

Rec^d July 29. 1892.

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

No- 16

4-671

FIELD NOTES

~~GENERAL LAND OFFICE~~

16

Subdivisions.

Tp. 3. North, Range 4. E.

Contract No. 20.

R. L. Powers.

Dated Jan'y 2. 1892

Survey commenced June 22/92

do Completed June 28, 1892



No-16

Field Notes
of the Survey of the
Subdivision Lines of

Township 3 N. Range 4 E.
of the
Gila and Salt River Base
and Meridian.

Territory of Arizona
As surveyed B.

Ridley C. Powers,
U.S. Deputy Surveyor.

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

Survey commenced June 22, 1892
Survey completed June 28, 1892

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(4-674.)

Township 3 N R. 4 E.

5537									
6	5	4	3	2	1				
78	77	56	43	30	16				
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74	73	53	40	27	13				
18	17	16	15	14	13				
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General Description page 80-

Subdivisions T. 3 N. R. 4 E

For preliminary oaths of assistants, latitude, variation of needle &c See Book No 1 Survey of Exterior Boundaries.

I carefully examine my Compass and find it in perfect adjustment.

Preliminary to this survey I commenced at the cor of Secs 35 and 36 on the South boundary and ran E on the S. boundary of Sec. 36.

7a $13^{\circ} 21' E$

and at 40 chs formed the $\frac{1}{4}$ Sec Cor and at 80 chs Cor. to Tps 2 and 3 N. R. 4 & 5 E described in Book No. Exterior.

My Compass will therefore run lines corresponding with

Subdivisions T 3 N R 4 E

Extreme Boundaries of 4th
 From the Cor. to Secs. 35 and
 36 on the S. boundary of the
 township which is a stone
 8x8x7 above ground
 firmly set and marked
 with 1 notch on E and 5
 notches on W. faces and
 S.C.C. on S. face with
 mound of earth alongside
 on which was placed the
 old Cor. mesquite-post
 with all marks destroyed.

I run
 North ^{0° 17'} bet Secs 35 and 36
 70 13° 21' E.

40.00 Set mesquite post 3 ft
 long 3 ins square with
 marked stone 12 ins

Subdivisions T. 3 N. R. 4 E

Chains in the ground for $\frac{1}{4}$ Sec. Cor.
 Marked $\frac{1}{4}$ S. on W face; dug
 pits $18 \times 18 \times 12$ ins N and S 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.

80.00 Set mesquite post 4 ft long 4 ins
 square with marked stone 12 ins
 in the ground for Cor to Secs 25, 26
 35 and 36 marked: -

T 3 N. S 25 on NE

R 4 E S 36 on S. E.

S 35 on SW.

and S 25 on N W faces
 with 1 notch on E and 1 notch on S 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 around
 post
 Land level

Submissions T3 N R 4 E

Chow Soil was a loam, 1st rate
No timber, dense brush.

Co. on a random line bet Secs 25+36
7a 13° 21' E.

40.00 Set Temporary 1/4 Sec Cor

80.20 Intersect the E boundary of T₃
23 Ets S. of the Cor. to Secs 25, 30, 31+36
herin before described; -

Thence I run
S 89° 50' W. on a true line bet Secs 25+36
7a 13° 21' E

40.10 Set mesquite post - 3 ft long 3 ins
square with marked storn 12
ins in the ground for 1/4 Sec Cor
marked 1/4 S. on N face, dug
pits 18+18+12 ins E and W
of post - 5 1/2 ft - dist - and raised a
mound of earth 1 1/2 ft high 3 1/2 ft base around ^{post}

Subdivision T 3 N R 4 E

Chains

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

Land level

Soil mesa loam, 1st rate
no timber, dense brush.

0° 1' 24"

 North, bet Secs. 25 and 26
70 13° 21' E

40.00 Set mesquite 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 W face, dug pits 18 x 18 x 12 ins N and S of post 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post -

80.00 Set mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for Cor to Secs. 23, 24, 25 and 26 marked

Subdivisions T3 N R 4 E

Chains T3 N S. 24 on N.E.

R 4 E S 25 on S.E.

S. 26 on SW

and S 23 on NW faces with
 1 notch on E, and 2 notches on
 S. edges, dug pits 18x18x12 ins
 in each Sec. 5 1/2 ft. dia and raised
 a mound of earth 2 ft high 4 1/2 ft base
 around post.

Land level

Soil mesa loam 1872 alt-

No timber, dense brush.

N 89° 50'

E. on a random line bet Secs. 24 and 25

70 13° 21' E

40.00 Set temporary 1/4 Sec Cor

80.10 Intersect - E. boundary of T₃
 10 lks S of the Cor to Secs
 19, 24, 25 and 30 herein before

Subdivisions T. 3. N. R. 4. E

Chain described. - Thence S Run
 S. 89° 46' N. on a true line bet Secs 24 + 25 -
 7a 13° 21' E

40.05 - Set - mesquite - 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 dug pits 78 x 18 x 12 ins
 E and W of post 3 $\frac{1}{2}$ ft - dist - and
 raised a mound of earth 1 $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft - base around post.

80.10 Cor to Secs 23, 24, 25 and 26

Land level

Soil mesa loam 181 rubs,

No timber, dense brush

At 12 o'clock M. To-day I found
 the latitude to be 33° 35' N. and
 the variation of the needle 13° 21' E
 and my compass in perfect adjustment.
 June 23^d, 1892,

Subdivisions T 3 N. R. 4 E.

Pharis North ^{0° 11' W} bet Secs. 23 and 24

ba 13° 21' E.

40.00 Set mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for 1/4 Sec. C₁ marked 1/4 S on W face, dug pits 18 x 18 x 12 ins N. and S. of post 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft. base around post.

80.00 Set mesquite post 4 ft long 4 ins square, with marked stone, 12 ins in the ground for C₁ to Secs. 13, 14, 23 and 24 marked

T 3 N S 13 on NE

R 4 E S 24 on SE

S. 23 on SW

and S. 14. on NW faces with 1 notch on E. & 3 notches on S. edges, dug pits 18 x 18 x 12 ins in

Subdivisions T. 3 N R. 4 E.

chains each Sec. $5\frac{1}{2}$ ft dist and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base around post.

Land level

Soil mesa low 10¹/₂ inch

No timber dense brush.

N $89^{\circ}46'E$. on a random line bet Secs 13 & 24

For $13^{\circ}21'E$

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

80.00 Intersect E boundary of T₃ 14 Secs N. of the Cor. to Secs. 13, 18, 19 and 24

herein before described. Thence I run

S $89^{\circ}52'$

N. on a true line bet Secs. 13 & 24

For $13^{\circ}21'E$.

40.00 Set mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ Sec N face. dug pits 18 x 18 x 12 ins.

Subdivisions T3 N R 4 E

Chains E and W of post $3\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post -

80.00 Cor to Secs 13, 14, 23 & 24.

Land level

Soil musa loam, 1st rate -

No timber, dense brush.

$N_{\frac{1}{2}}^{\circ 1, 11}$ bet. - Secs. 13 and 14.

Ca. $13^{\circ} 21'$ E

40.00 Set 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, dry pits, $15 \times 15 \times 2$ ins
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.

80.00 Set mesquite post 4 ft long
4 ins square with marked stone

Subdivisions T. 3. N. R. 4. E.

Placings 12 ins in the ground for Cor to Secs
11, 12, 13 and 14 marked

T. 3 N. S 12 on N. E.

R. 4 E. S 13 on S. E.

S. 14 on S. W.

And S. 11 on N. W. faces with
1 notch on E. and 4 notches
on S. edges, dug pits 15 x 15 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 around
Land level.

Soil Musc. loam, 18th rate
No timber, dense brush,

N 89° 3' - 2' E

E. on a random line bet Secs 12 & 13

40.00 Set temporary 1/4 Sec pin

80.00 Cut intersect E. boundary of T.
at the Cor to Secs. 7, 12, 13 & 18

Subdivisions T. 3. R. 4 E.

Chains S. $89^{\circ} 52' W$. Thence I run -
 on a true line bet. Secs. 12 & 13
 Va $13^{\circ} 21' E$
 40.00 Set post 4 ft long 4 ins square
 with marked stone 12 ins in the
 ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$
 S. on N face; dug pits 18 x 18 + 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

80.00 Cor to Secs 11, 12, 13 & 14

Land level

Soil mesa loam 1st rate
 No timber; dense brush.

$0^{\circ} 10' W$.

North, bet. Secs. 11 and 12.

Va $13^{\circ} 21' E$

40.00 Set mesquite post 3 ft long 3 ins
 square with marked stone 12

Subdivisions T 3 N R 4 E.

Chains ins in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ S on W face, dry pits
 18x18x12 N and S of post, $3\frac{1}{2}$ ft -
 dist and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.
 80.00 Set musquik post 4 ft long 4 ins
 square with marked stone, 12 ins
 in the ground for pits to Secs 1, 2, 11 & 12
 Marked: - T 3 N S 1 on NE
 R 4 E S 12 on SE
 S 11 on SW

and S 2 on N, W faces with
 1 notch on E and 5 notches on S,
 edges, dry pits 18x18x12 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
 around post.

Land level

Sail mesa loan 1st rate
 No timber; - dense brush.

Subdivisions T3 N R 4 E.

N 89° 52'

Chains $\frac{1}{4}$ Sec. a random line bet Secs. 1 & 12

7a 13° 21' E.

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

80.00 Subsect E. boundary of T₃ at the
Cor to Secs. 1, 6, 7 and 12 herein before
described. Thence run S 89°

52' N. on a true line bet. Secs. 1 and 12

7a 13° 21' E

40.00 Set - Palo Verde post 3 ft long
3 ins square, with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ Sec N face. dug pits

18 x 18 x 12 ins E and W of post
5 ft dist and raised a mound

of earth 15 ft high 3 1/2 ft base around ^{post}

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

Land level

Soil mesa loam, 1st rate.

No timber; dense brush.

Subdivisions T3N. R4E.

Chains $\frac{1}{4}$ ^{0° 1' W.} bet Secs 1 and 2.

On 13° 21' E.

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

79.91 Intersect at boundary of $\frac{1}{4}$ 10th $\frac{1}{4}$ Cor.
to Secs 1, 2, 35 and 36, hereinbefore described

Then I run

S $\frac{1}{4}$ ^{0° 3' W.} on a true line bet Secs 1 and 2

On 13° 21' E

39.91 Set post 3 ft long 3 ins square with
marked stone 12 ins in the ground for
 $\frac{1}{4}$ Sec. Cor marked $\frac{1}{4}$ Sec on W face, dug
pits 18x18x12 ins N & S of post 5 $\frac{1}{2}$ ft
dirt and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post

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

Sound level

Soil musc loam & strati,
No timber dense brush.

Examined my Compass and found it
to be imperfect - adjustment
June 23, '92.

Subdivisions T 3 N R 4 E

Chairs As I found the old Cor to Secs 34 and 35 on the S. boundary nearly obliterated I re established the same as follows:

Set a mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for Cor to Secs 2, 3, 34 and 35 marked

T. 3 N, S. 35 on N. E.

R. 4 E, S. 2 on S. E.

T. 2 N, S. 3 on S. W.

And S 34 on N. W. face, with 2 notches on E, and 4 notches on W. edge, dug pits 18x18x12 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 around post -

From this Cor I run

Subdivisions T3 N R4 E

Chains North ^{0° 1' 15"} bet. Secs, 34 and 35 -
 or 130° 21' E

40.00 Set mesquite post 3 ft long 3 in square, with marked stone 12 in in the ground for 1/4 Sec
 Cor marked 1/4 S on NW face, dug pits 18x18x12 in N and S. of post 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base around post

80.00 Set mesquite post 4 ft long 4 in square with marked stone, 12 in in the ground for cor to Secs, 26, 27, 34 & 35
 marked T3 N S 26 on NE

R4 E S 35 on SE

S. 34 on SW

and S. 27 on NW face with 1 notch on S and 2 notches on E edges
 dug pits 18x18x12 in 12 in in depth
 Sec. 5 1/2 ft dist, and raised a

Submissions T 3 N R 4 E

Chain mound of earth 2 ft high $4\frac{1}{2}$ ft base
around post;

Sand level

Soil mesa loam, 1st rate,
No timber; dense brush

E. on W random line bet Secs 26+35-

va $13^{\circ} 21' E$.

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

80.00 Intersect Rand Stone at the
Cor. to Secs 25, 26, 35 and 36

Thence I run,

N. on a true line bet. Secs 26+35-

va $13^{\circ} 21' E$

40.00 Set Plat Plow 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
dry pits 18x18x12 ins E or W

Subdivisions. T³ N R 4 E.

Chains 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.

80.00 Cor to Secs 26, 27, 34 and 35.

Land level

Soil mesu brown 1st rate.

No timber, dense brush.

North ^{0° 17'} bet. Secs. 26 and 27.

Pa. $13^{\circ} 21'$ E.

40.00 Set mesquite 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. dug pits 18x18x12 ins to and S 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

80.00 Set Post 4 ft long 4 ins square with marked stone 12 ins in

Subdivisions T. 3 N. R. 4 E.

Chains the ground for lots to Secs. 22, 23, 26 & 27
 marked T. 3 N. S. 23 on N. E.
 R. 4 E. S. 26 on S. E.
 S. 27 on S. W.

And S. 22 on N. W. face with
 2 notches on S and E edges, dug
 pits 18x18x12 ins in each Sec
 5 1/2 ft - dist and raised a mound
 of Earth 2 ft high 4 1/2 ft base
 around post

Level level

Soil mica loan 18th rate
 No timber, dense brush.

C. on a prairie line bet Secs 23 & 26
 on 13° 21' E.

40.00 Set temporary 1/4 Sec Cor
 80.08 Intersect N & S line 15 - bk of S
 of Cor to Secs. 23, 24, 25 and 26

Subdivisions T. 3 N. R. 4 E.

Chains

Thence I run

S $89^{\circ} 54' W$, on a true line bet Secs 28 & 26on $13^{\circ} 21' E$

40.04 Set mesquite Post 3 ft long 3 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec line marked $\frac{1}{4}$ S
on N. face; dug pits 18 x 18 x 12 ins
E and W of post $5\frac{1}{2}$ ft - dist and
revised a mound of earth $1\frac{1}{2}$ ft
high $3\frac{1}{2}$ ft - base around post

80.08 Cor to Secs 22, 23, 26 and 27

Land level

Soil mesu loam 1st rate

No timber, dense brush.

$0^{\circ} 1' W$.
N. bet. Secs. 22 and 23.

on $13^{\circ} 21' E$

40.00 Set post 3 ft long 3 ins square
with marked stone 12 ins in the

Subdivisions T. 3. N. R. 4 E.

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

80.00 Set mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for cor to Secs. 14, 15, 22 and 23 marked

T. 3 N. S. 14 on N E

R. 4 E S. 23 on S E

S. 22 on S W

And S. 15 on N W face with 3 notches on S and 2 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 around post
Land Sevil.

Subdivisions T³ N R 4 E

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

N 89° 54' E on a random line bet Secs 14 & 23
 Va 13° 21' E.

40.00 Subtemporary 1/4 Sec. Cor.
 79.86 Intersect Rand line at the cor
 of Secs 13, 14, 23 and 24. Hence run
 S 89° 54' W on a true line bet Secs 14 & 23
 Va 13° 21' E.

39.93 Set post 3 ft long 3 ins square
 with marked stone 12 ins in
 the ground for 1/4 Sec Cor. marked
 1/4 Sec N face dug pits 18 x 18
 x 12 ins. E and W. of post
 5 1/2 ft dist and raised a mound
 of earth 1 1/2 ft high 3 1/2 ft base
 around post -

79.86 Cor to Secs, 14, 15, 22 and 23,

Subdivisions T 3 N R 4 E

chains Board level

Soil Muscov loam, 15th rate
No timber, dense brush,

^{0° 4' W.}
N. bet Secs. 14 and 15
20. 13° 31' E.

40.00 Set post 3 ft long 3 ins square
with marked stone 12 ins in the
ground for 1/4 sec cor
marked 1/2 on W face, dug
pits 18 x 18 x 12 ins N and S of
post 5 1/2 ft dist and raised
a mound of earth 1 1/2 ft high
3 1/2 ft base around post.

80.00 Set post 4 ft long 4 ins sq
with marked stone 12 ins
in the ground for cor to Secs
10, 11, 14 and 15 marked
T 3 N. S 11 on N. E.

Subdivisions T. 3 N. R. 4 E.

chains R 4 E S 14 on S E

S 15 on SW

and S. 10 on NW faces with
4 notches on S. and 2 notches
on E edges; dug pits 18x18x12
ins in each Sec. 5 1/2 ft dist
and raised a mound of earth
2 ft high 4 1/2 ft base around
post.

Level level

Soil musa loam 1st rate
No timber, dense brush.

N. 89° 54' E. on a random line bet Secs 11 & 14

or 13° 21' E.

140.00 Set temporary 1/4 Sec cor

79.84 Intersect N & S line of Sec 11

S. of the cor to Secs. 11, 12, 13 & 14

Thence S run

Subdivisions T. 3 N R. 4 E.

Chain S $89^{\circ} 51'$ W on a true line bet Secs 11 & 14

va. $23^{\circ} 21'$ E

3992 Set mesquite 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, Aug 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

79.84 Cor to Secs 10, 11, 14 and 15 -

Land line

Soil mesa loam 1st rate

No timber; dense brush

North ^{$0^{\circ} 1' 25''$} bet Secs 10 and 11,

va $13^{\circ} 21'$ E

40.00 Set mesquite post 3 ft long
3 ins square, with marked stone

Subdivisions T 3 N R 4 E.

Chains 12 ins in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ S on W face, dug pits
 18x18x12 ins N & S 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.
 80.00 Set post 4 ft long 4 ins square
 with marked stone 12 ins in the
 ground for Cor to Secs 2, 3, 10 & 11
 marked; - T 3 N. S 2 on N E
 R 4 E S. 11 on S E
 S 10 on S W

and S. 3 on NW edges with
 5 notches on S. and 2 notches
 on E. edge w. dug pits 18x18x12
 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 around post -

Sand level
 Soil mesu loam 1st rate
 No timber, dense brush

June 24, 1892

Subdivisions T. 3. N. R. 4. E

chain N. 89° 51' E. as a random line bet Secs. 2 & 11
 on 13° 21' E

4000 Set temporary 1/4 Sec Cor
 79.88 intersect N. S. line 10 rods N of
 Cor to Secs 1, 2, 11 and 12. Hence true
 S 89° 55' W. as a true line bet Secs 2 & 11
 on 13° 21' E

39.94 Set wooden 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 dist and raised a mound
 of earth 1 1/2 ft high 3 1/2 ft. base around ^{post}.

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

Level level

Soil mesa loam 15' cat-
 to timber; dense brush

Subdivisions T³ N. R. 4 E.

Chains $N. 10^{\circ} 1' 11''$ on expansion line bet Sec 2 and 3

ru $13^{\circ} 21' E$

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

79.82 Intersect N. boundary of T³ N. R. 4 E. of
Secs. 1, 2, 35 and 36 herein before
described. Thence I run

$S 0^{\circ} 7' E$ on a true line bet Secs. 2 and 3

ru $13^{\circ} 21' E$

39.82 Set magquith 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, dig pits $75 \times 15 \times 12$ ins N & S of
post $3\frac{1}{2}$ ft dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

79.82 Cor to Secs 2, 3, 10 and 11

Land level

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

Subdivision T. 3. N. R. 4 E

From the cor to Secs. 33 and 34 on

S. boundary of T^h which is a stone
 $7 \times 6 \times 4$ ins above ground marked
 with 3 notches on E and W faces
 with mound of stone alongside
 no pits. — S. run

North ^{$0^{\circ} 2' 27''$} bet. Secs. 33 and 34

On $13^{\circ} 21' E$

11.00 Cross road bet. N.W. & S.E.

40.00 Set mesquite 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
 $18 \times 18 \times 12$ ins N & S of post 5 ft
 dist and raised a mound of
 earth 15 ft high 3 ft base around post.

80.00 Set mesquite post 4 ft long, 4 ins sq
 with marked stone 12 ins in
 the ground for cor to Secs 27, 28

Subdivisions T. 3 N. R. 4 E.

Chains 33 and 34 marked

T. 3 N. S. 27 on NE

R. 4 E. S. 34 on SE

S. 33. on SW.

and S. 28 on NW faces with
1 notch on S and 3 notches on E. edges

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 3 1/2 ft base
around post.

Land level

Soil mixed loam, 1st rate

No tim. br., dense brush

E. on a random line bet Secs 27 & 34

70° 13' 21" E

40.00 Set temporary 1/4 Sec Cor

80.00 Intersect N. and S. line at the

Co to Secs 26, 27, 34 and 35 -

Thence I run

Subdivisions T. 30 N. R. 14 E

Chains N. on a true line bet Secs. 27 + 34

7a 13° 21' E

40.00 Set mesquite 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; dug pits 18 + 18 + 12 ins E and W. of post $3\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

50.00 Cor to Secs 27, 28, 33 and 34

Low level

Soil never loam 1st rate
No timber; dense brush.

^{0° 2' 75.}
North _N bet Secs. 27 and 28.

7a 13° 21' E.

40.00 Set mesquite post 3 ft long 3 ins square, with marked stone, 12 ins in the ground for $\frac{1}{4}$ sec. cor marked

BOOK 16

Subdivisions T. 3. N. R. 4 E.

claims $\frac{1}{4}$ S on W face, dry pits $18 \times 18 \times 12$ ins N
 and S 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 ^{post} mound,
 80.00 Set mesquite post $4\frac{1}{2}$ ft long
 4 ins square with marked stone
 12 ins in the ground for posts Secs
 21, 22, 27 and 28 marked
 T 3 N S 22 on NE
 R 4 E, S 27 on SE
 S 28 on SW
 and S 21 on NW faces with
 2 notches on S and 3 notches
 on E. edges, dry pits $18 \times 18 \times 12$
 in each Sec $5\frac{1}{2}$ ft - dist and
 raised a mound of earth
 $2\frac{1}{2}$ ft - high $4\frac{1}{2}$ ft - base around post
 Level level
 Soil mesa loam, 1st rate
 No timber, dense brush.

Subdivisions T 3 N. R. 4 E.

Plains E. on a random line bet Secs 22 & 27.

va $13^{\circ} 21' E$

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

80.00 Intersect No 1 line at the Cor to
Secs. 22, 23, 26 and 27. Thence I run
N. on a true line bet Secs 22 & 27

va $13^{\circ} 21' E$

40.00 Set mesquit 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
dry pit 18 x 18 x 12 ins E 5 ft of post
5 $\frac{1}{2}$ ft - dist and raised w mound of
earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 Cor to Secs 21, 22, 27 and 28

Land level

Soil mesq. loam 1st rate

No timber, dense brush.

Apr-12 o'clock M. to day & took latitude
and found it to be $38^{\circ} 35' N.$ & my Compass
in perfect order, June 25, 1842

Subdivisions T3 N R 4 E.

0° 2' 27"

Chains North, bet. Secs. 21 and 22

ra 13° 21' E

40.00 Set mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec 21 marked $\frac{1}{4}$ S on W face. dug pits 18 x 18 x 12 ins N and S. of post 3 $\frac{1}{2}$ ft dia and raised a mound of stone $1\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 Set mesquite post 4 ft long 4 ins sq with marked stone 12 ins in the ground for cor to Secs 15. 16. 21 and 22. marked
 T. 3. N. S. 15 - on N. E.
 R. 4 E. S. 22 on S. E.
 S. 21 on S. W.

And S. 16 on NW faces with 3 notches on S and E edges dug pits 18 x 18 x 12 ins in each Sec. 5 $\frac{1}{2}$ ft dia and raised a

Subdivisions T. 3 N. R. 4 E

Chains mound of earth 2 ft high $4\frac{1}{2}$ ft base around ^{post}

Land level

Soil mesa loam, 1st rate

No timber, dense brush

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

va $13^{\circ} 21'$ E.

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

80.00 Intersect N + S line at the cor to
Secs. 14, 15, 22 + 23. Thence I run
N. on a true line bet. Secs. 15 + 22

va $13^{\circ} 21'$ E

40.00 Set mesquite 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
dig pits 18 x 18 x 12 ins. E of
post 3 $\frac{1}{2}$ ft - dist. I raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft - base around
post.

Subdivisions T3, N R, E,

Chains
8000

Cor to Secs 15, 16, 21 and 22

Level level

Soil mesa loam 1st RateNo timber, dense brush,North ^{0° 2' 37"} bet. Secs. 15 and 16,

on 13° 21' E.

4000

Set mesquite post 3 ft long 3 ins square
with marked stone 12 ins the ground,
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on N
face, dug pits 78 x 18 x 12 ins N of
post and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.
From which mesquite tree 5 ins diam
has S 17° E 76 lbs dist marked
 $\frac{1}{4}$ S. B. Y.

80,00

Set Stone 15 x 8 x 5 ins 10 ins
in the ground for Cor to Secs 9, 10
15 and 16 marked with #1

Subdivisions. T. 3 N. R. 4 E

chains notches on S and 3 notches on E face
 dug pits 18x18x12 ins in each Sec,
 8 1/2 ft dist and raised a mound
 of earth 2 ft high 4 1/2 ft base
 alongside.

Land level

Soil mesa loam. 18 Natl
 No timber, dense brush.

June 25, 1892

E. on a random line bet Secs 10 & 15-

ra 13° 21' E

40.00 Set temporary 1/4 Sec cor

80.00 Intersect N and S line at the Cor
 to Secs. 10, 11, 14 and 15. Then I run
 N, on a true line bet Secs 10 and 15-

ra 13° 21' E

40.00 Set mesquite posts 3 ft long 3 ins
 square with marked stone 12 ins
 in the ground for 1/4 Sec. cor.

Subdivisions T3 & R4 E

chains marked $\frac{1}{4}$ S on N face, dug pits $18 \times 18 \times 12$ ins E and W. of post $5\frac{1}{2}$ ft dia and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

80.00 Cor to Secs. 9, 10, 14 and 15

Land level

Soil mesa loam, 1st rate
No timber; dense brush

North ^{$0^{\circ} 2' 24''$} bet. Secs. 9 and 10,
70 $13^{\circ} 21' E$.

40.00 Set mesquite 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 $18 \times 18 \times 12$ ins N & S
of post $5\frac{1}{2}$ ft dia and raised a
mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post.

Subdivisions T3 N. R4 E

Chains

80.00 Set mesquite post 4 ft long 4 ins square
with marked stone 12 ins in the
ground for lots 3, 4, 9 & 10 marked
T3 N3 on N. E.

R 4 E S 10 on S. E.

S 9 on SW

and S 4 on N W faces with
5 notches on S and 3 notches on
E. edges; 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
around post.

Sound level

Soil mesa loam 1st rate

No timber; dense brush.

At 12 o'clock P.M. to day I took latitude
which I found to be $33^{\circ} 37' N$. The ra
of the needle $13^{\circ} 21' E$. Compass in
good adjustment.

Subdivisions T3 N R 4 E

- Chs E. on a random line bet Secs 3 & 10
 ra $13^{\circ} 21' E$,
- 40.00 Set temporary $\frac{1}{4}$ Sec Cor
- 80.08 Intersect N. & S. line 14th E
 S. of the cor. to Secs 2, 3, 10 and 11
 Thence I run
 S $89^{\circ} 34' W$ on a true line bet Secs, 3 & 10
 ra $13^{\circ} 21' E$
- 40.04 Set 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
 dug pits $75 \times 15 \times 12$ ins E & 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
- 80.08 Cor to Secs 3, 4, 9 and 10.
 Land level
 Soil mesa loam, 1st rate
 No timber; dense brush

Subdivisions T 3 N R 4 E

Chains $\begin{matrix} \text{N.} \\ \swarrow \end{matrix}$ on a ^{0° 2' W.} random line bet. Secs. 3 & 4.
 Va 13° 21' E

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

79.73 Intersect N. boundary of the $\frac{1}{4}$ Sec
 10 ^{W.} $\begin{matrix} \text{N.} \\ \swarrow \end{matrix}$ the Cor. to Secs. 3, 4, 33 & 34 herein
 before described. Hence I run
 $\begin{matrix} \text{S.} \\ \swarrow \end{matrix}$ on a ^{0° 2' W.} true line bet Sec 3 and 4
 Va 13° 21' E

39.73 Set 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 10 ft
 dug pits 18 x 18 x 12 ins N & S 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.

79.73 Cor to Secs 3, 4, 33 and 34.

Ground level

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

Subdivisions T. 3. N. R. 4 E.

Chains From the Cor. to Lees 32 and 33

on the South boundary of the township
herin before described, I run
North ^{02° 16'} bet. Secs 32 and 33
bet 13° 21' E

Ascending slope

- 4.00 Top of ridge or spur of mt. bet 11
descend
- 14.00 Base of N.E. Spur of mountain
- 30.00 Foot of slope enter valley 150 ft below top
of spur
- 40.00 Set Iron wood post 3 ft long 3 ins
square with marked stem 14 ins
in the ground for 1/4 Sec Cor
marked 1/4 Sec to face; dug pits
18 x 18 x 12 ins N & S of post 8 1/2 ft
dial and raised a mound of earth
1 1/2 ft high 3 1/2 ft base around post.
- 62.00 Cross way on road bet N 75° W
- 80.00 Set mesquite post 4 ft long 4 ins

Subdivisions T 3, N R 4 E.

chains square, with marked stone 12 ins in
the ground for Sec to Secs 28, 29, 32 & 33

marked T 3 N. S 28 on N E

R 4 E. S 33 on S E,

S 32 on S W

and S 29 on NW faces with
1 notch on S and 4 notches on E. edges
dry pits 18x18x12 ins in each Sec 5 1/2 ft
bls and raised a mound of
earth 2 ft high 4 1/2 ft base around post.

Soil level N² mountains
S 1/2
Soil N² loam, 1st rate. S 1/2

Rocky and marsh less.

No timber, dense brush

E. on a random line bet Secs 28 & 33

on 13° 21' E

40.00 Set temporary 1/4 Sec Cr

80.18 Intersect N S. line 19 lks S

ms.

Subdivisions T. 3. N. R. 4. E.

Chains of the Cor. to Secs 27, 28, 33 & 34

Thence I run ~~to~~

S $89^{\circ} 52'$ W. on extreme line bet Secs 28 & 33

to $13^{\circ} 21'$ E

40.09 Set Rat Paw post 3 ft long 3 ins sq
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec for marked
 $\frac{1}{4}$ S on N. face; dug pits 18 x 18 x 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.

40.18 Cor. to Secs, 28, 29, 32 and 33.

Lowd limit.

Soil misc loam, 18 in.

No timber, dense brush

North ^{$0^{\circ} 21'$ W.} bet. Secs, 28 and 29.

to $13^{\circ} 21'$ E.

40.00 Set mesquite post 3 ft long 3 ins

Subdivisions T. 3. N. R. 4. E.

chains square, with marked stone 12 ins in
the ground for 14 sec. for marked 14 S on 7 S
face. dug pits 18 x 18 x 12 ins to set post-
5 1/2 ft. dia. and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base around post-

80.00 Set mesquite post 7 1/2 ft long 4 ins
square, with marked stone, 12
ins in the ground for sec 20, 21, 28 and 29 marked
T. 3. N. S. 21 on NE

R. 4. E. S. 28 on SE

S. 29 on SW

and S. 20 on NW faces with
2 notches on S and 4 notches
on E edges; dug pits 18 x 18 x 12
in each sec. 5 1/2 ft dia. and
raised a mound of earth 2 ft high
4 1/2 ft base around post.

Land line

Subdivision T³N R⁴E.

chain Soil mesa loam, 1st rate
No timber, dense brush.

N. 89° 52' E., on a random line bet. Secs. 21 & 28
7a. 13° 21' E.

40.00 Set temporary 1/4 Sec 1/4 Sec.

80.08 Cut across A and S line of the S of
the Cor to Secs. 21, 22, 27 and 28.

Thence I run

S 89° 45' W. on a true line bet. Secs 21 & 28
7a. 13° 21' E

40.04 Set post 3 ft long 3 ins square
with marked stone 12 ins in the
ground for 1/4 Sec 1/4 Sec marked 1/4
S. on N face, dug pits 18x18x12
ins E & W. of post 3 1/2 ft dist
and raised a mound of earth
1 1/2 ft high 3 1/2 ft base around post.

80.08 Cor to Secs 20, 21, 28 and 29

Subdivisions T 3 N. R 4 E

chains Land level

Soil mesa loam, 1817 ab

No timber; dense brush

North ^{10° 2' 27"} bet. Secs. 20 and 21.

Va 13° 21' E

40.00 Set post 3 ft long 3 ins square
with marked stone, 12 ins in the
ground for $\frac{1}{4}$ Sec for marked $\frac{1}{4}$
S, on N face. Dig pits 18 x 18 x 12
ins N and S of Post 3 $\frac{1}{2}$ ft dia &
raised a mound of earth $1\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base around post

80.00 Set magnite post 4 ft long
4 ins square, with marked stone
12 ins in the ground for Cor
to Secs. 16, 17, 20 and 21 marked
T 3 N, S 16 on NE
R 4 E S 21 on SE

Subdivisions T₃ N. R. 4 E

chains S 20 on SW

and S 17 on NW faces with
3 notches on S and 4 notches on
E edges. Aug pits 18x18x12 ins
in each sec 5 1/2 ft dist and
raised a mound of earth
2 ft high 4 1/2 ft base around
pits. Ground level

Soil musabonn 1st rate

No lumber; dense brush

N 89° 48' E, on a parallel line bet. Secs 16 & 21
va. 13° 21' E

40.00 Set temporary 1/4 Sec line

80.10 Intersect NW line 20 thro N
of the cr. to Secs. 15, 16, 21 & 22 thence I run

S 89° 05' W, on a true line bet. Secs 16 & 21
va. 13° 21' E

40.05 Set post 3 ft long, 3 ins square with

Subdivisions T. 3 N. R. 4 E.

chains marked stone, 12 ins in the ground for
 1/4 sec cor. marked 1/4 S on N. face, dug pits 18x
 18x12 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 -
 80.10 cor. to Secs. 15, 16, 21 and 22.

Land level

Soil mesa loam 18" thick
 No timber, dense brush,

North ^{0° 2' W.} of Secs. 16 and 17.

Co. 13° 21' E.

40.00 Set 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 18x18x12 ins N & S 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}
 80.00 Set mesquite post 4 ft long 4 ins

Subdivisions, T. 3 N. R. 4 E.

chains square with marked stone 12 ins
in the ground for Cor to Secs. 8, 9
16 and 17 marked

T. 3. N. S. 9 on NE

R. 4 E. S. 16 on SE

S 17 on SW

and S 5 on NW face with
4 notches on S. and E edges,
dug pits 18 x 18 x 12 ins in each
Sec. 5 1/2 ft dia and raised a
mound of earth 2 ft high 4 1/2 ft
base around post -

Level level

Soil mesu loam 1st rate

No timber, dense brush

N 89° 57' E. on a random line bet. Secs. 9 & 16

va. 13° 21' E.

40.00 Set temporary 1/4 Sec. Cor.

BOOK

Subdivisions T. 3. N. R. 4 E.

80.00 Intersect N and S line at the
 cor. to Secs 9, 10, 15 and 16. Thence S ran
 $S 89^{\circ} 57' W.$ on w true line bet Secs 9 & 16
 Va $13^{\circ} 21' E$

40.00 Set ^{Post} stake 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; dug pits $18 \times$
 18×12 ins E & W of post, $6\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 around post -

80.00 Cor to Secs. 8, 9, 16 and 17
 Land level

Soil meso loam 1st rate
 No timber, dense brush

North ^{$82^{\circ} W$} bet Secs. 8 and 9
 Va $13^{\circ} 21' E$.

40.00 Set post 3 ft long, 3 ins square
 with marked stone, 12 ins in

Subdivisions T. 3. N. R. 4 E.

Chenisthe ground for $\frac{1}{4}$ Sec. Cor marked
 $\frac{1}{4}$ S. on W. face; dug pits $18 \times 18 \times 12$
 ins N and S of post and raised a
 mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
 base around post.

80.00 Set-post 4 ft long 4 ins square with
 marked stone 12 ins in the ground
 for cor to Secs 4, 5, 8 and 9 marked
 T. 3 N. S 4 on N E

R. 4 E. S 9 on S E.

S 8 on SW

and S 5 on NW faces with 5
 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 & raised
 a mound of earth 2 ft high $4\frac{1}{2}$ ft
 base around post.

Land level

Soil mesulocan 100 rate
 No timber, dense brush,

Subdivisions T. 3 N. R. 4 E

Chains S 89° 57' E. on a random line bet Secs 4 & 9

va 13° 21' E

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

80.00 Intersect G and I line at the
 cor to Secs. 3, 4, 9 and 10 Thence I run
 S 89° 57' W. on a true line bet Secs 4 & 9

va 13° 21' E

40.00 Set misc rail post 3 ft long 3 ins
 square with marked stone 12 ins in the
 ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ Sec N face
 dug pits 18 x 18 x 12 E & 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

80.00 Cor to Secs 4, 5, 8 and 9

Land level

Soil mesa from 1st rate

No timber, dense brush.

Subdivisions T. 3. N. R. 4 E.

Chains $N. 0^{\circ} 21' W.$ random line bet. Secs. 4 and 5
7a 13. 21' E.

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

79.64 Subsect - N boundary of Township
26 lks. W. of the bet. to Secs.
4, 5, 32 and 33.

Then I run
So. $09^{\circ} W.$ on true line bet Secs. 4 & 5
7a 13 $^{\circ} 21'$ E

39.64 Set 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
raised mound of earth
 $1\frac{1}{2}$ ft - high $3\frac{1}{2}$ ft -
base around post -

79.64 Cor. to Secs. 4, 5, 8 and 9
Sand level

Subdivisions of 3 N R 4 E

Chaus Soil sandy loam 2nd row
No timber, dense brush.

June 27, 1892
At 12 o'clock P.M.
to day, I took latitude and
found it to be $33^{\circ} 38' N$.
and the variation of the needle
 $13^{\circ} 21' E$ of the true Meridian.
I also examined my
Compass and found it
to be in perfect adjustment.

Subdivisions T3, N R 4 E

The Cor to Secs 31 and 32 on the South Boundary of the Township not having been established on account of precipitous Mountain, I go to the Cor to Secs. 28, 29, 32 and 33

Thence I run West bet Secs 29 and 32

7a $13^{\circ} 21' E$

8.00 cross road bet S. E + N. W

40.00 Set Mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on N. face; dug post $18 \times 18 \times 12$ ins E and W of post $5\frac{1}{2}$ ft dia and raised a mound of earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft base around post

80.00 Set Palo Verde post 4 ft long 4 ins square with marked

BOOK 16,

subdivision of 3. N. R. 4 E

chain stone 12 ins in the ground for
 cor to Secs 29, 30, 31 and 32
 marked T. 3 N. ⁵R 29 on N E
 R 4 E S 32 on S E
 S 31 on S W

and S 30 on N W faces
 with 1 notch on S and 5 notches
 on E. edges; dug pits 18+18
 +12 ins in each Sec 5 1/2 ft
 dia and raised a mound
 of earth 2 ft high 4 1/2 ft
 base around post -
 Land level

Soil mesa gravel 2nd rate
 No timber, dense brush

The N 1/2 of Sec 32 being
 good agricultural land
 under a projected canal

BOOK 16

Subdivisions T 3 N R 4 E

chains

I run

S. $0^{\circ} 31' \frac{E}{8}$ bet. Secs 31 and 32
 run 130 30' E.P.

40,00

Set granite stone 15 + 7 x 7 ins
 10 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
 alongside Pits impracticable
 This $\frac{1}{4}$ Sec Cor is at the base
 of a mountain that rises
 abruptly to the South and
 it is impracticable to extend
 the line further South.

Land level

Soil mesa gravel 2nd rate
 No timber; dense brush

Subdivisions T. 3 N. R. 4 E.

- Chains Referring to the Cor to Secs 29, 30
31 and 32 I run
N. on a random line bet Secs 30 & 31
40.00 Set temporary $\frac{1}{4}$ sec cor.
82.00 Intersect W. boundary of the
township 25-els N. of the Cor.
to Secs. 25, 30, 31 and 36 herein before
described Thence I run
N $89^{\circ} 49' E$, on a true line bet Secs. 30 & 31
70 13 $^{\circ}$ 21' E
Ascending rugged mountain slope
42.00 About 350 yds above Sec
Cor Set granite rock 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 12 ft high to
3 ft base along side
42.00 Commenced to descend

BOOK 16

Subdivisions T 3 N R 4 E

Chs rocky slope of mountain
 50.00 Bottom of slope 350 feet below
 Summit: enter valley
 82.00 Cor to Sics 29, 30, 31 and 32
 Land West part mountainous.
 East $\frac{1}{3}$ level good soil.
 No timber, dense brush,

North $83^{\circ} 20'$ bet. Sics. 29 and 30.
 on $13^{\circ} 21'$ E.

40.00 Sit-Palo Verde 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. dug pit
 $18 \times 18 \times 12$ ins N and S of post $3\frac{1}{2}$ ft
 dist and raised a mound of
 earth 4 ft high $3\frac{1}{2}$ ft low around post.

80.00 Sit-post 4 ft long 4 ins square
 with marked stone 12 ins in the

Subdivisions T 3 N R 4 E.

Chains ground for cor. to Secs 19, 20, 29
and 30 marked

T 3 N S. 20 on N E

R 4 E S. 29 on S E,

S. 30 on SW

and S 19 on NW faces with
2 notches on S and 5 notches on
E edges; dug pits 18 x 18 x 12 ins
in each Sec. 5 1/2 ft dia - and
raised a mound of Earth 2
ft high 4 1/2 ft base around
post.

Land gently rolling

Soil mesagrand 3rd rate

No timber, dense brush.

E. on a random line bet Secs 20 + 29

va 13° 21' E.

40.00 Set temporary 1/4 Sec Cor

Subdivisions T3N R4 E.

Chains 80.00 Cor to Secs 20, 21, 28, and 29.

Thence I run
N. on a true line bet Secs 20 and 29
ra $13^{\circ} 21' E$

40.00 Set mesquite post 3 ft long
3 ins square, with marked
stone 1 1/2 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 and W of post 5 1/2 ft
dist and raised a mound
of earth 1 1/2 ft high 3 1/2 ft base
around post.

79.00 Cross road bet N.W.

80.00 Cor. to Secs 19, 20, 29 and 30

Land gently rolling
Soil gravelly. 2nd rate
No timber, dense brush

Subdivisions T 3 N R 4 E

Chain S. $89^{\circ}49'N$. on a perpendicular line bet Secs 19 & 30

run $13^{\circ}21'E$

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

82.10 Intersect W. boundary of the township 15 lks S. of the Cor. to Secs 19, 24, 25 and 30

Thence I run

N $89^{\circ}55'E$, on a true line bet Secs. 19 & 30

run $13^{\circ}21'E$

42.10 Set mesquite post 1-3 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; dug pit 18 x 18 x 12 ins E and W of post $3\frac{1}{2}$ ft dia and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post -

82.10 Cor to Secs 19, 20, 29 and 30

Subdivisions T3N R4E

Chains Land measured rolling
 Soil coarse gravel 3^d rate
 No timber, dense brush.

North ^{0° 3' W.} bet. Secs. 19 and 20.

7a 13° 21' E.

1.50 Cross road hrs NWSE

40.00 Set 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. dug pits 18 x 18 x
 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.

80.00 Set post 4 ft long 4 ins
 square, with marked stone
 12 ins in the ground for
 Cor to Secs 17, 18, 19 & 20

Subdivisions T 3 N R 4 E.

Chains marked T 3 N S. 17 on N.E.
R 4 E. S 20 on S E
S. 19 on SW

and S. 18 on NW face with
3 notches on S. and 5 notches
on E. edges; dug pits 18 x 18 x
14 ins in each Sec. 5 1/2 ft
dia and raised a mound
of earth 2 ft high 4 1/2 ft base
around post.

Land level

Soil muskeg gravel 2nd notch

No timber, dense brush.

E. on a random line bet Secs. 17 & 20

70° 13' 21' E.

40.00 Set temporary 1/4 Sec Cor

80.00 Intersect N and S line at the
Cor to Secs 16, 17, 20 and 21

Chenais

Thence I run

Now a true line bet Secs 17 & 20

va $13^{\circ} 21' E$

40.00 Set mesquite 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; dug pits $18 \times 18 \times 12$ ins E of post $5\frac{1}{2}$ ft dia and raised on mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post -

80.00 Cor to 17, 18, 19 and 20

Land level

Soil mesa gravel, 2nd rate

No timber, dense brush

S. $89^{\circ} 55' W$, on a random line bet Secs 18 & 19va $13^{\circ} 21' E$ 40.00 Set temporary $\frac{1}{4}$ Sec Cor

Subdivisions T 3 N. R. 4 E.

Chains

- 83.22 Submerged W. boundary of the L¹/₂
at the cor to Secs. 13, 18, 19 and 24
Thence I run
N 84° 55' E. on a true line bet Secs 18 & 19
4.00 Express road hrs N 24° S. E.
43.22 Set 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 the N. face. dug pits
18 x 18 x 12 ins E and W. of post
 $5\frac{1}{2}$ ft - dia and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.
- 83.22 Cor. to Secs. 17, 18, 19 and 20
Land gently rolling
Soil mica gravel 2nd rate
No timber, dense brush

Sub-divisions T. 3 N R. 4 E

Chain's North, ^{3° 3' W} bet. Secs. 17 and 18.

ca 13° 21' E

- 40.00 Set post 3 ft long 3 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec per marked
 $\frac{1}{4}$ Sec on N. face, dug pits 18 x 18 x 12
ins N and S. of post $3\frac{1}{2}$ ft dist
and raised a mound of earth
1 $\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.
- 80.00 Set Mesquite post 4 ft long 4 ins
square with marked stone
12 ins in the ground for Cor
to Secs. 7, 8, 17 and 18 marked
T. 3 N S 8 on NE
R. 4 E S 17 on SE
S 18 on SW
and S 7 on NW faces with
4 notches on S and 5 notches on
E edges, dug pits 18 x 18 x 12

Subdivisions T³ A R & E.

Chains ins in each sec. 5 1/2 ft dist
and raised a mound of earth
2 ft high 4 1/2 ft base around post.

Ground level

Soil mesa loam 1st rate

No timber, dense brush

Corner of pond line bet Secs 8 and 17

7a 13° 21' E

40.00 Set temporary 1/4 sec cor

80.00 Intersect A and S line at the
cor to Secs. 8, 9, 16 and 17.

Thence S run

N. on true line bet Secs 8 & 17

7a. 13° 21' E

40.00 Set mesquite post 3 ft long 3 ins
square with mounded 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

Subdivisions T3 N R4 E

Chains 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.

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

Land level

Soil mesa loam, 1st rate

No timber; dense brush

$S 89^{\circ} 55' W.$ on a pendown line bet Secs 7 & 18
7a. $13^{\circ} 21' E.$

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

83.08 Intersect W. boundary of T₃
26-cks S. of the cor. to Secs. 7, 12, 13 &
18. Thence I run

$S 89^{\circ} 55' E.$ on a true line bet. Secs 7 & 18
7a $13^{\circ} 21' E.$

43.08 Set post 3 ft long 3 ins square
with marked stone 12 ins in
the ground for $\frac{1}{4}$ sec for marked

Subdivisions T. 3. N. R. 4 E.

Chain's $\frac{1}{4}$ Sec on N. face, dug pits $18 \times 18 \times 12$ ins E and W. of post $3\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around Post.

83.08 Cor to Secs 7, 8, 17 and 18.
 Land gently rolling
 Soil mesa gravel - 2nd rate
 No timber; dense brush.

North $^{\circ} 3' W$ bet Secs. 7 and 8,
 on $13^{\circ} 21' E$

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

Subdivisions T3 N. R. 4 E.

around post:

80.00 Set mesquite post 4 ft long 4 in square with marked stone 12 in in the ground for lot to Sec 5, 6, 7 and 8 marked; -

T. 3 N. S. 6 on NE

R. 4 E. S. 8 on SE,

S. 7 on SW.

and S. 6. on NW face with 5 notches on S and E edges; dug pits 18 x 18 x 12 in in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base around post.

Sound level

Soil mesquite loam, (stale)
No timber; dense brush

BOOK 16

Subdivisions T3 N R 4 E

Chain E, on W and on line bet Secs 5 & 8
Va. 13° 21' E

40.00 Set temporary 1/4 Sec Cor

80.08 Intersect A and B line 12 chs N.
of the Cor to Secs 4, 5, 8 and 9

Thence I run
N 89° 55' W, on a true line bet Secs 5 & 8
Va 13° 21' E.

40.04 Set 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 78 x 18 x 12
ins E and W. of post 5 1/2 ft dist
and raised a mound of earth
1 1/2 ft high 3 1/2 ft base around post.

80.08 Cor to Secs 5, 6, 7 and 8

Land level

Soil more loam 18+ rate

No timber; dense brush

Subdivisions T & N R 4 E

chains N. $89^{\circ}55'$ W. on a random line bet Secs 6 & 7

va $13^{\circ}21'E$

40.60 Set temporary $\frac{1}{4}$ Sec Cr.

83.68 Cu intersect W. boundary of.
Sp at the cor to Secs. 1, 6, 7 and 12

Thence run

S. $89^{\circ}55'E$ on a true line bet Secs 6 + 7

va $13^{\circ}21'E$

43.68 Set post 3 ft long, 3 ins square
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4}$ Sec on N face, dug pits 18 x 18
x 12 ins E & 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.

83.68 Cor to Secs 5, 6, 7 and 8

Land gently rolling
Soil loam & gravel 2nd rate
No timber, dense brush

Subdivisions T. 3. N. R. 4 E.

Chains North ^{0° 3' 27"} on a random line bet. Secs 5 & 6.
 ra 13° 21' E

40.00 Set temporary 1/4 Sec. Cor.

79.55 Intersect N. boundary of Tr. 20
 West of the Cor. to Secs 5, 6, 31 and 32
 herein before described.

Thence I run
 S. ^{0° 6' 17"} on a true line bet. Secs 5 and 6
 ra 13° 21' E

39.55 Set - mesquite post 3 ft long
 3 ins square with marked
 stone 1 1/2 ins in the ground for
 1/4 Sec Cor marked 1/4 S. on N.
 face dug pit 18 x 18 x 12 ins
 N & S of post 5 1/2 ft dist and
 raised a mound of earth
 1 1/2 ft high 3 1/2 ft base
 around post.

79.55 Cor to Secs 5, 6, 7 and 8

Subdivisions T3 N R 4 E.

chain's Land line

Soil sand loam 2nd rate
to timber, dense brush

I carefully examined the
adjustment of my Compass
and found it in perfect order.

General Description.

With the exception of Sec 31 and
the S $\frac{1}{2}$ of Sec 32 this Tr is level.
Soil deep and fertile, but
entirely desert. There is no
water and no sign of any
settlement, but the surface
is covered with a dense growth
of mesquite, greasewood, Palo
Verde & Cat-claw brush.
The Trs N. & E. of it - should
be surveyed.

A large portion of the La. West
Bit is mountainous.

Ridgely C. Powers

U. S. Deputy Surveyor

June 28th, 1892.

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. 3 N. R. 4 E.

of the Gila and Salt River Meridian
in 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.

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