

Book "B"

v.

A

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BOOK 644

4-671

No. 644

644

FIELD NOTES

GENERAL LAND OFFICE.

PRELIMINARY OATHS OF ASSISTANTS.

We, John K. Burnham
and Millard

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

Township No. 5 South of
Range No. 30. East

BOOK 644

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

John K. Burnham, Chainman.

Millard Preston, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this 8th day
of June, 1902.

John Wash

Notary Public.

[SEAL.]

My commission expires July 3 1904

We, John K. Brunham Millard Preston ^{1A}

and Horace Gardner

do solemnly swear that we will well and truly perform the duties of
flagman and ~~axman~~ ^{moundman}, in the establishment of corners and other duties,
according to instructions given us, to the best of our skill and ability, in

the survey of the Township No. 5 South
Range No. 30, East.

BOOK 644

of the Gila and Salt River Base and Meridian, in the Territory of
Arizona.

Horace Gardner, Flagman.

John K. Brunham, Moundman
Axman.

Millard Preston, Moundman
Axman.

_____, Axman.

Subscribed and sworn to before me this 8th _____ da,

of June, 1902.

John Wash

Notary Public.

My commission expires July 3 1903

No. 644

BOOK 644

1
B

Field notes of the survey
of the subdivision
of
Township No. 5 South
of Range No. 30 East
of the Gila and Salt River
Base and Meridian,
in the Territory of Arizona,
as surveyed by
John Wash

U. S. Deputy Surveyor.

Under his contract No. 83.

Dated May 23 1901

Survey commenced June 9th 1902

Survey completed June 21th 1902

Names and duties of assistants
 John H. Burnham } Woundman.
 } Chairman.
 Willard Pustow } Woundman.
 } Chairman.
 Horace Gardner } Flagman.

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BOOK 644
 BOOK 645

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Subdivision T. 5 S. R. 30 E.

Chains Survey continued from
survey of W & E bdy of
Township

From Cor T. 5 S. R. 30 & 31 E
which is also cor to sec. 31 & 36

which is a post in a
mound of stone marked
as described by the surveyor
general. I run W on 1st

Standard Parallel. and
40.22 find remains of mound
of stone and at 80.41 fall 1 1/2 lks
S of cor. to sec. 35 & 36

W ~~lot~~ ~~sec~~ on Standard
Parallel on S bdy sec. 35 at
40.25 fall 2 lks N of 1/4 sec.
marked and witnessed as
described by surveyor
general and at 80.43 inter-
sect sec. cor to sec. 34 & 35

Subdivision T. 5 N. R. 30 E.

Chains Therefore the bearings are as stated by the surveyor General but the chaining is long compared with mine.

At cor to sec. 35 & 36 on
 June 9th Standard Parallel at 8 A.M.
 l. m. t. set off $22^{\circ} 54'$ ^N on dec. arc.
 and co-lat. of $57^{\circ} 04'$ and
 determine true meridian
 with solar. Thence I run
 N $5^{\circ} 1'$ W on true line bet.
 sec. 35 & 36. Ascend slope

- 8.00 Top of mesa.
 15.00 Dry Gulch course S.W.
 40.00 Set volcanic stone $14 \times 8 \times 6$
 9. in. in ground for $\frac{1}{4}$ sec.
 cor to sec. 35 & 36 marked
 $\frac{1}{4}$ S on W. face and raise
 a mound of stone $2\frac{1}{2}$ ft base
 $2\frac{1}{2}$ ft high W of cor. ^{Pits} impracticable

Subdivision T. 5 S. R. 30 E.

Chains N over mesa.

- 60.00 Brink of canyon
- 61.50 Bottom of canyon 30 lbs wide
course W.
- 66.00 Brink of 2nd canyon
- 72.00 Bottom of canyon 200ft deep
250 lbs wide course S.W.
- 74.50 Ascend to cor.
- 80.00 Set granite stone 14x10x6
in mound of stone as solid
rock is 2 inches under the
surface for cor. to sec.
25. 26. 35 & 36 marked 1 north
on S and Snow E edges
mound of stone 3ft base
2ft high Pits impracticable
Land level and mountain^{ous}
Soil poor, stony 4th rate.
Scattering mesquite in canyons.
Slightly Mountainous 28 chains.

Subdivision T. 5 S. R. 30 E.

Chains E on random line bet secs
25-7-36.

40.20 Set temp $\frac{1}{4}$ sec. cor

80.32 Intersect E. bdy of Tp 15 Chs.
N of cor to secs 25, 30, 31 & 36.
N. $89^{\circ} 54'$ W on true line
over mesa.

17.00 Road Gila to Clifton bears N. & S.

38.00 Dry wash 20 Chs wide course ^{S.W.}

40.16

~~40.12~~

40.16

Set volcanic stone 16x12x10

12 in. in ground for $\frac{1}{4}$ sec.

cor. to secs. 25-7-36 marked

$\frac{1}{4}$ S on N face and raise

a mound of stone 3ft

base 3ft high N of cor.

W. over mesa.

74.5-8 Brink of canyon.

76.00 Bottom of canyon 250 Chs wide
course S.W.

78.5-0 Ascend to cor.

Subdivision T. 5 S. R. 30 E.

chains

80.32 at cor secs 25, 26, 35 & 36.

Land level and mountainous
Soil poor, stony, 4th rate.

Scattering mesquite in cañons.

Mountainous 5-chains

N. 0°, W on true line bet.

secs. 25 & 26. ascend slope

12.50 Edge of mesa.

N. over level mesa.

40.00 Set sandstone 24. x 18 x 4 14 in.

in ground for $\frac{1}{4}$ sec. cor.

to secs. 25 & 26 marked 45 on

W. face and raise a mound

of stone 3 ft base 2 ft high

N. of cor. Pits impracticable

N. over mesa.

58.00 Brink of wash dry.

59.50 Bottom of wash 200 lbs wide
course S.W.

70.00 Ascend N. bank of wash

Subdivision T. 5 S. R. 30 E

chains

71.50 N. bank of wash

80.00 Set granite stone $14 \times 8 \times 6$
 9 in. in ground for sec. cor
 to secs. 23, 24, 25 & 26 marked,
 2 notches on S and one on E
 edges and raise a mound
 of stone 3 ft. base $2\frac{1}{2}$ ft. high
 W. of cor. Pits impracticable
 Land level and hilly.

Soil poor, stony, 4th rate.

No. timber. Some grass.

Slightly Mountainous 25 chains.

S. $89^{\circ} 54'$ E on random
 line bet. secs 24 & 25-

40.20 Set temp $\frac{1}{4}$ sec. cor.

80.22 Intersect E. side of Tp. $\frac{1}{4}$ lks S
 of cor.

N. $89^{\circ} 58'$ W. on true line

16.50 Brink of deep wash

25.00 Bottom of E. bank of wash

Subdivision T. 5 S. R. 30 E.

- Chains
- Clifton and Eila road bears
N. E. 7 S. W.
- 26.00 Dry wash 100 lbs wide course
S. W.
- 30.80 Foot of W. bank of wash.
- 34.00 Top of W bank of wash.
- ~~40.11~~
40.11 Set volcanic stone 14x12x8
~~70.10~~
10 in. in ground for $\frac{1}{4}$ sec
cor. to sec. 24 & 25 marked $\frac{1}{4}$ S.
on W face and raise a
mound of stone 2 $\frac{1}{2}$ ft. base
2 $\frac{1}{2}$ ft high W of cor. Pits
impracticable
W. over mesa.
- 61.00 Rim of second wash. (dry)
- 68.00 Bottom of dry wash 200 lbs
wide course S. W.
- 70.5.0 Top of W. bank of wash
- 80.22 At cor. sec. 23. 24. 25. & 26.
Land level and mountains

Subdivisions T. 5-S. R. 30 E.

Chains Soil, poor, stony, 4th rate.
Scattering trees in washes.

Slightly Mountainous 26 chains.

N. 0° 1' W on true line bet.

secs. 23724. over level mesa.

40.00 Set volcanic stone 24 x 8 x 6
18 in. in ground ~~marked~~ for $\frac{1}{4}$ sec. cor.
to secs. 23724 marked $\frac{1}{4}$ S.
on W. face and raise a
mound of stone 2 $\frac{1}{2}$ ft base & $\frac{1}{2}$
ft. high W. of cor. Pit in-
practicable.

Enter rolling hills.

48.00 Point of ridge.

56.00 Dry Gully course S. W.

60.00 Ridge bears S. W.

70.00 Descend slope.

80.00 Set volcanic stone 20 x 12 x 6
15 in. in ground for sec. cor.
to secs 13, 14, 23724

Subdivision T. 5 S. R. 30 E.

Chains Marked 3 notches on S and
1 on E edges and raise
a mound of stone $2\frac{1}{2}$ ft.
base $2\frac{1}{2}$ ft high W. of cor.

Pits impracticable.

Sand level and billy.

Soil poor, stony, 4th rate.

No timber, some grass.

Slightly Mountainous 22 chains.

S $89^{\circ}58'$ E on random line
bet. secs. 13 & 24 over rolling hills.

40.10 Set Temp $\frac{1}{4}$ sec. cor.

80.16 Intersect E. bdy of Twp. 5 lbs N
of cor. to secs. 13, 18, 19 & 24
N. $89^{\circ}56'$ W on true line

6.5-0 Ridge bears S.

12.5-0 Dry Gulch course S.

16.5-0 Ridge bears S.

22.5-0 Dry Gulch course S.

31.0-0 Top of ridge Road bears N.E. & S.W.

Subdivision T. 5 S. R. 30 E

Chains

- 38.00 Entire small flat.
- 40.08 Set volcanic stone 14X10X6
9 in. in ground for $\frac{1}{4}$ sec.
cor. to sec. 13 & 24 marked
 $\frac{1}{4}$ S on W face and raise
a mound of stone 2 $\frac{1}{2}$ ft.
base 2 $\frac{1}{2}$ ft high N of cor.
Pits impracticable.
from which a mesquite 3 in.
in dia. bears N. 64° 30' E marked
 $\frac{1}{4}$ S B.F. 8. 13 27 lbs dist.
A mesquite 2 in. in dia.
bears S 21° 30' E. ~~marked~~ 102 lbs
dist marked $\frac{1}{4}$ S. B. T. S. 24.
- 41.00 Dry wash 100 lbs wide course
S.W.
- 42.00 Round slope.
- 51.50 Eila of Clifton road bears N. 28.
56.00 Wash Course S.
64.00 Top of ridge bears S. W.

Subdivision T. 5 S. R. 30 E

Chains.

72.50 Descend to cor.

80.16 At cor. to secs 13, 14, 23 & 24.

Sand rolling

Soil poor stony 4th rate.

Scattering mesquite in washes.

Some grass.

N. 0° 1' W on true line

bet. secs. 13 & 14

6.00 Dry Gully course S. W.

9.75 Silva & Clifton road bears N. W. ^{S. E.}

14.00 Point of ridge

18.50 Dry Gully course S. W.

22.50 Ridge bears S. W.

~~25.00~~ Old Road bears N. E. & S. W.

30.00 Dry Gully course S. W.

37.00 Ridge bears W.

40.00 Set volcanic stone 15 x 9 x 6

10 in. in ground for $\frac{1}{4}$ sec. corto secs. 13 & 14 marked $\frac{1}{4}$ S on W

face and raise a mound

of stone 2 $\frac{1}{2}$ ft. base 2 $\frac{1}{2}$ ft. high

Subdivision T. 5 S. R. 30 E.

- Chains W. of cor. Pits impracticable
W over rolling hills.
- 41.50 Dry gulch course S. W.
Ascend point of ridge
- 64.00 Leave ridge descend
- 75.00 Dry gulch bears W.
- 78.50 Ridge bears W.
- 80.00 Set volcanic stone 14x8x6
9. in. in ground for sec. cor.
to secs 11 12 13 & 14 marked
4 notches on S and 1 on E
edges and raise a mound
of stone 2½ ft base 2½ high
W. of cor. Pits impracticable
Land rough and hilly
Soil poor, stony 4th rate
Scattering mesquite in washes
Slightly Mountainous 40 chains.

June 9th 1902

Subdivision T. 5 S. R. 30 E

Chains June 10th 1902 at 7 a.m.
 l.m.t. set off declination
 of 22° ~~35'~~ ^{59'} ~~N~~ and co. lat. $-57.04'$
 and determine true meridian
 with solar. at cor sec.

34735 on Stand. Par.

N 0'1" W on true line
 bet. sec. 34735

2.00 Ridge bears W. cliffs on each
 side

7.50 Dry wash 200 lbs wide
 course S W

15.00 Top of W side of wash
 200 ft. above wash
 over level mesa.

✓ 21.00 Dry Gully 50 lbs wide course E W

27.00 Recross Gully

40.00 Point of ridge set volcanic
 stone 15x10x6 12 in. in ground
 for $\frac{1}{4}$ sec. cor to sec. 34735

Subdivision T. 5 S. R. 30 E.

chains marked "45 on W. face and
raise a mound of stone
3 ft high 3 ft base W. of cor.
Pits impracticable.
W over rolling hills.

52.50 Recross Gully

62.50 Ridge bears W.

80.00 Set volcanic stone $17 \times 9 \times 4$
 10 in. in
for sec ground for sec. cor.
to secs. 26, 27, 34 & 31 - marked

2 marks on S and 2 on E
faces and raise a mound
of stone $2\frac{1}{2}$ ft base $2\frac{1}{2}$ ft high
W. of cor. Pits impracticable

Land rough hilly

Soil poor stony 4th rate

Scattering mesquite in washes

Very Mountainous 40 chains.

Subdivision T. 5 S. R. 30 E.

Chains E on random line bet.
secs. 26 & 35-

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

80.36 Intersect sec line 24 lbs S
of cor. to secs. ~~24-26-34+35~~
~~24-26-34+36~~
25-26-35+36
S $89^{\circ} 58'$ W on curb line

5.00 Ridge bears W.

11.25 Dry Gulch course S.
around slope.

40.18 Set volcanic stone $12 \times 8 \times 6$
9 in. in ground for $\frac{1}{4}$ sec. cor.
secs. 26 & 35 - marked $\frac{1}{4}$ S. on
N face and raise a
mound of stone 2 ft base
 $2\frac{1}{2}$ ft high N. of cor. Pits
impracticable

~~W. over rolling hills.~~

80.36 At cor. secs. ~~25-26-35+36~~
~~26-27-34+35~~
Sand rolling hills.

Soil poor stony $4\frac{1}{2}$ rate.

No timber. thick grease wood

Subdivision T. 5 S. R. 30 E.

- Chains. Slightly Mountainous 40 chains.
 N. 0° 1' W on true line bet.
 26 & 27
 secs. 24 & 25 over rolling hills
- 2.00 Enter canyon.
- 9.00 Dry wash in canyon 125 lks
 wide course S. W.
- 16.00 Ridge bears S. W.
- 24.50 Dry gulch 30 lks wide course S. W.
- 32.50 Ridge bears S. W.
- 40.00 Set sandstone 18 x 14 x 4
 12 in. in ground for $\frac{1}{4}$ sec. cor.
 to secs. 26 & 27 marked $\frac{1}{4}$ S
 on W face and raise a
 mound of stone 2 $\frac{1}{2}$ ft base 3 ft
 high W. of cor. Pit's unpracti-
 cable.
- W over hilly country.
- 45.75 Dry gulch course S. W.
- 52.00 Ridge bears W.
- Descend alongside of canyon

Sub-division T. 5 S. R. 30 E.

Chains

70.00 Bottom of canyon 100 lks
wide course S. W.

71.50 ascend slope

75.00 Top of mesa N. of canyon.

80.00 Set volcanic stone $13 \times 7 \times 5$
9 in. in ground for sec. cor.
secs. 22, 23, 26 & 27 marked
2 notches on S and low E
edges raise a mound of
stone 3 ft base 3 ft high
W. of cor. Pits impracticable
Land rough and hilly.
Soil poor. stony 4th rate
Scattering mesquite along washes

Slightly Mountainous 80 chains.

N. $89^{\circ} 50'$ on ~~base~~ random
line bet. secs. 23 & 26

40.18 ~~#~~ Set temp $\frac{1}{4}$ sec. cor.

80.44 Intersect sec line 16 lks

W. of cor of secs. 23, 24, 25 & 26

Subdivisions T. 5 S. R. 30 E.

- Chains. ^S
~~78.~~ 89° 57' W on true line
 over mesa.
- 40.22 Set volcanic stone 16x8x4
 11 in. in ground for $\frac{1}{4}$ sec.
 cor to secs 23 & 26 marked
 "48 on N. face and raise
 a mound of stone 2 $\frac{1}{2}$ ft base
 3 ft high N. of. cor. Pits
 impracticable.
- 43.00 Enter rough broken country
- 65.00 Ridge bears N.
- 75.00 Canyon 100 lbs wide course
 S.W. perpendicular cliffs on W.
 side.
- 77.50 Leave canyon.
- 80.22 At cor 22, 23, 26 & 27.
 Land level and hilly
 Soil poor stony & $\frac{1}{4}$ rate.
 Scattering mesquite in washes.
- Slightly Mountainous 87.00 chains

Subdivision T. 5 S. R. 30 E.

Chains N. 0° 1' W. on true line
bet secs 22 & 23

Over rolling mesa.

40.00 Set volcanic stone 18x7x3-
12 in. in ground for $\frac{1}{4}$ sec.
cor. of secs. 22 & 23 marked
 $\frac{1}{4}$ s on W. face and raise
a mound of stone 3ft base
3ft high W. of cor. Pits
impracticable

50.00 Ascend second mesa.

64.50 Top of second mesa.

80.00 Set volcanic stone 18x10x4
12 in. in ground for sec.
cor. of secs. 14, 15, 22 & 23.
marked 3 matches on S
and 2 on E edges and
raise a mound of stone
3ft base 2 $\frac{1}{2}$ ft high W of cor.
Pits impracticable

Subdivision T. 5 S. R. 30 E

Chains Land rolling

Soil poor stony 4th rate.

No timber some grass.

✓ N. ~~89° 57'~~ 89° 57' E on random
line bet secs. 14 & 23

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

80.26 Intersect sec line 2 lks

✓ ~~89° 58'~~ N of cor. of secs. 13, 14, 23 & 24

✓ ~~89° 58'~~ S. 89° 58' W on true line
over rolling hills.

7.00 Dry gully course S.W.

21.50 Bank of low mesa

40.13 Set volcanic stone 20 x 12 x 6
15 in. in ground for $\frac{1}{4}$ sec.
cor. to secs. 14 & 23 marked
 $\frac{1}{4}$ S. on N face and raise
a mound of stone 2 $\frac{1}{2}$ ft base
2 $\frac{1}{2}$ ft high N of cor.
Pits impracticable
W. across mesa.

Subdivision T. 5 S. R. 30 E.

Chains

- 48.50 Brink of wash 40 ft deep
- 56.00 Bottom of wash 100 lks wide
bea course S.
- 63.50 Top of ridge bea is S.
- 68.00 Dry Gulch course S.
- 76.00 Brink of second mesa.
- ~~80.00~~ At cor. secs. 14, 15; 22 & 23.
- 80.26 Sand level and rolling
Soil poor, stony. 4th rate
No timber some grass.
N. 0° 1' W. on true line bet.
secs. 14 & 15. Over mesa.
- 40.00 Set volcanic stone 18x12x8
13 in. in ground for 1/4 sec.
cor. to secs. 14 & 15 marked
48. on W face and raise a
mound of stone 2 1/2 ft base
2 1/2 ft high W of cor.
Pike impracticable
N. over mesa

Subdivisions T. 5 S. R. 30 E.

Chains

80.00

Set quartzite stone $14 \times 8 \times 6$
 11 in. in ground for sec.
 cor. to secs 10 11 14 & 15 -
 marked
 and so 4 notches on S and
 2 on E edges and raise
 a mound of stone $2\frac{1}{2}$ ft
 high $2\frac{1}{2}$ ft base W. of cor.
 Pits impracticable
 Land level

Soil, poor, stony, 4th rate.

No timber some grass.

June 10th 1902

June 11th 1902 at cor. to secs.
 at 7 a.m. E. m. 5.

11, 12, 13 & 14, I set off on
 declination arc $23^{\circ} 04'$ and
 co-lat: 37° and determine
 true meridian with solar.
 then I run $S 89^{\circ} 56' E$
 on random line bet.
 secs. 12 & 13.

590

5 ✓

Subdivision T. 5 S. R. 30. E

Chains

- 40.08 Set temp. 1/4 sec. cor. at cor.
- 80.18 Intersect E. bdy of Tp. ~~11th S~~
 of ~~sec.~~ of secs. 7, 12, 13 & 18.
 N. $89^{\circ}56'$ W on true line
 Descend along wash
- 16.50 Road bears S.W. & N.E.
- 20.00 Dry wash 100 lbs wide course
 S.W.
- 36.00 Ridge bears S.
- 39.50 Dry gully course S.
- 40.09 Ridge bears S, set volcanic
 stone $14 \times 7 \times 6$ 10 in. in ground
 for $\frac{1}{4}$ sec. cor. to secs. 12 & 13
 marked $\frac{1}{4}$ S on N. face
 and raise a mound of
 stone $2\frac{1}{2}$ ft. base 3 ft. high
 N. of cor. Pit impracticable
- 45.00 Dry gully course S.
- 48.50 Ridge bears S

Subdivision T. 5 S. R. 30 E.

Chains

- 57.00 Dry Gully course S.
- 53.00 Dry Gully course S.
- 61.00 Top of high ridge bears S.W.
Descend to cor.
- 80.18 At cor. secs. 11, 12, 13 & 14.
Land hilly.
Soil poor, stony 4th rate
Scattering mesquite along washes
- Slightly Mountainous 80. chains.
- N. 0° 1' W on true line bet.
secs. 11 & 12, over hills.
- 7.50 Dry Gully course S. W
- 9.50 Ridge bears W.
- 11.50 Dry wash 75-lbs wide course ^{W.}
- 15.00 Dry Gully course S.W.
- 28.00 Point of ridge
Ascend alongside of ridge
- 38.00 Dry Gully course S.W.
- 40.00 Set volcanic stone 18x12x6
13 in. in ground for ~~the~~

Subdivision T. 5 S. R. 30 E.

- Chains $\frac{1}{4}$ sec. cor. to secs 11+12
marked $\frac{1}{4}$ S on W. face
and raise a mound of
stone 3ft. base 3ft high W.
of cor. Pits impracticable.
✓ ~~It was hills~~
- 41.00 Ridge bears S.W.
Enter canyon.
- 44.00 Bottom of canyon 150ft
deep 100 lbs wide course S.W.
Ascend side of canyon.
- 44.50 Road bears. S.W. & N.E.
- 73.00 Ridge bears S.W.
Descend slope.
- 80.00 Set granite stone 14x8x5
11 in. in ground for sec.
cor. to secs. 1, 2, 11, & 12 Mark by
5 notches on S and 1 on
E. edges and raise a
mound of stone 2 $\frac{1}{2}$ ft base

Subdivision T. & S. R. 30 E.

- Chains $2\frac{1}{2}$ ft high W of cor. Pits impracticable
 Sand hilly and rough
 Soil poor stony & ^{4th} rati
 No timber, some grass.
- Very Mountainous 80. chains.
 $S 89^{\circ} 58' E$ on random line
 bet. secs 1 & 12.
- 40.09 set temp. $\frac{1}{4}$ sec. cor.
- 80.10. Intersect E. bdy of Tp 2 lks N
 of cor of secs 1, 6, 7 & 12.
 $N. 89^{\circ} 57' W$ on true line
 bet secs 1 and 12
- 0.70 Road bears S.E. & N.W.
- 7.00 Ridge bears S.E.
- 13.00 Dry Gulch course S.W.
- 17.50 Ridge bears S.W.
- 21.50 Deep Dry Gulch course S.E.
- 28.00 Top of mesa.
- 40.05 Set volcanic stone $16 \times 8 \times 6$
 for $\frac{1}{4}$ sec. cor to secs 1 & 12

Subdivision T. 5 S. R. 30 E.

- Chains marked $\frac{1}{4}$ S on N. face
and raise a mound of
stone 3 ft base 2 $\frac{1}{2}$ ft. high
N. of cor. Pits impracticable
Descend into deep canyon
- 59.50 Bottoms of canyon 200 feet deep
150 lbs wide course S. W.
- 61.00 Commence ascent.
- 75.00 Top of ridge bears S. W.
Descend to cor.
- 80.10 At cor sec. 1, 2, 11 & 12.
Land hilly and rough
Soil poor, stony, 4th rate.
Scattering mesquite in washes.
- Very Mountainous 68 chains.
From cor. to sec. 10, 11, 14 & 15
I run ~~N.~~ $89^{\circ} 58'$ E on random
line bet. sec. 11 & 14
- 40.13 At temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect sec line 12 lbs N.

Subdivision T. 5 S. R. 30 E.

Chains of cor. of sec. 11, 12, 13 & 14

W

~~89° 57' W.~~ on true line.

Descend side of hill.

12.80 Dry gully course S.W.

14.75 Ridge bears S.W.

18.75 Dry wash 100 lbs wide course ^{S.W.}
ascend mesa.

31.25 Dry gully ~~to~~ course S.E.

Ascend second mesa

40.08 Set granite stone 13x7x5-
10 in. in ground for $\frac{1}{4}$ sec.

cor. of sec. 11 & 14 marked
4 S. on N. face and raise
a mound of stone 2½ ft.
base 2½ ft high N. of cor.

Pits impracticable.

42.00 Road Gila to Clifton bears ^{S.E.} N.W.

51.50 Dry gully course S.E.

57.50 Top of high mesa.

Descend to cor.

Subdivision T. 5 S. R. 30 E.

Chains

80.16 At cor. of secs. 10, 11, 14 & 15

Land level and hilly
Soil poor, stony. 4th rate
No timber some grass.

Slightly Mountainous 31.25-chains.

N. 0° 1' W. on line bet.
secs. 10 & 11. Over mesa.

16.00 Road Gila to Clifton bears
N.W. and S.E.

28.50 Dry Wash 50 lbs wide course W.

30.00 Ridge bears S.W.

32.00 Dry Gully course S.W.

38.00 Ridge bears S.W.

40.00 Set sandstone 18x10x5-12 in.
in ground for $\frac{1}{4}$ sec cor of
secs. 10 & 11 marked $\frac{1}{4}$ S on W.
face and raise a mound
of stone 2 $\frac{1}{2}$ ft base 2 $\frac{1}{2}$ ft high
W. of cor. Pk impracticable
N. over rolling hills

Subdivision T. 5 S. R. 30 E.

Chains

41.50 Dry gully course S.W.

56.00 Ridge bears S.W.

62.00 Dry wash 70 lbs wide course ^{S.W.}

Ascend slope

80.00

Under brink of hill set

volcanic stone 20x10x6

12 in in ground for sec.

cor. to secs. 2, 3, 10 & 11. marked

5. notches on S and 2 on E

edges and raise a mound

of stone 3ft base 3ft high

W. of cor. Pk. impracticable

Land rolling.

Soil poor. stony 4th rate.No timber some grass

✓ ~~N. 89° 57' E~~ on random
line bet. secs 2 & 11

40.00 Det. temp. 1/4 sec. cor.

80.00 Intersect. sec line 17 lbs S
of cor. to secs. 1, 2, 11 & 12.

Subdivision T. 5 S. R. 30 E.

	S
Chains	89 ⁵⁶ ° 56' W on true line.
3.00	Dry wash 35 lks wide course ^{S.W.}
9.00	Ridge bears S.
11.50	Dry Gully course S.
20.50	Ridge bears S.
28.50	Dry Gulch 7 lks wide course S.
33.00	Ridge bears S.W.
35.75	Dry Gully course S.W.
40.00	Set volcanic stone 12x8x8 9 in. in ground for $\frac{1}{4}$ sec. cov of secs. 2 & 11 marked 145 on N. face and raise a mound of stone 3ft. ^{base} 3ft high N of cov. Pit impracticable.
44.00	Ridge bears S.W.
51.00	Dry Gully course S.W.
56.50	Ridge bears S.W.
66.00	Dry wash 50 lks wide course S.W.
74.50	Rocky Ridge bears S.W.

Subdivision T. 5-S. R. 30 E.

- 80.08 At. cor. secs. 2, 3, 10 & 11.
Land hilly
Soil poor. stony $\frac{1}{4}$ sec. rate.
No timber. some grass
Slightly ^{80.08} Mountainous 80. chains
From cor. secs. 1, 2, 11 & 12
I run N $0^{\circ} 1' W$ on random
line bet. secs. 1 & 2
- 40.00 Set. Temp. $\frac{1}{4}$ sec. cor.
- 79.95 Intersect N. bdy of Twp. 22 lbs
W. of cor. secs 1, 2, 31 & 36
~~50.08~~ $52^{\circ} 54' W$ on true line.
Over mesa.
- 10.00 Leave mesa.
I along hillside.
- 39.95 Set volcanic stone $12 \times 9 \times 7$
9 in. in ground for $\frac{1}{4}$ sec. cor.
to secs. 1 & 2 marked $\frac{1}{4} S$ on
W face and raise a

Subdivision T. 5 S. R. 30 E.

Chains mound of stone $2\frac{1}{2}$ ft. base
 $2\frac{1}{2}$ ft. high W. of cor.

Pits impracticable.

61.00 Point of ridge bears S.W.

75.00 Dry wash 75 lbs wide course S.W.

Subdivision T. 5 S. R. 30 E.

Chains Ascend to cor

79.95 At cor. sec. 1, 2, 10, 4th 11

Sand rolling soil

Soil poor, stony, 4th rate.No timber, some grass.June 2nd at 8 A. M. l. mt.

I set off on declination arc

23° ^{08' N.} and co. lat. 56° 58'

and determine true meridian

with solar. at cor. sec. 2, 3, 10

+ 11. Thence I run N. ~~on~~ 0° 1' W on true40.00 Set temp ^{line.} ~~sec.~~ ^{line.} ~~sec.~~ 243.

79.97 Intersect N. bdy of Tp. 20 ths

W. of cor. to sec. 2, 3.

50° 8' W. ~~06° 09'~~ ~~S 89° 51' W~~ on true line

7.00 Dry Gully course. E.

10.00 Ridge bears E.

21.75 Dry Gully course. E.

28.00 Point of hill.

Descend to ¹/₄ sec. cor.

39.97 Set sand stone 20 x 8 x 8

June 11 1892

Subdivision T. 5 S. R. 30 E.

Chains 15-in. in ground for $\frac{1}{4}$ sec.
 cor. to secs. 2 & 3 marked
 $\frac{1}{4}$ S on W face and raise
 a mound of stone 3 ft base
 3 ft high W. of cor
 Pits impracticable.
 S. over hills

41.25 Dry gully course S.E.

43.00 Point of ridge
 Descend over low ridges
 and small gullies to.

70.50 Dry wash 50 lbs wide course (S.W.)

79.97 At cor secs 2, 3, 10 & 11

Land hilly and rough
 Soil poor stony 4th rate
 No timber, some grass.

Slightly mountainous 45 chs.

Subdivision T. 5 S. R. 30 E

Chains at 1 P.M. L. m. T. June
12th 1902 at cov. sec. 33 & 34
on Standard Parallel.

✓ I set off 23° ^{08'} ~~05'~~ N on declin-
ation arc and co-lat. $57^{\circ} 04'$
and determine a true meridian
with solar.

Thence I run N. ^{0° 2' W} on true
line bet. sec. 33 & 34
over level field

14.50 Road bears E. & W.

19.50 Gila river 50 lbs. wide
course W.

21.00 N. & W. W. Ry. bears E. & W.

22.50 Point of ridge
N over very broken country.

40.00 Set sand stone $18 \times 12 \times 6$ in
mound of stone $2\frac{1}{2}$ ft base
 $2\frac{1}{2}$ ft high as bed rock is
only 4 inches under surface

Subdivision T. 5. S. R. 30 E.

Chains for $\frac{1}{4}$ sec. cor. secs. 33 & 34
and marked $\frac{1}{4}$ 5 on W
face and raise a mound
of stone 2 $\frac{1}{2}$ ft base 2 $\frac{1}{2}$ ft high
W of cor. Pk. impracticable.

54.75 Small canyon course S.W.

56.80 Ridge bears W.

Ascend rough broken country
to cor.

80.00 Set volcanic stone stone
14 x 12 x 10. 10 in. in ground
for sec cor. secs 27, 28, 33
& 34 marked 1 notch on
S and 3 on E edges and
raise a mound of stone
3 ft base 2 $\frac{1}{2}$ ft high W. of
cor. Pk. impracticable.
Sand level on river very broken
on hills difficult to survey
Soil fertile $\frac{1}{2}$ rate on river

Subdivision T. 5 S. R. 30 E.

Chains poor stony 4th row on hills
 scattering cotton woods on
 river. ^{Very} Mountainous 6050 chains

E. on railroad line bet.

secs. 27 & 34.

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

80.10 Intersect sec. line 20 chs
 N of cor. to secs. 26, 27.

34 & 35-

N. 89° 57' W. on true line

4.00 Canyon bank.

5.00 Bottom of canyon 100 chs
 wide course S.W.

9.00 Point of hill.

10.50 Dry gulch 20 chs wide ^{S.E.} course

12.50 Edge of mesa.

31.00 Leave mesa.

40.05- Set sandstone 18x14x10

12 in. in ground for $\frac{1}{4}$
 sec. cor. to secs 27 & 34.

Subdivision T. 5 S. R. 30 E.

Chains marked $\frac{1}{4}$ S. on ^N face
and raise a mound of
stone $2\frac{1}{2}$ ft base $2\frac{1}{2}$ ft high
^N of cor. Pit impracticable.

45.00 Bottom of canyon 50 lbs wide
course S.W.

ascend ridge.

0-3.00 Ridge bears S.

0-5.50 Small canyon course S.

62.00 Ridge bears S.

72.00 Dry gully course S.W.

76.00 Dry gully course S.W.

ascend to cor.

80.10 At cor. secs 27, 28, 33 & 34

Land very broken

Soil poor stony. 4th rate

No timber

Very Mountainous 61.5-0 chains

June 12th 1903

Subdivisions T. 5 S. R. 30 E.

Chains at 7.30 P.M. June 13 1902
 I set off on declination arc
 $23^{\circ} 12' W$ and colat. $57^{\circ} 03'$
 and determine true meridian
 with solar. 0

$N. 5^{\circ} 2' W$ on true line bet. secs
 27 & 28.

Ascend over rolling hills.

- 7.50 Point of ridge.
 11.50 Dry gulch course S.E.
 20.00 Ridge bears S.E.
 24.50 Descend slope.
 33.50 Dry gulch course W.
 35.50 Point of ridge
 40.00 Set granite stone $14 \times 8 \times 6$
 10 in. in ground for $\frac{1}{4}$ sec.
 cor. to secs 27 & 28. marked
 $\frac{1}{4}$ S. on W. face and raise a
 mound of stone. $2\frac{1}{2}$ ft base
 $2\frac{1}{2}$ ft high W. of cor.
 Pit impracticable

Subdivision T. 5 S. R. 30 E.

Chains W. over short breaks.

52.00 Ridge bears S.W.

54.50 Dry Gulch course S.W.

67.00 Ridge bears S.W.

Across short breaks to cor.

80.00 Set volcanic stone $18 \times 8 \times 5$ -

13 in. in ground marked
for sec. cor. to secs. 21.22.

27 & 28 marked 2 notches

on S and S on E edges

and raise a mound of

stone 3 ft base $2\frac{1}{2}$ ft high
W. of cor. Pits impracticable.

Land hilly Soil poor, stony.

$4\frac{1}{4}$ rate.

No timber. scattering greasewood

Slightly Mountainous 80 chains.

Subdivision T. 5 S. R. 30 E.

- Chains S. $89^{\circ} 57'$ E on random
line bet. secs. 22 & 27.
- 40.00 ~~Set~~ temp $\frac{1}{4}$ sec. cor.
- 79.90 Intersect sec. line 8 lks N.
of cor.
N. $89^{\circ} 48'$ W on true line
- 8.5-8 Dry wash 30 lks wide course S.E.
- 18.5 0 Ridge bears S.
- 39.97 Set sandstone $24 \times 10 \times 8$ in
mound of stone as bed rock
is near surface for $\frac{1}{4}$ sec
cor. to secs. 22 & 27. marked
 $\frac{1}{4}$ S on W. face and raised mound
of stone 3 ft base 3 ft high
N. of cor. Pit is impracticable
from which a taraiso
8 in. in diameter bears N
 68° W 33 lks dist marked
 $\frac{1}{4}$ S B.T. S 22
- 44.30 Wash 30 lks wide course S.

Subdivision T. 5 S. R. 30 E.

- Chains
 50.00 Top of ridge bears S.
 56.50 Dry wash. 20 lbs wide course ^{S.E.}
 60.00 Point of ridge.
 65.00 Dry wash 50 lbs wide course ^{S.E.}
 75.00 Top of ridge bears S.
 79.95- Descend to cor.
 at cor. to secs. 21, 22, 27 & 28

Sand hilly

Soil poor stony. 4th rate

No timber, some grass.

Slightly ^{79.95} Mountainous ⁸⁰ chains.

W. 0° 2' W on true line

bet secs. 21 & 22

Along side of ridge over
 short gullies and ridges.

5.00 Point of hill.

36.50 Top of ridge bears S. W.

40.00 Set granite stone 12x10x6

9 in in ground for $\frac{1}{4}$

sec. cor to secs. 21 & 22

marked $\frac{1}{4}$ S. on W. face

Subdivision T. 5 S. R. 30 E.

- Chains and raise a mound of
stone 3 ft. base 3 ft. high W.
of cor. Pit impracticable
- 50.00 Point of ridge.
- 52.50 Dry wash 25 lbs wide course S.W.
- 58.00 Telephone line bears N.E. & S.W.
- 72.50 Top of ridge bears S.W.
- 80.00 Set volcanic stone 16x10x6
13 in. in ground for sec. cor
to secs. 15-16. ^{21 and 22} ~~20 & 21~~ marked
3 notches on S and 3 on E
faces and raise a mound
of stone 3 ft. high 3 ft. base
W. of cor. Pit impracticable
Land hilly
Soil poor stony 4th rate
No timber, scattering brush.
Some grass.

Subdivision T. 5 S. R. 30 E

- Chains S $89^{\circ} 48'$ E. on random
line bet. secs 15 & 22
- 40.00 Set: Temp $\frac{1}{4}$ sec. cor.
- 80.05 Intersect sec line, S-cha S
of Cor.
N. $89^{\circ} 50'$ W on true line
across mesa.
- 13.50 ~~13.50~~ Leave mesa.
- 27.50 Dry wash 150 lbs wide, course ^{S.W.}
W. across broken country,
short ridges & gullies running S.E.
- 40.02 $\frac{1}{2}$ Set volcanic stone 14x10x6
10. in. in ground for $\frac{1}{4}$ sec,
cor to sec. 15 & 22 ^{marked} ~~and~~
 $\frac{1}{4}$ S on N face and raise
a mound of stone 3ft ~~base~~
2 $\frac{1}{2}$ ft high N. of cor. Pits
impracticable.
Ascend over rough break.
- 53.50 Point of hill

Subdivision T. 5 S. R. 30 E.

- 6 chains
74.50 Ridge bears S. W.
- 76.00 Telephone line bears N 45
Descend to cor.
- 80.00- At cor sees 15-16. 21 & 22
Land hilly ~~see~~
Soil poor stony 4th rate.
No timber, scattering brush
- Sleg Mountainous 6 7.50 chains

N. 0° 2' W on true bet. sees
15 & 16. Descend slope.
- 8.00 Wash (dry) 150 lks wide course ^{S.W.}
Ascend wash
- 18.50 Leave wash. Road Guthrie
to Clifton bears NE & SW ^{N.}
Ascend point of hill ^{W.}
- 30.50 Top of hill. ^{W.}
- 40.00 Set volcanic stone 14x10x8
10 in. in ground for $\frac{1}{4}$ sec.
cor. to sees 15 & 16 marked
48 on W face and raise

Subdivision T. 5-S. R. 30 E

- Chains a mound of stone
 $2\frac{1}{2}$ ft base $2\frac{1}{2}$ ft high W. of
 cor. Pit impracticable
- 41.00 Top of ridge
- 51.00 Dry gully ~~bears~~ ^{course} E.
- 54.50 Ridge ^{bears} ^{course} E.
- 57.00 Dry gully course E.
- 65.50 Dry gully course E.
- 69.50 Ridge bears E.
- 75.00 Dry gully course S.E.
- 80.00 Set granite stone $16 \times 8 \times 7$
 12 in. in ground for sec.
 cor. to secs. 9, 10, 15-16
 marked 4 notches on S
 and 3 on E edges 30. E. on
 N.W. and S.S. on S.W. faces.
 and raise a mound of
 stone $2\frac{1}{2}$ ft base $2\frac{1}{2}$ ft high
 W. of cor. Pit impracticable
 Land hilly.

Subdivision T. 5-S. R. 30 E.

Chains Soil poor 4th rate
 No timber some grass
 Slightly Mountainous 40 chains.

June 13th 1902

At cor. secs. 32 & 33 on stand.
 A.M. M.L.
 Parallel. at 7:00 ~~P.M.~~ I set off
 June 14th 1902
 23° 16' N on declination arc. and co-lat.
 57° 04' and determine true
 meridian ^{with} from solar.
 Then I run N 0° 2' W on
 true line bet. secs. 32 & 33
 over rolling hills.

- 10.20 Dry Gulch course S. E.
- 25.00 Ridge bears S. E.
- 27.50 Commence descent of slope
- 40.00 Set volcanic stone 18 x 8 x 6
 12 in. in ground ^{face} $\frac{1}{4}$ sec.
 cor to secs 32 & 33 marked
 $\frac{1}{4}$ S on W face and raise a
 mound of stone 2 $\frac{1}{2}$ ft base
 2 $\frac{1}{2}$ ft high W. of cor.

N.
W.
W.
st

Subdivision T. 5-S. R. 30 E.

- Chains Pits impracticable
- 41.25 A & N. W. Ry. bears N.W. ^{SE}
- 57.00 Point of ridge
- 57.00 Telephone line bears N.W. 78 E.
- 57.10 Dry Gulch course N.W.
- 60.50 Ridge bears N.W.
- 76.50 Dry Gulch course ~~N.W.~~ S.W.
- 80.00 Set volcanic stone 24x10x8
16 in. in ground for sec. cor.
to secs. 28, 29, 32 & 33. marked
1 notch on S and 4 notches
on E edges and raise a
mound of stone 3ft base
3ft high W. of cor. Pits
impracticable
Sand hilly and broken
Soil poor stony. 4th rate.
No timber, some grass.
Very Mountainous 40. chains.

Subdivision T. 5 S. R. 30 E.

- Chain E on random line bet.
secs. 28 & 33
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 50.15 Intersect sec. line 14 lbs N of
cor.
- N. $89^{\circ} 54' W$ on true line
- 6.50 Ridge bears S. W.
- 12.25- Dry gulch course S. W.
- 21.00 Ridge bears S. W.
- 22.60 Dry Gulch course S. W.
- 26.50 Ridge bears S. W.
- 32.50 Wash 50 lbs wide course S
Road Gushrie to Clifton in
wash.
- 34.80 Telephone line bears W.
- 40.07 $\frac{1}{2}$ Set volcanic stone $18 \times 10 \times 8$
12 in. in ground for $\frac{1}{4}$ sec.
cor. to sec. 28 & 33. marked
 $\frac{1}{4}$ S on N face and raise
a mound of stone

Subdivision T. 5. S. R. 30 E

- Chains 3ft base 3ft. high N. of
cor. Pits impracticable.
- 42.25 Dry Gulch ~~to~~ Course S.W.
- 46.50 Ridge bears S.W.
- 53.00 Dry Wash 30 lbs wide ^{S.W.} course
- 70.00 Ridge bears S.W.
Descend to cor.
- 80.13 At. cor secs 28, 29, 32 & 33.
Land hilly
Soil poor stony 4th rate
No timber scattering brush
Slightly Mountainous 80. chs.
N. 0° 2' W. on line line
bet. secs. 28 & 29.
- 4.50 Point of hill.
- 8.50 Dry wash 50 lbs wide
course S.W.
Ascend alongside of ridge
- 20.00 ~~Ch~~ Cross ridge
- 32.00 Descend steep bluff

Subdivision T. 5-S. R. 30 E.

Chains

- 34.50 Entire wash course S. W.
- 40.00 galls in wash set witness
cor. 9 chs W.
- 46.50 Foot of ridge ^{bears} S. W.
- 49.00 Top of ridge. Set volcanic
stone 13 x 8 x 6 10 in. in
ground for witness cor. to
45 cor. to secs 28 & 29 marked
45 W. C. on W face and
raise a mound of stone
2 1/2 ft base 2 1/2 ft high W of
cor. pit - impracticable.
- 53.00 Leave ridge.
- 57.20 N & N. W. Ry bears N. E. & S. W.
- 59.50 Dry wash 40 chs wide course ^{S. W.}
ascend slope
- 61.00 Dry gulch course S. E.
- 67.00 Ridge bears S. E.
- 80.00 Set 7 granite stone 18 x 10 x 10

Township 5 S. R. 30 E.

Chains 14 in. in ground for sec.
 cor to secs. 20, 21, 28 & 29
 marked 2 notches on S and
 4 notches on S.E. edges and
 raise a mound of stone
 2 ft base 2 1/2 ft high W. of cor.
 Pits impracticable

Sand hilly

Soil poor stony & shale

No timber, some grass.

Slightly Mountainous 80 chains.

S. $89^{\circ} 5' 4''$ E on random
 line bet. secs. 21 & 28

40.00 set temp. 1/4 sec. cor.

80.10 Intersect sec. line at cor.
 21, 22, 27 & 28

N. $89^{\circ} 5' 4''$ W on true line

. 5.00 Wash 75-lbs wide course
 S.W. Road Guthrie to
 Clifton in wash.

Subdivision T. 5 S. R. 30 E.

Chains

- 10.00 Telephone line bears W 75
- 24.50 Ridge bears S.E.
- 36.00 Leave ridge -
- 40.00- Set volcanic stone 14x8x4
in mound as bed rock is
near surface from $\frac{1}{4}$ sec. cor
to secs. 21 & 28 Stone marked
 $\frac{1}{4}$ S on N face. mound of
stone 3 $\frac{1}{2}$ ft base 3 ft high
Pits impracticable
- 40.60 Wash 100 lbs wide course S.W.
- 56.50 Ridge bears N.E.
- 68.20 at N. W. Ry bears N.E. & S.W.
- 71.00 Dry wash 70 lbs wide course ^{S.W.}
- 73.00 Dry Gulch course S.E.
- 80.10 at cor 20, 21, 28 & 29.
Land hilly
Soil poor, stony. 4th rate
No timber grass

Subdivision T. 5 S. R. 30 E.

Chains Mountainous 80.10 Chains
June 14, 1902

At 7.30 A. M. S. M. T. June 15,
 1902 I set off $23^{\circ} 18'$ on
 declination arc and co-lat.
 of $57^{\circ} 04'$ and determine
 true meridian with solar
 at cor. $31^{\circ} 32'$ on Stand. Par
 Then I run $N 0^{\circ} 3' W$ on
 true line, ^{at. sec. $31^{\circ} 32'$} over meadow.

- 13.75 Dry gulch course W.
 34.00 Bunk canyon Gila River
 descend into canyon
 37.50 foot of canyon side.
 40.00 Set volcanic stone $14 \times 12 \times 4$
 11 in. in ground for $\frac{1}{4}$ sec. cor.
 to sec. $31^{\circ} 32'$ marked $\frac{1}{4}$ S on
 W face. and raise a mound
 of stone 3 ft base 3 ft high
 W. of cor. Pit impracticable

Subdivision T. 5 S. R. 30 E.

- Chains From which a cottonwood
12 in. in diameter bears S 5° 0' E
60 lbs dist. marked $\frac{1}{4}$ S. B. T. S. 32
A cottonwood 18 in. in dia.
bears S 10° 00' W 70 lbs dist.
marked $\frac{1}{4}$ S. B. T. S. 31.
- 41.50 Kila River 60 lbs wide course ^{W.}
- 46.00 Ascend bluff over short
ridges and gullies
- 64.50 Ridge bears N. W.
- 79.50 Moranci Southern Ry bears N. W. &
S. E.
- 80.00 Set sandstone 20 x 12 x 6
15-in. in ground for.
sec. cor. to sec. 29, 30 31
& 32 marked 1 notch
on S and 5 notches on E
edges and raise a
mound of stone 3 ft.
base 3 ft. high W. of cor.
Pit impracticable

Subdivision T. 5 S. R. 30 E.

- Chains Land hilly
Soil poor stony $4\frac{1}{4}$ th rate.
Cotton wood & willow trees
on river. Some grass
- Very Mountainous 68. chains.
E on random line
bet. secs. 29 & 32.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.92 Intersect sec. line 7 lks N.
of cor.
N. $89^{\circ} 57' W$ on true line
- 1.50 Dry wash 100 lks wide course ^{S.}
- 4.00 A & N. W. Ry bears W.
- 30.50 Ridge bears S.
- 39.96 Set volcanic stone $18 \times 12 \times 6$
12 in. in ground for $\frac{1}{4}$ sec.
cor to secs. 29 & 32 ^{marked} and
 $\frac{1}{4}$ S on N face and raise
a mound of stone $2\frac{1}{2}$ ft
high 3 ft base W of cor.