10 & 11

Land high mesa.

Soil gravelly, 2nd & 3^d rate

No timber; dense brush.

North $0^{\circ} 01' W$. on a random line bet Secs 2 & 3

To $13^{\circ} 24' E$

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

80.06 Intersect N. boundary of $\frac{1}{4}$ Sec
the Cor to Secs. 2, 3, 34 & 35 -
heretofore described.

Thence I run

S. $0^{\circ} 01' E$ on a true line bet Secs 2 & 3.

To $13^{\circ} 24' E$.

Submissions T5-N R1 Ee

P. Harris

40.06

Set stone $10 \times 8 \times 7$ ins 6 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 - dia and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside

80.06 Cor to Secs. 2, 3, 10 & 11.

Land high mesa

Soil gravelly 3d rate -

No timber; dense brush.

At 12 o'clock M. today July 12
1892 I took latitude and found it
to be $33^{\circ} 49' N.$ Variation of the
needle $13^{\circ} 24' E.$

I also found my compass,
on careful examination, to be
in perfect adjustment.

Subdivisions T₆-N, R. 1 E.

Chains From the Standard Cor. to Secs 33 and 34 which is a granite boulder firmly set and plainly marked as described in the field notes furnished by the Surveyor General. — A run North $0^{\circ} 02' N$ bet Secs 33 & 34.

To. $13^{\circ} 24' E$.

Over level surface

- 40.00 Set limestone $15 \times 10 \times 4$ 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 to 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 malpais rock $15 \times 9 \times 8$ ins 11 ins in the ground for Cor to Secs 27, 28, 33 and 34 marked with 1 notch on S. and

Subdivisions T₅-N R₁ E₆

chains 3 notches on E. faces & raised
a mound of stone 1 1/2 ft high 2 ft
base a long side

Land level misc

Soil misc loam & gravel 2nd rate

No timber, dense brush.

E. end of random line bet Secs 27 & 34

va 13° 24' E.

40.00 Set temporary 1/4 Sec. Cor.

80.00 Intersect N. & S. line at the Cor
to Secs. 26. 27. 34 & 35-

Thence I run

N. on a true line bet Secs 27 & 34

va 13° 24' E

Ascend slope of West wing Mt-

33.00 Top of slope about 300 feet high
b_{et} E and N. 80° W.

40.00 Rock in place 20 x 18 x 16 ins

Subdivision T 5 N. R. 1 E.

Chains above ground which I mark with
 a (+) cross at the exact cor. point for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ N. of Cross
 and raised a mound of stone
 $1\frac{1}{2}$ ft high 2 ft base along side.

44.00 Descending slope

74.50 Base of Mt. 300 feet below top.

80.00 East to Secs 27, 28, 33 & 34

Land uneven terrain

Soil stony.

No timber, Scattering brush.

North $0^{\circ} 02' N.$ bet Secs 27 and 28
 Ru $13^{\circ} 24' E$

8.00 Cross arroyo 9 lks wide course N

18.00 Cross arroyo 8 lks wide course $S 75^{\circ} N$

40.00 Set malpais rock 15-10 x 5 ins
 " ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on N. face &

Submissions T. 5 - N. R. 1 E.

Chains and raised a mound of stone $1\frac{1}{2}$ ft high
2 ft base along side.

54.50 Cross wagon road to N 23° E

50.00 Set malpais rock $10 \times 8 \times 8$ ins γ
ins in the ground for Cor to Sec

21, 22, 27 and 28 marked with 2
notches on S and 3 notches on E. faces

dug pits $18 \times 18 \times 12$ ins in each Sec
 $5\frac{1}{2}$ ft dia and raised a mound of

Earth 2 ft high $4\frac{1}{2}$ ft base along side
Land level misc

Soil loam & gravel 2nd rate

No timber; dense brush.

E. or approx down line bet Secs 22 & 27

to 130 24' E

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

80.12 Intersect N + S line at the Cor
to Secs 22, 23, 26 & 27

Subdivisions T & N R, Ee

Cherries

Thence I run

N. on a true line bet Secs 22 & 27

7a $130^{\circ} 24'$ Ee

4.70 Center dry bed of stream bet Secs 8

10.00 Leave same

40.06 Set stone $13 \times 7 \times 6$ ins 8 ins
in the ground for $\frac{1}{4}$ Sec Cor
mark $\frac{1}{4}$ on N. face, dug pit
 $18 \times 18 \times 12$ ins E or W of stone
 $5\frac{1}{2}$ ft - dia and raised a mound
of earth $1\frac{1}{2}$ ft - high $3\frac{1}{2}$ ft - base
along side

61.00 Cross road bet N. 35° E & S. 35° W

80.12 Leave to Secs 21, 22, 27 and 28

Land level rather

Soil loam and gravel 2nd rate

No timber, dense brush

July 12th, 1892.

Subdivisions T 5 - N. R. 1 E.

Chains North $0^{\circ}02'N$. bet Secs 21 + 22To $13^{\circ}24'E$.

Over level mesa

40.00 Set stone $12 \times 8 \times 5$ ins 8 ins in the ground for $\frac{1}{4}$ Sec Cor near knot $\frac{1}{4}$ on W face and raised a mound of stone $1\frac{1}{2}$ ft high 2 ft base along side. Pits impracticable.

40.75 Pass ways 7 lbs mile course W

80.00 Near edge of high mesa. Set granite boulder $10 \times 8 \times 8$ ins, 7 ins in the ground for Cor to Secs 15, 16, 21 + 22 marked with 3 notches on S + E faces. Dig 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 along side. Land high mesa

Soil gravelly 2nd + 3rd sub
No timber; dense brush.

Subdivisions T 5 - N. R. 1 E.

Plains E. on a random line bet Secs 15 + 22

va $13^{\circ} 24' E.$

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

80.08 Intersect N. & S. line 11 lks N. of cor. to Secs. 14, 15, 22 + 23.

Thence I run

$N 89^{\circ} 53' W.$ on a true line bet Secs 15 + 22

va $13^{\circ} 24' E.$

15.00 Leave bottom land. Edge of mesa

28.50 Cross wagon road bet $N 30^{\circ} W$

40.04 Set stone $10 \times 8 \times 7$ ins 7 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 raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base along side

80.08 Cor. to Secs 15, 16, 21 + 22

Land Gravelly mesa

Soil 2nd rate

No timber; dense brush.

Subdivisions T₅-N R₁ E

Chains

North $0^{\circ} 2' 44''$ bet - Secs 15 and 16Ta $130^{\circ} 24'$ Ee

Descend gentle slope

12.00 Enter lower mesa 30 feet below cor

40.00 Set stone $10 \times 8 \times 7$ ins 7 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on W. face; dry pits $18 \times 18 \times 12$ ins N S. of Stone $5\frac{1}{2}$ ft - dist and raised a mound of earth $1\frac{1}{2}$ feet high $3\frac{1}{2}$ ft - base along side.

80.00 Set - malpais boulder $12 \times 10 \times 9$ ins 8 ins in the ground for Cor to Secs 9, 10 15 or 16 marked with 4 notches on S and 3 notches on E. faces; dry 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 $3\frac{1}{2}$ ft base along side.

Sand Stony mesa

Soil Gravelly 3^d rate

No timber, dense brush.

Subdivisions T. 5 N. R. 1 E.

Chains S 89° 55' E. on a random line bet Sec 10 & 15
 Va 13° 24' E.

40.00 Set temporary 1/4 Sec Cor.

80.00 Subdivided T & S line 3.00 S. of Cor.
 to Sec 10, 11, 14 & 15.

Thence I run

N. 84° 56' W. on a true line. bet Secs 10 & 15-

Va 13° 24' E

40.00 Set malpais rock 10 x 8 x 7 ins, 7 ins in the
 ground for 1/4 Sec Cor marked 4 on N face &
 dug pits 18 x 18 x 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 along side.

67.00 Cross rough road bet N 6° W.

68.00 Edge of mesa

80.00 60 feet below edge of mesa Cor to
 Secs 9, 10, 15 and 16

Land under mesa
 soil gravelly - 3rd rate
 no timber; dense brush

Subdivisions T. 5 N. R. 1 E

Chain North $0^{\circ} 02' W$. bet Secs. 9 and 10

va $13^{\circ} 24' E$.

40.00 Set stone $12 \times 8 \times 6$ 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 $1\frac{1}{2}$ ft high 2 ft base along side. Pits impracticable

80.00 Set granite boulder $14 \times 12 \times 4$ ins 10 ins in the ground for Cor to Secs 3, 4, 9 and 10, marked with 5 notches on S and 3 notches on E, faces & raised a mound of stone $1\frac{1}{2}$ ft high 2 ft base along side. Pits impracticable
Land level measure

Soil rocky & gravelly 3' deep
No timber, dense brush.

S $89^{\circ} 05' E$ on a random line bet Secs 30 & 10

va $13^{\circ} 24' E$

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

Subdivisions T. 5-N R. 1 E.

Chains

80.12 Subject N. S. line 10 chs S. of the Cor to Secs 2, 3, 10 and 11.

Thence I run
N. on a true line bet Secs 3 & 10
ra 130 24' E

40.12 Set Stone 12 x 8 x 8 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 E-S of stone 5 ft flat and raised a mound of earth 1 1/2 ft high 3 1/2 ft base along side.

62.25 across Phoenix & Frog tanks road bet N & S

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

Land high mesa
Soil - gravelly 2nd or 3rd est.
No timber, dense brush.

N. 0° 02' W. on a random line bet Secs 3 & 4
ra 130 24' E

40.00 Set temporary 1/4 Sec Cor

80.08 Subject N. boundary of T.

Subdivisions T & N R 1 E

Chains 14 lks N. of the Cor to Secs 3, 4, 33 & 34
herin before described

Thence I run

S 0° 04' N. on a true line bet Secs 3 & 4
Va 13 $^{\circ}$ 24' E.

Over slightly rolling mesa.

40.08 Set Malpais rock 13 x 8 x 6 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 $1\frac{1}{2}$ ft high 2 ft base
along side. Pits impracticable.

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

Land high mesa

Soil gravelly 2nd rate
No timber. Dense brush

I carefully examined the adjustments
of my compass and found it correct.

Subdivisions, T₅-N R 1 E.

Chains From the Standard Cor to Secs 32 & 33
 which is a granite stone firmly set and
 properly marked as described in the
 field notes furnished by the Surveyor
 General. — I run

North $0^{\circ} 02' W$ bet Secs 32 & 33

7a $13^{\circ} 24' E$.

Over high mesa.

40.00 Set stone $12 \times 10 \times 8$ 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 to $3\frac{1}{2}$ feet base
 along side. Pits impracticable.

65.00 Edge of high mesa descend 50 feet -

80.00 Set stone $14 \times 10 \times 5$ ins 10 ins in
 the ground for Cor to Secs 28, 29, 32 & 33
 marked with 1 notch on S and 4 notches
 on E faces and raised a mound

Subdivisions. T₅-N. R. 1, E.

Chairs of ston 1½ ft - high 2 ft - base along side

Pits impracticable. Calderwoods

Butte about 250 feet high bears
S.W. and occupies most of the
Central portion of Sec. 32.

Land high mesa

Soil grassy. 2nd sub-

No timber, dense brush.

E. on a random line bet Secs. 28 & 33

7a 13° 24' E.

40.00 Set temporary ¼ Sec Cor.

80.12 Intersect N & S line at the Cor to
Secs 27, 28, 33 and 34.

Thence I run

ft. on a true line bet - Secs 28 & 33

7a 13° 24' E.

28.25 - Cross road bet. N. 30° E. S 30° W

40.06 Set - malpais rock 10 x 8 x 7 ins

Subdivisions T. 6 - N. R. 1 E.

Chains 8 ins in the ground for $\frac{1}{4}$ sec Cor
 marked $\frac{1}{4}$ on N face; raised a
 mound of stone $1\frac{1}{2}$ ft high 2 ft base
 along side. Pits impracticable,
 80.12 Cor. to Secs 28, 29, 32 and 33.

Land broken

Soil gravelly 2nd rate
 No timber, dense brush.

North $0^{\circ} 02' N.$ bet Secs. 28 & 29

On. $13^{\circ} 24' E.$

Over uneven surface

.50 Cross Arroyo 15 lks wide Course N;

5.00 Cross wash 20 lks wide Course N;

40.00 Set rock. $12 \times 8 \times 7$ 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 $1\frac{1}{2}$ ft high 2 ft base along side
 Pits impracticable.

Subdivisions T. 5. N. R. 1. E.
Chains

- 70.00 Edge of bluff: - descend slope
- 72.50 Enter dry bed of Ogua Fria river
Course S.
- 80.00 As this Cor is in the bed of the river
where it cannot be maintained, I
mark the point with a mound of
rock and establish Witness Cor
6.50 Chas E. as follows: -
Set granite boulder 14 x 8 x 6
ins 10 ins in the ground 6.50 Chas
E. of true Cor. point on left bank
of river, - marked W. C.
with 2 notches on S and 2
notches on E. faces; dug pit
18 x 18 x 12 ins in E. S. E. N. 70 S 70
5 1/2 ft - dia and raised a mound
of earth 2 ft high 4 1/2 ft base
along side
Land broken

Subdivisions T. 5 - N. R. 1 E.

Cherry Soil gravelly 3^d rate -
 No timber, dense brush

E. on a random line bet Secs. 21 & 28
 Va 13° 24' Ee

40.00 Set temporary 1/4 Sec Cor,
 80.00 Intersect N & S line at the Cor
 to Secs. 21, 22, 27 and 28
 Thence run west on a true line bet
 Va 13° 24' Ee. secs 21 & 28

10.00 Commenced to descend mesa
 17.00 Foot of mesa 30 feet below top,
 40.00 Set Stone 12 x 8 x 7 ins. 8 ins
 in the ground for 1/4 Sec Cor marked
 H on N. face and raised a mound
 of stone 1 1/2 ft high 2 ft base along it.
 Pits impracticable.

63.00 Edge of abrupt bluff 25 ft high.
 Descend to bottom land

73.50 Witness Cor to Secs 20, 21, 29 & 28
 78.00 Entered ^{dry} bed of River

Subdivisions T. 5-N R. 1 E

Chains

80.00 Cor point to Sec 21, 22, 27 & 28
in river bed.

Land broken stony.

Soil rocky & grassy 3d rate
No timber dense brush.

July 13th 1892

North $0^{\circ} 02' N$ bet Secs 20 & 21

to $13^{\circ} 24' E$

Along dry sand bed of Agua Fria

40.00 Sd granite boulder $18 \times 10 \times 8$ ins

12 ins in the ground for $\frac{1}{4}$ Sec

Cor marked $\frac{1}{4}$ on N face

and raised a mound of stone

$1\frac{1}{2}$ ft high 2 ft base along side

Pits impracticable

80.00 On E bank of Agua Fria river

Sd granite boulder $10 \times 8 \times 7$

ins 10 ins in the ground for

Subdivisions T₅-N. R. 1 E

Plains Cor. to Secs 16, 17, 20 and 21 marked
 marked with 3 notches on S. and
 4 notches on E. (edges) faces;
 dry pits 18 x 18 x 12 ins in each
 Sec. 5 1/2 ft dist and raised a
 mound of earth 2 ft high 4 1/2 ft
 base alongside.

Land sand wash & gravel
 Soil 3d rate

No timber, dense brush;

E. on a random line bet Secs 16 & 21
 7a 130° 24' E

40.00 Set temporary 1/4 Sec Cor.

80.14 Intersect N & S. line 11 lks S.
 of Cor to Secs 15, 16, 21 & 22

Thence I run
 S 89° 05' 11" on a true line bet Secs 16 & 21
 7a 130° 24' E.

Subdivisions T. 5-N. R. 1 E

Chains Over broken surface

4.00 descend from high water 30 ft -

46.07 Set boulder 12 x 8 x 8 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 1 $\frac{1}{2}$ ft
high 2 ft base along side
Pit. impracticable,

73.50 Edge of bluff 40 feet high

75.00 Foot of same

80.14 Cor. to Secs. 16, 17, 20 and 21

Land broken

Soil gravelly 2nd & 3d rate

No timber; dense brush

North $0^{\circ} 02' N.$ bet. Secs. 16 & 17to $13^{\circ} 24' E.$

Along river bottom on E side.

40.00 Set stone 12 x 8 x 6 ins 8 ins in

Subdivisions T-S, R, E

Chains the ground for $\frac{1}{4}$ Sec. 20 marked
 $\frac{1}{4}$ on N. face; dug pits 18 x 18 x 12 ins
 N. and 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.

51.00 Lease bottom & ascend mesa 30 ft
 80.00 Set sulphur boulder 10 x 8 x 6 ins.

7 ins in the ground for Cor to Secs 8, 9
 16 and 17 marked with 4 notches on
 S. and E. faces, and raised a
 mound of stone $1\frac{1}{2}$ ft. high 2 ft.
 base alongside. Pits impenetrable.

Land broken

Sail bottom & mesa, 2nd rate
 No timber, dense brush.

N. 89° 58' E, on a random line bet Secs 9 & 16

70.130 24' E.

Subdivisions T. 5 - N. R. 1 E.

Chains

40.00 Set temporary $\frac{1}{4}$ sec cor.80.00 Intersect N. 08. line 16 lks N of the
to Secs. 9, 10, 15 and 16. x

Thence I run
N. 89° 58' W on a true line bet Secs 9 + 16
24' 13" E.

31.00 Cross wash 20 lks wide course str.

40.00 Set granite stone 10x10x8 ins. 7 ins
in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face, dug pits 18x
18x12 ins. ^{8. and 10' of stone at 5 1/2 ft distant}
in the ground and
raised a mound of earth 1 1/2
ft high 3 1/2 ft base along side
Pit impracticable.

48.00 Edge of mesa descend.

62.00 Foot of same 50 ft below edge

80.00 bear to Secs 8, 9, 16 + 17

Land broken

Soil rocky & arate

No timber, dense brush.

Subdivisions T. 5. N. R. 1. E.

Chain North $0^{\circ} 02' W.$ bet Secs. 8 and 9.

Var. $13^{\circ} 24' E.$

Over low mesa

- 40.00 Set stone $10 \times 8 \times 6$ ins 7 ins in the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on N. face; dug pits $18 \times 18 \times 2$ ins N & S. of stone $6\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside. Pits
- 80.00 Set boulder $15 \times 10 \times 4$ ins. 11 ins in the ground for cor to Sec 4. 5. 80⁰⁰ marked with 5 notches on S and 4 notches on E. faces and raised a mound of stone $1\frac{1}{2}$ feet high 2 feet base alongside. Pits impracticable.
- Land level
- Soil mesa loam & gravel 2nd rate
No timber, dense brush.

Subdivisions T & N. R. 1 E.

Chains $S 89^{\circ} 58' E$. on a random line bet Secs 4 & 9

va $13^{\circ} 24' E$

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

80.08 Intersect N & S. line at the cor to Secs,
3, 4, 9 and 10

Thence I run

$N. 89^{\circ} 58' N$. on a true line bet Secs 4 & 9

va $13^{\circ} 24' E$.

16.00 Cross Arroyo 12 fks wide cause 8

40.04 Set granite stone $15 \times 7 \times 5$ 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 $1\frac{1}{2}$ ft high 2 ft
base alongside. Pits impracticable

80.08 Cor. to Secs 4, 5, 8 and 9
Land line

Soil granly, 2nd sub -

No timber, dense brush.

Subdivisions T 5. N. R. 1 E.

Chain North $0^{\circ}02'N$. on a random line bet Secs 4 & 5

va $13^{\circ}24'E$

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

80.14 Intersect N boundary of T₅
12 chs. N. of the cor to Secs 4, 5, 32
and 33 heretofore described.

Thence I run

S. $0^{\circ}03'N$. on a true line bet Secs 4 & 5

va $13^{\circ}24'E$.

Over nearly level surface

40.14 Set stone $10 \times 8 \times 7$ ins. 7 ins in the
ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ on
N. face, and raised a mound of
stone $1\frac{1}{2}$ ft high 2 ft base alongside
Pit impracticable.

80.14 Secs to Secs 4, 5, 8 and 9

Land broken

Soil mesa gravel 3^d rate
No timber, dense brush.

Subdivisions T 5. N. R. 1 E

Chains From the Standard Cor point in
the Agua Fria river bed herein
before described; - I run
North $003^{\circ} 11'$ Set - Secs 31 & 32,
ra $13^{\circ} 24'$ E,

- 15.00 Over broken surface
26.00 Enter dry bed of Agua Fria river ^{Fria}
and ascend gravelly bluff
15 feet high.
38.00 Descend bluff to bottom land
40.00 Set stone $14 \times 10 \times 4$ ins 9 ins in the
ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on
N. face and raised a mound of
stone $1\frac{1}{2}$ ft high 2 ft base alongside
Pits impracticable,
58.00 Enter cultivated field fence line N.W.
80.00 Set mesquite post 4 ft long
this square with marked stone
12 ins in the ground for Cor to.

Subdivisions T. 5-N. R. 1-W.

Secs. 29, 30, 31 and 32 marked

T. 5-N. S. 29 on NE

R. 1-E. S. 32 on SE

S. 31 on SW and

S. 30 on NW faces with 1 notch
on S. and 5 notches on E edges;
dug pits 18 x 18 x 12 ins in each
 $\frac{1}{2}$ ft dist and raised a mound of
Earth 2 ft high $4\frac{1}{2}$ ft base
around post.

From which a palo verde tree
12 ins diam bro N 15° W 3.75 chs
dist marked T. 5-N. R. 1-E. S. 30 13.7.

The adobe house, well, Curral
&c of Señior don Ramon Artijo
bro S. W, 18 chs dist.

Land broken

Soil $\frac{1}{2}$ worthless $N\frac{1}{2}$ 1st rate
No timber $\frac{2}{3}$ dense brush.

Subdivisions T₅-N, R, E.

- Pharis E. on a random line bet Secs 29 + 3
 Va 13° 24' E.
- 40.00 Set temporary 1/4 sec cor.
 80.00 Intersect N. & S. line 20 lks S. of
 the cor. to Secs. 28, 29, 32 + 33
 Thence I run
 S. 89° 51' W. on a true line bet Secs 29 + 32
 Va 13° 24' E
- Over rough broken surface
- 40.00 Set Palo Verde post - 3 ft long
 3 ins square with marked stone
 12 ins in the ground for 1/4 sec cor
 marked 1/4 S. on N face, dug
 pits 18 x 18 x 12 ins E. & W. of post -
 5 1/2 ft - dia and raised a mound
 of earth 1 1/2 ft high 3 1/2 ft base
 around post.
- 41.00 Enter dry bed of Agua Fria river
 48.00 Leave same course S 100 W.

Subdivisions T₆-N. R. 1 E.

61.00 Cross road bet N & S.

62.50 Enter field fence bet NE & SW

80.00 Cor to Secs 29, 30, 31 and 32

Land broken except last 18 chs.
Soil rocky & gravelly, 3d rate -
No timber, dense brush

Now a random line bet Secs 30 & 31
Ta 13° 24' E.

40.00 Set temporary 1/4 Sec cor

50.20 Intersect W. boundary of township
25-links N of the cor to Secs 26, 30, 31 & 36
which is a stone firmly set and
properly marked as described in
the field notes furnished by the
Surveyor General.

Thence I run
N. 89° 49' E. on a true line bet Secs 30 & 31
Ta 13° 24' E.

Subdivisions T & N R. 1 E.

- Chains Over high rolling & rocky surface
- 40.20 Set stone 10 x 8 x 7 ins 6 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone $1\frac{1}{2}$ ft high 2 ft base along side. Pits unpracticable.
- 58.00 Edge of high mesa, top and slope
- 67.00 Enter field 80 feet below mesa fence has NW & SE.
- 80.20 Near to Secs 29, 30, 31 and 32
Land high rolling.
Soil rocky. 3^d rate, except last 13 chs. 1st rate.
No timber. dense brush.
- North $0^{\circ} 03' N.$ bet Secs. 29 + 30
wa $13^{\circ} 24' E.$
- 26.76 - Leave field, fence has NE & SW, and ascend slope of high mesa

Subdivisions T 5-N, R. 1 E.

Chains

40.00 Top of mesa 75 feet above sea level
 Set stone 12 x 8 x 6 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
 $1\frac{1}{2}$ ft high 2 ft base along side
 Pits impracticable.

48.00 Cross gulch 15 chs wide course S E

80.00 Set stone 10 x 8 x 7 ins 7 ins in the
 ground for cor to Sec. 19. 20 29 & 30
 marked with 2 notches on S and
 5 notches on E faces and raised a
 mound of stone $1\frac{1}{2}$ ft high 2 ft
 base along side. Pits impracticable.
 Land rolling 94 apts - 1st 25 chs
 Soil 1st 25 chs 1st rate, bal 3^d rate
 No timber; dense brush.

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Subdivisions T. 5-N R. 1-E

Chains N. $89^{\circ}51'E$ on a random line bet Secs 20 & 29

7a $13^{\circ}24'E$

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

80.00 Intersect N & S. line 15-cks N of the
Cor. to Secs. 20, 21, 28 and 29

Thence I run

S. $89^{\circ}57'W$ on a true line bet Secs 20 & 29

7a $13^{\circ}24'E$.

Over broken surface

21.50 Leave dry river bed course S

37.50 Across road bet N & S

40.00 Set stone $12 \times 8 \times 6$ ins 8 ins in the ground

for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ on N face
dry 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 along side

42.80 Across new arroyo 4 feet width of
bottom bet N $15^{\circ}0'E$ & S. $15^{\circ}W$

Subdivisions T 5 - N. R. 1 E.

Chains

74.50 Across gulch 12 lks wide and ascend steep slope

80.00 On hillside 12 1/2 feet high Cor. to Secs. 19, 20, 29 + 30

Land broken

Soil gravelly, 2nd rate No timber dense brush.

S. 89° 49' W. on a random line bet Secs 19 + 30 Va 13° 24' E.

40.00 Set temporary 1/4 Sec Cor

80.12 Intersect W. boundary of T₅ 9 lks S. of the Cor to Secs 19, 24, 25 + 30

which is a stone firmly set - and properly marked as described in the field notes furnished by the Surveyor Genl.

Thence I run

N. 89° 53' E. on a random line bet Secs 19 + 30

Va 13° 24' E

Subdivisions. T 5 - N R 1 E

Chains

Over high rolling surface

40.12 Set Malpais rock $10 \times 8 \times 7$ ins
6 ins in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ on N face and raised a
mass of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
alongside. Pits impracticable.

44.00 Cross gulch 15-20 ft wide course S.E.
and ascend

62.50 Top of high ridge bet N.W. & S.E.

80.12 75 feet below top of ridge

Cor to Secs 19, 20, 29 and 30

Land rolling, mountainous

Soil stony and gravelly 3^d rate

No timber. dense brush.

Start 00 03' N bet Secs 19 and 20

2^d 18° 24' E

Over high rolling surface

34.00 Cross gulch 14-20 ft wide course S.E.

Subdivisions T 4 N. R. E

Chains

40.00 Set 1 malpais rock 13x9x5 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 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside
Pits impracticable.

76.60 Cross gulch 18 lks wide Course Ey

80.00 Set stone 10x8x7 ins. 6 ins in the
ground for cor to Sec. 17, 18, 19 & 20
marked with 3 notches on S and
5 notches on E. faces and raised
a mound of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside. Pits impracticable.

Land high rolling
Soil rocky & gravelly 3^d rate
No timber; dense brush.

N. 89° 55' E, on a random line bet Sec 17 & 20

on 13° 24' E.

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

Subdivisions T. 5. N. R. 1. E.

Chains

80.08 Intersect N. & S. line at the Cor to
Secs. 16, 17, 20 & 21.

Thence I run
S. $89^{\circ} 57'$ W. on a true line bet Secs 17 & 20
Va. $13^{\circ} 24'$ E

Over broken surface.

21.70 Enter dry bed of Agua Fria river

10.00 Leave same course S.

40.04 Set stone $12 \times 8 \times 6$ 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
E & W of stone $5\frac{1}{2}$ ft dist & raised
a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base along side.

Marlow's Cabin and Curral
wells & hrs S 17° W 18 chs dist.

40.25 - Cross road hrs N & S

69.00 Enter wash diagonally course
N. 88° E.

Subdivisions T⁵ N. R. 1 E.

Chains

80.08 Cor. to Secs. 17, 18, 19 & 20

Land broken

Soil stony & gravelly 3^d rate

No timber, dense brush

S. 89° 53' W. on a random line bet Secs 18 & 19

va 13° 24' E

40.00 Set temporary 1/4 Sec cor.

79.80 Intersect W. boundary of T⁵ 25th S.
N. of the Cor. to Secs. 13, 18, 19 & 24

Thence I run

N 89° 42' E. on a true line bet Secs 18 & 19

va 13° 24' E.

Over high rolling surface

28.00 Top of high ridge about 225
feet above river bed N. 70° S. descend39.80 Set malpais rock 9 x 8 x 8 ins 6 ins
in the ground for 1/4 Sec cor. marked
1/4 on N. face and raised a mound

Subdivisions T₆-N.R.-E

chains of stone 1½ ft high 2 ft base along side

Pits impracticable.

44.00 across rocky gulch 20 feet deep 15-20
wide course S_E.

79.80 bear to Secs. 17, 18, 19 and 20.

Land mountainous.

Soil rocky, 3d rate -

No timber, dense brush

North 0° 03' W bet Secs 17 and 18.

to 13° 24' E.

over high rolling surface

5.00 across gulch 10 ft wide course S 75° E

40.00 Set stone 9 x 8 x 7 ins. 6 ins in
the ground for ¼ Sec Cor marked
¼ on W face and raised a mound
of stone 1½ ft high 3½ ft base along side.
Pits impracticable.

80.00 Rock in place 24 x 18 x 10 inches

Subdivisions T₅-N. R. 1 E

chains above ground, which I mark with a (+) cross at the exact corner point for Cor. to Secs. 7, 8, 17 & 18 with 4 notches S and 5 notches E. of cross, and raised a mound of stone $1\frac{1}{2}$ ft-high $3\frac{1}{2}$ ft-base alongside.

Land high rolling

Soil rocky 3d. sect.

No timber; dense brush & cactus.

N. $89^{\circ}57'E$, on a random line bet Secs 8 & 17

7a $13^{\circ}24'E$

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

80.00 Intersect N-S line 17 lks N. of the cor to Secs 8, 9, 16 & 17.

Thence I run

N $89^{\circ}58'N$, on a true line bet Secs 8 & 17

7a $13^{\circ}24'E$.

Over rough broken surface

Subdivisions T 5 N. R 1 E.

Chains

- 10.50 Edge of precipitous bluff 65 ft high
- 11.50 Center dry bed of Agua Fria river
- 32.00 Leave same course S.
- 35.00 Cross road bet. N & S.
- 40.00 Set malpais rock 16 x 16 x 12 ins.
12 ins in the ground for 1/2 sec for
mark 1/2 on N face and raised
a mound of stone 1 1/2 ft high 2 1/2 ft
base along side. Pit impracticable
- 45.00 Commenced to ascend slope
- 60.00 Top of Ridge 150 feet high bet N & S
parallel to river
- 80.00 Leave to Secs 7, 8, 17 and 18.

Land broken

Soil sloping 3d rate,

No timber, dense brush.

As sections 6, 7 and 18 are
rugged and monotonous

Subdivisions. T 8 - N. R. 1 E

Chains containing no agricultural lands, in accordance with instructions from the Surveyor General, I do not include the survey of the E & W lines between them in my field notes.

North $0^{\circ}03'N$. bet. Secs. 7 and 8
 Va $13^{\circ}24'E$

Over mountainous surface
 2.00 Cross rocky Canon 20 lbs wide
 Course and ascend slope
 30.00 Top of ridge 150 feet high bet N.W. & S.E.
 40.00 Set stone $12 \times 7 \times 7$ 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 $1\frac{1}{2}$ ft high

Subdivisions T & R. E

chains 2 ft base alongside. Pits impracticable
 according slope.

78.00 across Rañon 90 lbs wide 30
 feet deep perpendicular rocky sides.
 Course E.

80.00 Malpas rock in place 24 x
 18 x 10 ins above ground marked
 with a (x) cross at the exact cor-
 ner point ~~for~~ to Lees 5, 6, 7 and 8.

with 5 notches S and East of
 (+) cross and raised a mound
 of stone 1 1/2 ft high 2 ft base
 alongside. Pits impracticable.

Land mountainous

Soil rocky, 3d rate

No timber, dense brush & cactus

Subdivisions T. 5 - N. R. 1 E.

Chain S. $89^{\circ} 40'$ E. on a random line bet Secs 5 & 8

7a $13^{\circ} 24'$ E.

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

80.10 Intersect N. & S. line at the Cor.
to Secs 4, 5, 8 and 9.

Thence I run

N. $89^{\circ} 40'$ E. on a true line bet Secs 5 & 8

7a $13^{\circ} 24'$ E.

Over high rolling surface

1.00 Cross wash 12 ft wide course S. 10.

18.50 Cross road bet N & S

29.50 Edge of bluff 30 feet high.

30.00 Center dry bed of Agua Fria river.

40.05 In river bed which I mark
with mound of stone then at

57.50 Establish witness Cor as follows

Set stone 12 x 8 x 7 ins 8 ins in

the ground for witness $\frac{1}{4}$ Sec

Cor marked N. P. $\frac{1}{4}$ on N face

Subdivisions T 5. N R. E

Chains and raised a mound of stone
 $1\frac{1}{2}$ ft-high 2 ft-base along side

Pits impracticable.

This cut is on the right-bank of
 the Agua Fria river 500 ft from
 margin.

59.00 Enter Cañon 90 ft wide
 30 ft deep rock sides Course
 N 86° E

64.00 Leave same and ascend
 slope diagonally.

80.10 70 ft-above cañon
 Cut to Lees 5. 6. 7 and 8
 Land rough broken
 Soil stony - 3d rate
 No timber; dense brush

Subdivisions T. 5-N. R. 1-E.

Chain's back $0^{\circ}03'$ N. on a random line bet
Secs 5 and 6.

Run $13^{\circ}24'$ E

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

80.24 Intersect N boundary of
township 21 lks N of the line to
Secs 5, 6, 31 and 32, herein
before described

Thence I run
 $5^{\circ}06'$ N on a true line bet Secs. 5 & 6

Run $13^{\circ}24'$ E.

Over high rolling surface
Ascending slope.

30.00 Top of ridge 60 feet high bet
N.W. and S.E., and descend

37.00 across gulch 10 lks wide
course S.E.

40.24 Set malpais rock 15" X 15" X 10 ins
10 ins in the ground for

Subdivisions T 5-N R 1 E

Chain $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ on W. face
 and raised a mound of stone
 $1\frac{1}{2}$ ft high 2 ft base along side
 Dist impracticable.

50.00 across gulch 12 ft wide
 course S.E.

80.24 line to Secs 5, 6, 7 and 8
 Land high rolling
 Soil stony, 3d rate -
 No timber, dense brush & Cactus.

July 16th 1842.

T. S. R. & Co

General Description.

This township is very broken. Most of that portion of it west of the Agua Fria river is mountainous and contains comparatively little good agricultural lands.

The streams passing through carry water only during the wet seasons. There are habitations in Secs 23, 26, 30 and 31 represented in the body of these notes.

The Verde Canal Company is engaged in constructing a large Reservoir for impounding water for irrigation purposes, by building a high earth

To N R 1 E

mark dam across the valley of New River between East Wing and West Wing mountains in the north part of Section 35.

The Agua Fria Canal and Water Storage Co has made preliminary surveys for a canal on the West side of the Agua Fria river.

The township north of this should be surveyed as it contains the Reservoir site of the Agua Fria Canal Co. and under the ruling of the Secretary of the Interior rights of way for Reservoirs

T. G. A. R. E.

And cannot be
approved upon unsurveyed
lands of the U.S.

Ridley C. Powers
U.S. Deputy Surveyor.

83
List of Names.

BOOK 24

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 *Extremes and Subdivision lines of Tps. 4 & 5 N. R. 1 E. and Tps. 3 N. R. 4 E. of the Gila and Salt River Base and Maricopa, Arizona.*

Showing the respective capacities in which they acted.

John J. Heile Chainman
Wilard B. Heasling Chainman
Matthew Gibson Axeman
Theron H. Phillips Flagman

84
Final Oath of Assistants.

BOOK 24

We hereby certify that we assisted Ridley
C. Pomeroy U. S. Deputy Surveyor, in
surveying Exterior Township boundaries
and subdivisions lines of Tps 3, 4, 5, 6
East 4 N. R. 1 E. and Tps 5, 6
R. 1 E. Gila and Salt River
Base and Meridian of 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
laid out according to the instructions furnished by
the Surveyor-General.

James J. Hill Chairman.
Richard B. Nathan Chainman,
Matthew Tilton Axeman.
Sherwin H. Phillips Flagman.

Sworn to and subscribed before me, this 16
day of July, 1892

Chas. D. [Signature]
Notary Public
Maricopa Co

Final Oath of Deputy Surveyor.

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BOOK 24

I, Rudolph C. Ponce

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with ^{Royal A. Johnson} ~~John~~ ^{Wasson}, United States Surveyor-General for Arizona, bear-

ing date the 2nd day of January

1872 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 La

S. N. R. 4 E. T 4 N. R. 1 E.

and T 5 N. R. 1 E.

Sierra & Sulphur Basin and Jurisdiction of 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-



26 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.

Ridley C. Powers
Deputy Surveyor.

Sworn to and subscribed before me, this 25
day of July, 1892

Chas. D. Alden
Notary Public in & for
Maricopa County, Arizona



BOOK 24

U. S. Surveyor-General's Office,

TUCSON, A. T., Jan-25 1893

The foregoing Field Notes of the Surveys of
The Subdivisional Lines in
Twp. 5 N. R. 1 E.

of the Gila and Salt River Meridian
in Territory of Arizona executed by
Ridgley C. Powers

U. S. Deputy Surveyor, under his contract dated
January 1st / 1892
having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

Charles Johnson
U. S. Surveyor-General
for the Territory of Arizona.