

Subdivisional

2584

BOOK "F"

BOOK 2584

FIELD NOTES

OF THE SURVEY OF THE

Subdivisional lines of Twp. 25 North Range

No. 18 E.

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blouh

, United States

Examiner of Surveys
~~Deputy Surveyor~~

Under Special Instructions from the Commissioner of the General Land Office
Under his Contract No. ~~1000~~ dated Feb. 2nd 1907, and May 15th 1908 ~~1908~~

Survey commenced April 8th 1910, ~~1908~~

Survey completed April 23rd 1910, ~~1908~~

NAMES AND DUTIES OF ASSISTANTS.

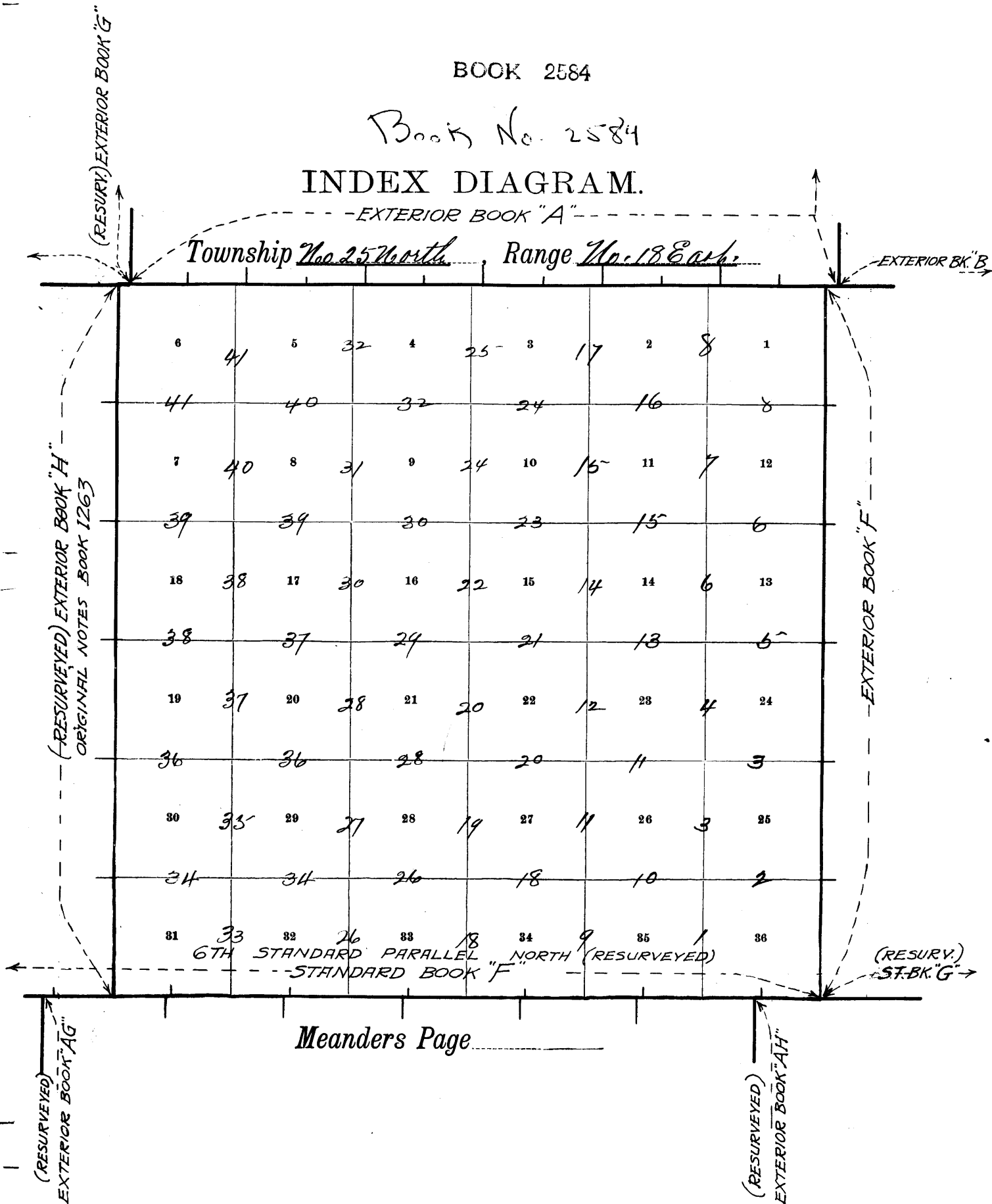
<u>Wm L. White</u>	<u>Compassman</u>
<u>Pred L. Warner</u>	<u>Chairman</u>
<u>P. V. White</u>	<u>Chairman</u>
<u>Ralph Sampson</u>	<u>Moundman</u>
<u>Chas L. Shumway</u>	<u>Wagoner</u>
<u>William B. Carson</u>	<u>Flagman</u>

BOOK 2584

Book No. 2584

INDEX DIAGRAM.

Township No. 25 North Range No. 18 East



PRELIMINARY OATHS OF ASSISTANTS.

We, Fred L Warner and T. J. White

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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

The Subdivisional lines of Twp. No. 25 N., Range No. 18 E. ash.

Fred L Warner, Chainman.

T. J. White, Chainman.

Subscribed and sworn to before me this 7th

day of April, 1910, 190



Sidney E. Blouh

U.S. Examiner of Surveys

I, Ralph C. Sampson

do solemnly swear that ~~we~~ ^{me} will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given ~~me~~ ^{me} to the best of ~~my~~ ^{my} skill and ability, in the survey of

The Subdivisional lines of Twp. No. 25 N., Range No. 18 E. ash.

Ralph C. Sampson, Moundman.

Moundman.

Subscribed and sworn to before me this 7th

day of April, 1910, 190



Sidney E. Blouh

U.S. Examiner of Surveys

I, Chas. L. Shumway

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

The Subdivisional lines of Twp. No. 25 N., Range No. 18 E. ash.

Chas. L. Shumway, Axman.

Axman.

Subscribed and sworn to before me this 7th

day of April, 1910, 190



Sidney E. Blouh

U.S. Examiner of Surveys

I, William R. Carson

do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

The Subdivisional lines of Twp. No. 25 N., Range No. 18 E. ash.

William R. Carson, Flagman.

Flagman.

Subscribed and sworn to before me this 7th

day of April, 1910, 190



Sidney E. Blouh

U.S. Examiner of Surveys

Chains

Subdivision of Twp 25 N. R 18 E

Survey commenced April 8th 1910 and executed with a Waud L. E. Gurley engineers transit No. 76 with a Burh Solar attachment, The horizontal limb is provided with one double vernier, reading to single minutes of arc. The verniers of the latitude and declination arcs read to $0^{\circ} 30'$ of arc.

Examine the adjustments of the transit and find them to be correct and know from recent tests of the solar apparatus, by comparing its indications resulting from solar observations made during am. and pm. hours, with a meridian, determined by observations on Polaris, that the instrument is in satisfactory adjustment.

Begin at the Standard Cor. of secs. 35 and 36 on the S. side of the Twp. which I re-established March 21st 1910. ^{and described in Standard Book "F"} Latitude $35^{\circ} 30' 35''$ N; Longitude $110^{\circ} 23' 16''$ W

At 8^h 00^m a. m. ^{l.m.t.} set off $35^{\circ} 30\frac{1}{2}'$ N. on the lat. arc, $7^{\circ} 03'$ N. on the decl. arc and determine a meridian with the solar. at the above cor. Thence I run $N 0^{\circ} 01' W$, bet. secs. 35 and 36.

Descend N. slope over rolling sandy land through scattering Sage and greasewood brush under growth and bunch grass.

- 1.72 Dry sand wash 75 lks wide 3 ft deep, course W ascend gently over S. slope, ~~leave~~ timber trees E and W.
- 5.45 Top of sandy ridge bet. E and W. desc.
- 39.45 Dry sand wash 10 lks. wide 1 ft. deep course S.W. asc. S.W. slope
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. 335 on W. half and 336 on E half.
- Dig pits 18 x 18 x 12 ins. north S. of post. 3 ft. dia. and raise a mound of earth 3 ft. base, 1 1/2 ft. high. W. of cor
- 40.10 Road to Colmar Springs bet. $N 80^{\circ} E$ and $S 80^{\circ} W$
- 62.75 Dry sand wash. 20 lks wide 2 ft. deep course S.W. ascend.
- 80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins. in the ground for cor. of secs. 25, 26 35 and 36 marked on brass Cap. 725 N S 26 on W. side

Subdivision of Twp 25 N, R 18 E.

2 Chain

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R18E S25 in N.E. S36 in S.E. and S35 in S.W.
 quadrants
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft.
 dia. and raise a mound of earth 4 ft
 base 2 ft. high W. of cor.
 Land rolling.
 Soil sandy 3rd rate.
 No timber.

- 40.00 Ch. top 1/4 sec.
 80.10 Intersect E. ldy. of Twp. 3 lks N. of the cor.
 of secs. 25, 30, 31 and 36, ^{presently established by me & described in Exterior Book "F"} thence I run
 S 89° 39' W. on a true line bet. secs 25 and 36
 Descend Stony S.W. slope of spur over stony
 mountainous land through scattering
 Cedar timber and bunchgrass
 1.50 Dry ravine course S.E. asc spur
 8.15 Top of spur 50 ft. above ravine bears N and S.
 desc. steep W. slope
 11.00 Dry ravine 20 lks wide course S. asc.
 38.50 Top of spur bears N and S. desc.
 40.05 See an iron fork 3 ft. long 1 in. in diam
 26 ins. in the ground for 1/4 sec. cor. marked
 on bears cap 1/4 S 25 on N. half and S 36 on S.
 half. from which.
 A Cedar 10 ins. in diam. bears N 49 1/2° W 101
 lks. dist. marked 1/4 S 25 B.T.
 A Cedar 10 ins bears S 19 1/2° E 71 lks. dist.
 marked 1/4 S 36 B.T.
 44.30 Dry ravine 25 lks. wide course S. asc.
 46.00 Top of spur bears N and S desc
 46.10 A spring. bears North 13.00 lks. dist.
 55.00 Bears mountainous land and timber
 bears NW. and S.E. Enter rolling sandy
 land bears NW. and S.E.
 80.10 The cor. of secs. 25, 26, 35 and 36; ^{hereinbefore} described.
 Land rolling and mountainous,
 Soil sandy and stony 3rd and 4th rate.
 Timber Cedar.
 Mountainous land 55 chs.

Subdivision of Tp 25 N. R 18 E.

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Chain

1000' W. bet. sec. 25 and 26.

Ascend S.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

- 1.00 Dry sand wash 10 lks. wide 2 ft. deep course S.W. asc
- 6.25 Dry sand wash 20 lks. wide 3 ft. deep course S.W.
- 11.45 Road to hogaw head N.W. and S.E.
- 38.00 Top of sand ridge bet. NE and S.W. desc
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 26 on W. half and S 25 on E half. Dig pits 18x18x12 ins N and S. of post. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. W. of cor.
- 43.20 Dry sand wash 70 lks. wide course S.W. Round rolling sandy land bet. E and W. Enter stony mountainous land bet. E and W. ascend abruptly S. slope.
- 70.00 Top of rocky spur bet. E and W. desc N. slope
- 75.10 Dry ravine 50 ft. deep course W. asc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of sec. 23, 24, 25 and 26 marked on brass cap T 25 N. S 23 in N.W. R 18 E S 24 in N.E. S 25 in S.E. and S 26 in S.W. quadrant. Raise a mound of stone 2 ft. base $2\frac{1}{2}$ ft. high. W. of cor. Pits impracticable
- Land rolling and mountainous. Soil sandy and stony 3rd and 4th rate.
- Not timber
- Mountainous land 36.80. Chs.
- At the $\frac{1}{4}$ sec. cor. bet. sec. 25 and 26. Ditch off 706' N. on the decl. arc and at noon observe the sun on the meridian, and obtain on the cap. arc a reading of $35^{\circ} 32' N$.
-
- At $89^{\circ} 39' E$ on a random line bet. sec. 24 and 25.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.24 Intersect E bet. of Tp. 5 lks. S. of the cor. of sec. 19, 24, 25 and 30. ^{recently established by me & described in "Exterior Book" "F"} _{Three Run}
- N $89^{\circ} 41' W$. on a true line bet. sec. 24 and 25.

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- Descend S.W. slope of spur over stony mountainous land through scattering cedar timber
- 6.00 Dry ravine 20 lks. wide course S. ascend steeply.
- 10.00 Top of spur 25 ft. above ravine bears N.W. and S.E. desc. steep S.W. slope
- 23.30 Dry ravine 10 lks. wide course S. asc. Leads timber bears N and S.
- 26.25 Top of stony spur bears N.E. and S.W. desc. N.W. slope
- 29.00 Dry ravine 10 lks. wide course S.W. asc. steeply
- 40.12 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 24 on N. half and S 25 on S. half.
Raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
Piti impracticable. No trees within limits
- 51.40 Top of stony spur bears N. and S. desc. steep W. slope
- 54.70 Dry ravine course S.W. asc. steeply.
- 57.00 Top of spur bears N. and S. extends 200 lks. S of line desc. steep W. slope.
- 61.50 Dry ravine course S. asc.
- 70.00 Top of stony spur bears N. and S. extends 500 lks. S of line descend steep W. slope.
- 80.24 The cor. of sees. 23, 24, 25 and 26, ^{hereinbefore} described.
Land mountainous.
Soil stony 4th rate
Timber Cedar
Mountainous land 80.24 chs.

April 8th 1910

- 1910
- April 9th 1910 Apr 8th 8⁰⁰ a.m. ^{lmt.} Dep. off. 35° 32' 26" on the lat. arc. 7° 25' 1/2" on the decl. arc. and determine a meridian with the solar at the cor. of sees 23, 24, 25 ^{hereinbefore described} and 26. Thence run N 0° 01' W. for sees. 23 and 24
- Ascend steep rocky S.W. slope over stony mountainous land
- 19.25 Top of spur 50 ft. above cor. bears E and W desc. steeply.
- 27.65 Dry ravine course N.W. asc. steeply. over S.W. slope of spur.
- 30.35 Top of stony spur bears E and W. desc. steeply
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S

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23 on W. half and S 24 on E. half.
 Raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pile impracticable
 Dry ravine course NW, 50 ft. below cor. asc.
 Top of high stony spur bears NW. and S.E. desc.
 Dry ravine course thence asc.
 Top of stony spur bears NW. and S.E. desc.
 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sees. 13, 14, 23 and 24 marked on brass cap T 25 N. S 14 in NW. R 18 E S 13 in NE. S 24 in SE. and S 23 in SW. quadrant
 Raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pile impracticable
 Land mountainous.
 Soil stony 4th rate.
 No timber

April 9th 1910

April 11th ¹⁹¹⁰ Ah. 7^h 20^m A.M. ^{limit} D set off 35° 33' 76. on the
 Ah. arc. 8° 09 1/2' 76. on the decl. arc. and determine a
 meridian with the solar at the cor. of sees. 13, 14, 23 -
 hereinbefore described
 and 24. Thence Drum.

S 89° 41' E. on a random. Line bet. sees. 13 and 24.
 Set temp 1/4 sec. cor.
 Intersect E. l. by. of Tp. 2 lks N. of the cor. of sees. 13
 recently established by me & described in Exterior Book "F"
 18, 19 and 24. Thence Drum
 N 89° 40' W. on a true line bet. sees. 13 and 24.

Descend NW. slope of spur over stony mountainous land through scattering cedar timber

Dry sand wash. 20 lks. wide course N. 30° E. asc.
 Top of spur bears N. and S. desc.
 Dry ravine 15 lks. wide course N.E., ascend, leave timber
 bears N.E. and SW.

Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 13. on N. half and S 24 on S. half.

Raise a mound of stone 2 ft. base 1 1/2 ft. high. N. of cor. Pile impracticable.

Top of stony spur bears N. and S. extends 200 lks S. of line. desc steep W. slope

Dry ravine 10 lks. wide course N.W. asc. steeply
 Top of spur 50 ft. high bears N and S. desc. steep W. slope

44.35
 49.92
 51.40
 70.00
 80.00
 40.00
 80.12
 17.10
 29.50
 33.00
 40.06
 46.00
 62.50
 66.00

Subdivision of M^o 25 N- R. 18 E.

Chains

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68.35 Dry ravine 25 ft. below top of spur Course N.W. asc.
 75.75 Top of stony spur bears N. and S. desc. abruptly over W. slope.
 79.75 Dry ravine course N. asc.
 80.12 The cor. of secs. 13, 14, 23 and 24, hereinbefore described.
 Land mountainous,
 Soil stony 3rd and 4th rate.
 Timber Cedar.
 Mountainous land 80.12 Chs.

N 0° 01' W 1/4 sec. 13 and 14.

Descend steep stony N.E. slope over mountainous land, through scattering sage brush, undergrowth and bunch grass
 8.00 bears stony mountainous land bears N.W. and S.E., Enter hilly land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 14 on W half and 3/4 on E half.
 Dig pits 18x18x12 ins. N and S. of post. 3 ft. dia and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.
 52.00 Dry sand wash 15 lks. wide course N 40° E. asc.
 74.00 Top of sand ridge bears N.E. and S.W. desc. gradually.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14 marked on brass cap 1/2 S 11 in N.W. R 18 E 3/4 S 12 in N.E. S 13 in S.E. and S 14 in S.W. quadrants.
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land hilly and mountainous.
 Soil sandy and stony 3rd and 4th rate
 No timber

S 89° 40' E on a random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.
 80.04 Intersect E bdy. of M^o. at the cor. of secs. 7, 12, 13 and recently established by me as described in Exterior Book "F"
 18.1 Menee Drum
 N 89° 40' W. on a true line bet. secs 12 and 13.
 Descend N.W. slope over hilly land through scattering sage and greasewood bush undergrowth and bunch grass

Chain

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- 17.00 Road leads to Spring bears N.W. and S.E.
- 29.60 Dry sand wash 50 lbs. wide 3 ft. deep course N 35° W
ascend E slope of ridge
- 39.70 Top of sand ridge bears N and S. desc.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 in. in the
ground for 1/4 sec. cor. marked on base Cop 1/4 S 12 on
N. half and S 13 on S. half,
Dig pits 18x18x12 in. E and W. of post 3 ft. dia. and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
- 50.80 Dry sand wash 10 lbs. wide course N. asc.
- 57.75 Top of sand ridge bears N.W. and S.E. desc.
- 59.60 Old road to Navajo hogans bears N.W. and S.E.
- 65.50 Dry sand wash 10 lbs. wide course N.W. asc.
- 68.00 Top of sand ridge bears N.W. and S.E. desc.
- 70.70 Old wood road bears N and S.
- 76.45 Dry sand wash 20 lbs wide 2 ft. deep course N.W. asc
- 80.04 The cor. of secs. 11, 12, 13 and 14, hereinbefore described.
Sand hilly.
Soil sandy and stony 3rd and 4th rate.
No timber

N 0° 01' W. bet. secs. 11 and 12.
Descend N.E. slope over rolling sandy land through
scattering sage and greasewood, with undergrowth
and bunch grass

- 23.10 Old wood road bears N.W. and S.E.
- 28.10 Dry sand wash 15 lbs. wide 2 ft. deep course N.W. asc.
gently over S.W. slope
- 39.00 Top of sand ridge bears N.W. and S.E. desc N.E. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the
ground for 1/4 sec. cor. marked on base Cop 1/4 S 11 on
W. half and S 12 on E half.
Dig pits 18x18x12 in. N and S. of post 3 ft. dia. and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high
W. of cor.

NOTE On this end set off 8° 13' N. on the decl. arc. and at
noon observe the sun on the meridian and
obtain on the lat. arc a reading of 35° 8' 4 1/2" N.

- 80.00 Set an iron post 3 ft. long, 2 in. in diam. 24 in.
in the ground for cor. of secs. 1, 2, 11 and 12 marked
on base Cop T 25 S 2 on N.W. R 18 E S 1 in N.E. S 12 in

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Chain

Subdivision of Tp 25 N. R 18 E

in S.E. and S11 in SW. Quadrant
Dig pits 18x18x12 ins. in each. sec. 5 1/2 ft. deep. and
raise a mound of earth 4 ft. base. 2 ft. high. W.
of cor.
Land rolling
Soil sandy 3rd rate
No timber

S 89° 40' E on a random line bet. sec. 1 and 12.
40.00 Ch. long 1/4 sec. cor.

80.00 Intersect E. l. l. of Tp. 2 lks. S. of the cor. of sec. 1,
6, 7, and 12. ^{recently established by me & described in Exterior Book "F"} thence I run

N 89° 41' W. on a true line bet. sec. 1 and 12.

Ascend abruptly rocky. E. slope of Malpais Butte. over
mountainous land, through bunch grass.

14.10 Top of Butte 200 ft. above cor. bears N 20° W and S 20° E.
Descend abruptly over S.W. slope

34.00 Foot of abrupt descent, level mountainous land
bears N and S. Enter rolling land desc. gradually.

40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in
the ground for 1/4 sec. cor. marked on base cap.
1/4 S 1 on N. half and S 1/2 on S. half
Raise a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor.
Pits impracticable.

45.00 Dry sand wash 15 lks wide course N.W. asc. gently.

57.35 Road to Spring bears N. and S. on top of ridge bears
N. and S. desc

64.00 Dry sand wash. 50 lks. wide 2 ft. deep course N.W.
ascend gently.

80.00 The cor. of sec. 1, 2, 11 and 12, hereinbefore described
Land rolling and mountainous.
Soil sandy and stony 3rd and 4th rate.
No timber.

Mountainous land 34.00 Chs.

N 0° 01' W. bet. sec. 1 and 2.

Descend gradually N.E. slope over rolling sandy land
through scattering sage and greasewood bush
mudgrass and bunch grass

13.00 Sand wash. course N.W.

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- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on base Cop' 4 32 on W. half and S1 on E. half. Dig pits 18x18x12 ins. N and S. of post 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. W of cor.
- 44.82 Road to Spring. base N.W. and S.E.
- 71.50 Depression base N.W. and S.E. are. SW. slope of Malapai Butte. soil stony mountainous land base N.W. and S.E.
- 75.00 Top of asemb. rd spur base E and W. extends 100 lks. W. of line. desc. steep N. slope.
- 81.20 Intersect N. ldy. of Twp. 7 97 Chs. West. of the cor. of sees. 1, 2, 35 and 36. ^{recently estab. by me & described in Exterior Book "A"} Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of sees. 1 and 2. marked on base Cop. C.C. 4 26 N. T 18 E S 35, S 36 in N. half. S1 in SE. and S2 in S.W. quadrant. Dig pits 24x18x12 ins. crosswise on each line E and W. 3 ft. and S. of post 7 ft. dia. and raise a mound of earth 4 ft. base 2 ft. high. S of cor. Change the cor. of sees 1, 2, 35 and 36, from a cor. common to four sees. to a cor. common to two sees for the Twp on the north. Land rolling and mountainous. Soil sandy and stony ^{3rd} and 4th rate. No timber. Mountainous land 9.70 Chs

April 11th 1910.

April 9th 1910 Ab. 7^h 00^m a ^{l.m.t} ^{mp} Det. of 35° 30 $\frac{1}{2}$ ' N. on the lab. arc. 7° 24' N. on the decl. arc. and determine a meridian with the polar at the standard cor. of sees. 34 and 35 on S. ldy. of ^{recently re-estab. by me & described in Standard Book "F"} ^{Thence} ^{run.} W 0° 01' W. bet. sees. 34 and 35. Descend N. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

- 11.00 Dry sand wash 40 lks. wide 4 ft. deep course W. ascend gradually.
- 34.15 Road to Comas Spring base E and W.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the

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ground for 4 sec. cor. marked on brass Cop 4 334 on W. half and 335 on E half.
 Dig pits 18x18x12 ins. N and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35 marked on brass Cop T 25 N. S 27 in N.W. T 18 E S 26 in N.E. 335 in S.E. and 334 in S.W. quadrant.
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

40.00 S 89° 45' E on a random line bet. secs. 26 and 35
 Set temp. 4 sec. cor.
 79.96 Intersect N and S. line 5 lks. N. of the cor. of secs. 26, 35 and 36. ^{hereinbefore described} Hence run
 N 89° 43' W. on a true line bet. secs. 26 and 35 -
 Descend N.W. slope over hilly sandy land through scattering sage and greasewood brush undergrowth and bunch grass
 1.18 Proof of descent in dry sand wash 15 lks. wide 1 ft. deep course S.W. Leads hilly land toward N.W. and S.E. Enters rolling land toward N.W. and S.E.
 4.75 Dry sand wash 10 lks. wide course S.W.
 8.00 Old wood road bears N.E. and S.W.
 39.98 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 4 sec. cor. marked on brass Cop 4 326 on N. half and 335 on S. half.
 Dig pits 18x18x12 ins. E and W. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
 79.96 The cor. of secs. 26, 27, 34 and 35; hereinbefore described.
 Land hilly and rolling
 Soil sandy 3rd rate.
 No timber

Chains

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N⁰01' W. bet. sec. 26 and 27.

Ascend S.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

17.00 Dry sand wash. 25 lbs. wide 5 ft. deep. course S.W.

40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 27 on W. half and S 26 on E half.

Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. W of cor.

48.60 Top of low sand ridge bears N.E. and S.W. desc.

73.00 Dry ravine course West. asc.

75.00 Top of low sand ridge bears E and W. desc. gently over N. slope.

80.00 Set an iron post. 3 ft. long. 2 in. in diam. 24 in. in the ground for cor. of sec. 22, 23, 26 and 27, marked on brass cap T 25 N S 22 in N.W. R 18 E

S 23 in N.E. S 26 in S.E. and S 27 in S.W. quadrants. Dig pits 18x18x12 ins. in each. sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W of cor.

Land rolling.

Soil sandy, 3rd rate.

No timber

NOTE

At this cor I set off 7° 28 $\frac{1}{2}$ ' N. on the decl. arc and at noon observe the sun on the meridian and obtain on the lat. arc a reading of 35° 32' N.

S 89° 43' E on a random line bet. sec. 23 and 26.

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

80.08 Intersect N and S. line 10 lbs. N. of the cor. of Secs. 23, 24, 25; and 26 ^{hereinbefore described} Thence I run

N 89° 39' W. on a true line bet. sec. 23 and 26.

Descend W. slope over stony mountainous land through scattering sage and greasewood brush undergrowth and bunch grass

3.56 Dry ravine 15 lbs wide course S. asc.

10.00 Top of stony spur bears N and S. desc. W. slope.

28.50 Dry ravine 30 ft. below top of spur course N.W. asc N.E. slope of spur

Subdivision of N^o. 2576; R 18E.

Chains

BOOK 2584

31.00 N^o. of spur 15 ft. above ravine bears NW. and S.E., Extends NW. of line 150 lbs. dist.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 23 on N. half. and S 26 on S. half.

Dig pits 18 x 18 x 12 in. E and W. of post 3 ft. dish and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. No. of cor.

42.75 The same ravine course S.W. arc.

45.00 N^o. of stony spur 20 ft. above ravine bears NE. and S.W. descent steeply

50.00 Proof of steep rocky descent bears mountainous land bears NW. and S.E. Enter rolling sandy land bears NW. and S.E. desc. gradually.

51.39 Old wood road bears NW. and S.E.

80.08 The cor. of secs. 22, 23, 26 and 27, hereinbefore described. Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate. No timber

Mountainous land 50.00 chs.

April 9th 1910

April 12th 1910 Ah. 7^h 30^m a.m. ^{l.m.t.} S^o of $35^{\circ}32'$ N. on the lake arc. $8^{\circ}31\frac{1}{2}'$ N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 22, 23, 26, and 27, hereinbefore described. Thence I run.

N 0^o 01' W. bet. secs 22 and 23. Over rolling sandy land.

5.61 Dry sand wash. 30 lbs. wide 3 ft. deep course NW.

23.37 Dry sand wash 25 lbs. wide 1 ft. deep course W.

33.65 Dry sand wash 15 lbs. wide 1 ft. deep course S.W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 22 on W. half and S 23 on E. half. Dig pits 18 x 18 x 12 in. N. and S. of post. 3 ft. dish. did raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W. of cor.

45.90 Road from Winslow Arizona to Placea Arizona bears NE. and S.W.

55.50 Dry sand wash 15 lbs. wide 2 ft. deep course West.

76.00 Dry sand wash. 10 lbs. wide 2 ft. deep course S.W.

8000

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins in the ground for cor. of sec. 14, 15, 22 and 23. marked on brass cap T 25 N S 15 in NW. T 188 S 14 in N.E. S 23 in S.E. and S. 22 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling,
Soil sandy, 3rd rate.
No timber.

4000

S 89° 39' E on a random line bet. sec 14 and 23
Set temp. 4 sec. cor.

8016

Intersect N and S. line 3 lks. S. of the cor. of
Secs. 13, 14, 23 and 24 ^{herein before described}. Thence S run
N 89° 40' W. on a true line bet. sec 14 and 23.

Ascend E. slope of stony spur over mountainous land through scattering sage brush undergrowth and bunch grass.

1.70

Top of spur 25 ft. above cor. brass N and S. desc.

9.05

Dry ravine 10 lks wide course N.E. asc.

19.20

Top of stony spur bears N and S. desc.

29.40

Dry ravine course North and steep E. slope.

35.50

Top of spur bears N and S. desc. over NW. slope.

40.08

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S. 14 on N. half and S 23 on S. half.

Raise a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor. Pits impracticable

53.0

Top of steep rocky descent. Leave mountainous land bears N.E. and S.W. Enter rolling sandy land bears N.E. and S.W. desc. gently.

73.48

Road from Winslow Arizona to Pacea Arizona bears N.E. and S.W.

77.00

Dry sand wash. 15 lks. wide 2 ft. deep course S.W.

80.16

The cor. of sec. 14, 15, 22 and 23, herein before described.

Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate.
No timber

Mountainous land 5800 chs.

N^o 01' W. T⁶ Secs. 14 and 15

Begin ascent over S.E. slopes of Malapai Butte, over rolling land through scattering sage and greasewood brush undergrowth and bunch grass.

24.10 Dry ravine 10 lks. wide 3 ft. deep. Course S.W.

29.70 The same ravine course S.E. Enter scattering cedar timber land E and W. Begin ascent over mountainous land E and W.

37.60 Top of ridge bears E and W. desc.

38.50 Dry ravine course E. asc.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 15^o W. half and S 14^o on E. half, from which a cedar 5 ins. in diam. bears S 67^o E 241 lks. dist. marked $\frac{1}{4}$ S 14 B.T.

A cedar 6 ins. in diam. bears S 7^o W 118 lks. dist. marked $\frac{1}{4}$ S 15 B.T.

41.00 Top of ridge bears E and W. desc.

42.00 Dry ravine 25 ft. below top of ridge course E. asc.

46.44 Top of stony ridge bears E and W. desc.

48.15 Dry ravine course S 60^o E. asc.

53.00 Top of stony ridge bears E and W. desc.

54.40 Dry ravine 20 ft. below top of ridge course E. asc.

60.70 Top of spur bears E and W. Extends 25 lks. E of line desc. steeply.

71.00 Dry ravine 20 lks. wide course E and asc.

75.50 Top of ridge bears E and W. desc.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15 marked on brass cap T 25 N. S 10 in N.W. R 18 E S 11 in N.E. S 14 in S.E. and S 15 in S.W. quadrants, from which a cedar 4 ins. in diam. bears N 41³/₄ E 16 lks. dist. marked T 25 N. R 18 E S 11 B.T.

A cedar 5 ins. in diam. bears S 60¹/₂ E 73 lks. dist. marked T 25 N. R 18 E S 14 B.T.

A cedar 14 ins. in diam. bears S 69¹/₄ W 88 lks. dist. marked T 25 N. R 18 E S 15 B.T. and

A cedar 16 ins. in diam. bears N 34³/₄ W 170 lks. dist. marked T 25 N. R 18 E S 10 B.T.

Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate.

Timber Cedar

Mountainous land 50.30 chs.

S89°40'E on a random line bet. secs. 11 and 14.
 40.00 Sec temp. 1/4 sec. cor.
 79.98 Intersect N and S. line 8 lks. S. of the cor. of secs.
 11, 12, 13 and 14, ^{hereinbefore described} thence S run.
 N89°43' W on a true line bet. secs. 11 and 14
 Ascend N.E. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass
 8.00 Dry sand wash 20 lks. wide 3 ft. deep course N.E.
 14.00 Dry sand wash 10 lks. wide 1 ft. deep course N.E.
 39.99 Set an iron post 3 ft long 1 in. in diam. 26 ins. in
 the ground for 1/4 sec. cor. marked on base cap.
 1/4 S 11 on N. half. and S 14 on S. half.
 Digs pits 18x18x12 ins E and W. of post, 3 ft. deep.
 and raised mound of earth 3 1/2 ft. base, 1 1/2 ft.
 high N. of cor.
 46.00 Enter scattering cedar timber trees N.E. and S.W.
 50.00 Road from Winslow Arizona to Placea Arizona
 bears N.E. and S.W. Enter hilly land bears N.E. and S.W.
 51.00 Top of ridge bears N.E. and S.W. desc. N.W. slope
 53.60 Dry ravine 10 lks. wide 5 ft. below top of ridge
 course N.E. asc.
 67.73 Wood road along crest of ridge bears N.E. and S.W.
 desc.
 70.45 Dry ravine 20 ft. below top of ridge. course N.E.
 leave hilly land bears N.E. and S. Enter mountainous
 land. bears N.E. and S. asc.
 79.00 Top of spur bears N.E. and S.W. desc steeply
 79.78 The cor. of secs. 10, 11, 14 and 15, hereinbefore described.
 Land rolling hilly and mountainous.
 Soil sandy and stony 2nd 3rd and 4th rate.
 Timber Cedar.
 Mountainous land 9.55 lks.

N0°01'W. bet. secs. 10 and 11
 Descend steep rocky N.W. slope of spur over mountainous
 land through scattering cedar timber and bunch
 grass.
 1.60 Dry ravine 25 lks below cor. course N.E. asc.
 7.75 Top of stony spur bears N.E. and S.W. desc. steeply.
 17.40 Dry ravine 10 lks. wide course N.E. ascend.

Subdivision of T₂₅N, R₁₈E.

Chain

BOOK 2584

- 24.00 Pkgs. of spur bars N.E. and S.W. desc
- 30.00 Dry ranine Course N.E. asc.
- 37.60 Wood. road bars N.W. and S.E.
- 40.00 Set an iron post 3/4 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S10 on W half and S11 on E half, from which
 A Cedar 8 ins. in diam bears N89 $\frac{3}{4}$ ° W 240 lks. dist. marked $\frac{1}{4}$ S10 B.T.
 A Cedar 6 ins. in diam, bears N33° E 167 lks. dist. marked $\frac{1}{4}$ S11 B.T.
- 44.40 Dry ranine course N.E. asc Low timber bears E and W.
- 48.00 A point 100 lks. West of Morajo Hogan.
- 80.00 Set an iron post 3/4 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on Brass Cap T25 N S 3 in N.W., T18 E S 2 in N.E. S11 in S.E. and S10 in S.W. quadrants.
 Dig pits 18x18x2 ins. in each sec. 5 $\frac{1}{2}$ ft. dist and erect a mound of earth 4 ft. low, 2 ft. high. W. of cor.
 Land mountainous.
 Soil sandy and stony 3rd and 4th rate.
 Timber Cedar
 Mountainous land 80.00 chs.

NOTE Clouds obscure the sun at noon today, rendering an observation for latitude with the solar impossible

April 12th 1910

- April 19th 1910 At 8^h 30^m am ^{lmt.} set off. 35° 35' N on the lat. arc 11° 02' N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 2, 3, 10 and 11 ^{hereinbefore described} Thence Drive
 S89° 43' E on a random line bet. secs. 2 and 11
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 49.92 Dubuque N and S. line, 10 lks. S. of the cor. of secs. 2, 11 and 12 ^{hereinbefore described} Thence Drive
 N89° 47' W. on a true line bet. secs. 2 and 11
 Over rolling sandy land slopes to the N.W. through matted sage and greasewood bush undergrowth and brush grass.
- 5.00 Dry sand wash, 100 lks. wide 2 ft deep course N.W.

Chain

Subdivision of T₂₅ N₁₈ E

17

- ascend N.E. slope
- 22.00 Top of sand ridge 10 ft. high. bears N.W. and S.E.
desc.
- 27.77 Road to Spring bears N and S.
- 39.96 Set an iron post 3 ft. long 1 in. in diam. 26 ins.
in the ground for 4 sec. cor. marked on brass
cap 4 & 2 on N. half and 311 on S half.
Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.
high N. of cor.
- 40.66 Road from Winslow Arizona to Placca Arizona
bears N. and S.
- 79.92 The Cor. of secs. 2, 3, 10 and 11, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber
-
- N^o of W. Secs. 2 and 3.
Descend N slope over rolling land through scatter-
ing sage and greasewood brush undergrowth
and bunch grass
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins.
in the ground for 4 sec. cor. marked on brass
cap 4 & 3 on W. half and 32 on E half.
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.
high W. of cor.
- 56.00 Top of gradual descent, bears rolling land
bears N.E. and S.W. Enter level sandy land.
- 64.85 Old road leads to Indraw hogans bears N.E.
and S.W.
- 80.86 Intersect N. ldy. of T₂₅ N₁₈ E. West of the
recently established by me & described in Exterior Book "A"
Cor. of secs. 2, 3, 34 and 35. Set an iron
post 3 ft. long, 2 ins. in diam. 24 ins. in the
ground for closing cor. of secs. 2 and 3. marked
on brass cap C.C. T₂₆ N₁₈ E S 34, 335 in
N. half and S 2 in S.E. and S 3 in S.W. quadrants.
Dig pits 24 x 18 x 12 ins. Crosswise on each line
East W. 3 ft. and S. of post - 7 ft. dist. and
raise a mound of earth 4 ft. base, 2 ft. high S.
of cor. Change the cor. of secs. 2, 3, 34 and 35

Subdivision of Twp 25 N. R 18 E.

Chain

19

- N 89° 50' W. on a true line bet sec. 27 and 34
 Descend gradually S.W. slope over rolling sandy land
 through scattering sage and greasewood brush under-
 growth and bunch grass.
- 39.92 Set an iron post 3 ft long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S
 27 on N. half and S 34 on S. half.
 Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. deep and
 raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. N. of
 Cor.
- 74.45 Dry ravine 15 lbs. wide course S.W. asc.
- 79.60 Road from Winslow Arizona to Placea Arizona bears
 N.E. and S.W.
- 79.84 The cor. of sec. 27, 28, 33 and 34, hereinbefore described.
 Land rolling.
 Soil sandy; 3rd rate.
 No timber
- NOTE - At 10 a.m. heavy snow storm prevents further work
 on this day -

April 13th 1910.

- April 14th 1910 At 1^h 00^m p.m. ^{l. mt.} set off 35° 31' 1/2" N on the
 lat. arc, 9° 19' 1/2" W. on the decl. arc. and determined a
 meridian with the solar at the cor. of sec. 27, 28, 33
 and 34. Thence I run.
- N 0° 02' W. bet sec. 27 and 28.
 Ascend S.E. slope over rolling sandy land. through
 scattering sage and greasewood brush undergrowth
 and bunch grass.
- 40.00 Set an iron post 3 ft long, 1 in. in diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 28 on
 W. half and S 27. on E. half.
 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of
 cor. Pits impracticable.
- 52.70 Foot of Malapai Butte. Leave rolling land bears E and
 W. Enter stony mountainous land bears E and W,
 ascend abruptly.
- 57.00 Top of spur bears E and W descend steep N. slope
- 66.00 Dry ravine 40 ft below top of spur. Course E. asc.
- 69.95 Ridge 20 ft high bears N.E. and S.W.
- 73.00 Top of spur bears E and W. desc.
- 77.00 Dry ravine 60 ft deep Course East. asc. steeply

Subdivision of Twp 25 N., R 18 E.

21

Chains

- undergrowth and bunch grass.
- 1.00 Nople spur 20 ft. above cor. bears E and W. desc.
- 13.50 Dry ravine 40 ft. deep course N.E. asc.
- 17.00 Top of spur bears N.E. and S.W. Extends 200 lbs N.E. of line. desc.
- 27.40 The same ravine course N.W.
- 40.00 See an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 21 on W. half and S 22. on E half.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable
- 48.80 Dry sand wash. 50 lbs. wide. 3 ft. deep course W. Leads mountainous land bears E and W. Enter hilly land ascend over S. slope
- 68.00 Top of sand ridge bears N.E. and S.W. desc.
- 70.80 Dry ravine 10 lbs. wide course S.W. asc.
- 80.00 See an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22. marked on brass cap $\frac{1}{4}$ S 15 in N.W. R 18 E S 15 in N.E. S 22 in S.E. and S 21 in S.W. quadrant.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable
Land hilly and mountainous.
Soil sandy and stony 3rd and 4th rate.
No timber
Mountainous land 48.80 chs.
-
- S 89° 57' E on a random line bet. secs. 15 and 22.
- 40.00 See temp. $\frac{1}{4}$ sec cor.
- 79.80 Intersect N. and S. line 10 lbs. S. of the cor. of secs. 14, 15, 22 and 23 ^{hereinbefore described} thence D run.
- S 89° 59' W. on a true line bet. secs 15 and 22.
Ascend S.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.
- 37.80 Dry sand wash 10 lbs. wide 2 ft. deep. course S.
- 39.93 See an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 15 on N. half and S 22 on S. half.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable.

BOOK 2584

- 40.33 Dry sand wash, 20 lks wide 3 ft. deep course S. Leave rolling land bears N.E. and S.W. Enter stony mountainous land bears N.E. and S.W. ascend steep E. slope of spur
- 50.00 Top of spur bears N and S. desc. steeply.
- 53.00 Dry ravine 15 lks. wide Course S. asc.
- 66.00 Top of stony spur bears N.E. and S.W. desc.
- 70.68 Dry ravine 10 lks. wide 20 ft. below top of spur. Course S.W. Leave mountainous land bears N.W. and S.E. Enter hilly land
- 74.00 Top of sand ridge bears N.E. and S.W. desc.
- 78.00 Dry ravine 20 lks. wide Course S.W. asc.
- 79.86 The cor. of secs. 15, 16, 21, and 22, hereinbefore described. Land rolling hilly and mountainous. Soil sandy and stony 3rd and 4th rates. No timber
Mountainous land 30.35 Chs.

N 0° 02' W Sec. 15 and 16.

Ascend S.W. slope over hilly sandy and stony land

- 16.10 Dry ravine 8 lks wide 4 ft. deep course S.W. asc.
- 20.00 Top of ridge bears N.E. and S.W. desc.
- 23.80 Dry sand wash 40 lks. wide 2 ft. deep course S.W. Leave hilly land bears N.W. and S.E. Enter stony mountainous land bears N.W. and S.E. ascend steeply
- 32.50 Top of stony spur bears N.E. and S.W. desc
- 36.80 Dry sand wash 30 ft. below top of spur course S.W. asc.
- 40.00 Set an iron fork 3 ft. long 1 in. in diam. 26 ins. in the ground for 4 sec. cor. marked on brass cap $\frac{1}{4}$ S 16 on W half and S 15 on E half.
Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable
- 55.15 Top of stony spur bears N. and S.W. desc.
- 59.20 Dry ravine course S.W. asc.
- 71.30 Top of stony spur bears N.E. and S.W. desc.
- 75.00 Dry ravine 30 ft. below top of spur Course S.W. asc.
- 80.00 Set an iron fork 3 ft. long, 2 in. in diam 26 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap T 25 N. S 9 in N.W. T 18 E S 10 in N.E. S 15 in S.E. and S 16 in S.W. quadrants.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W of cor

Pits impracticable

Land hilly and mountainous.

Soil sandy and stony 3rd and 4th rate.

No timber

NOTE - On the 4th sec. cor. bet. sec. 15 and 16, ^{described above} I ran off 10° 01' 1/2" W. on the decl. arc and at noon observed the sun on the meridian and obtain on the lab. area reading of 35 33 1/2' N.

N 89° 59' E on a random line bet. sec. 10 and 15.

40.00 Set temp 4 sec. cor.

80.02 Intersects N and S. line 8 lbs. S. of the cor. of sec. 10 hereinbefore described N. 14, and 15. Thence I run.

S 89° 56' W. on a true line bet. sec. 10 and 15

Descend N.W. slope over stony mountainous land through scattering cedar timber and bunch grass.

1.00 Dry ravine 15 ft. below cor. Course N.E. are steeply

20.65 Top of spur bears N.W. and S.E. desc.

24.46 Dry ravine 20 lbs. wide Course N.W. are.

25.00 Wood road bears N.W. and S.E.

27.00 Top of sand spur bears N.W. and S.E. desc.

28.50 Dry ravine Course N.W. are.

33.00 Top of sand spur bears N. and S. desc.

34.50 Dry ravine 30 ft. below top of spur Course N. are.

38.00 Top of spur bears N.E. and S.W. desc.

39.50 Dry ravine 10 lbs. wide Course N.E. are

40.01 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 4 sec. cor marked out here Cap 4 S 10 on N. half and S 15 on S. half, from which.

A pinow pine 6 ins. in diam. bears N 63° W 42 lbs. dist marked 4 S 10 B.T.

A pinow pine 10 ins. in diam. bears S 12 3/4° E 38 lbs. dist marked 4 S 15 B.T.

58.00 Top of ascent on E. edge of Malapai Butte 450 ft.

above 4 sec cor. bears N.W. and S.E. Learn timber bears N.W. and S.E.

61.00 Top of Butte desc over S.W. slope.

67.00 West edge of Butte bears N.W. and S.E. descend abruptly over cliffs

80.02 The cor. of sec. 9, 10, 15 and 16; hereinbefore described.

Land mountainous.

Soil stony 3rd and 4th rate.

Timber cedar and some pinow pine.

BOOK 2584

mountainous land 80.02 Chs.

N 0° 02' W. 1/4 sec. 9 and 10.

Ascend S. slope over stony mountainous land through scattering sage brush. Undergrowth and bunch grass

7.25 Top of spur bears E and W. Desc steep N. slope.
39.75 Dry ravine at foot of steep descents Course N.W. bears
Mountainous land bears N.E. and S.W. Enter hilly
land bears N.E. and S.W. Ascend S.W. slope.

40.00 Set a iron post 3 1/2 ft. long, 1 in. in diam. 26 ins. in the
ground for 1/4 sec. cor. marked on brass cap 1/4 S 90 W
half and S 10 on E half

Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
Pits impracticable.

42.70 Top of ridge bears N.E. and S.W. desc.

43.35 Dry ravine Course N.W. asc.

46.00 Top of ridge bears N.W. and S.E. desc.

80.00 Set a iron post 3 ft. long 2 ins. in diam 24 ins. in the
ground for cor. of secs. 3, 4, 9 and 10 marked on brass
Cap T 25 N S 4 in N.W. R 18 E S 3 in N.E. S 10 in S.E. and S 9 in
S.W. quadrants; Raise a mound of stone 2 ft base 1 1/2 ft.
high W. of cor. Pits impracticable and 4th rate. No timber
Land hilly and inter. Soil sandy and stony April 16th 1910.

1910

April 19th At 11^h 00^m a.m. ^{l.m.t} set off 35° 35' N on the
lat. arc, 11° 04' W on the decl. arc and determine a
meridian with the solar at the cor. of secs. 3, 4, 9 and 10
hereinbefore described
Thence Drun

N 89° 56' E on a random line bet. secs. 3 and 10.

40.00 Set temp 1/4 sec. cor.

79.82 Intersect N and S. line 10 lks. N of the cor. of secs. 2, 3,
hereinbefore described
10 and 11. Thence Drun

West on a true line bet. secs 3 and 10.

Over rolling sandy land through scattering sage
and greasewood brush undergrowth and bunch grass

56.0 Dry sand wash 15 lks. wide 1 ft. deep course N.

38.62 Dry sand wash 10 lks. wide course N. Leave rolling
land bears N.W. and S.E. Enter hilly stony land bears
N.W. and S.E. ascend

39.91 Set a iron post 3 ft. long 1 in. in diam. 26 ins. in the
ground for 1/4 sec. cor. marked on brass cap 1/4 S 3 on
N. half and S 10 on S. half; Raise a mound of

Chains

Subdivision of Twp. 25 N. R. 18 E.

- Stone 2 ft base, 1 1/2 ft high N. of cor. Pits impracticable
 41.69 Wood road bears NW. and S. E.
 42.77 Top of ridge bears N and S. desc.
 42.82 Wood road bears N and S.
 53.00 Dry ravine 10 lbs. wide course N. and S.
 64.00 Top of ridge bears N and S. desc.
 77.00 Dry ravine 20 lbs. wide course N. E. and S. W.
 79.82 The cor. of secs. 3, 4, 9, and 10, hereinbefore described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber

- N 0° 02' W. Ch. sec 3 and 4.
 Descend N. W. slope over hilly sandy and stony land
 through scattering sage and greasewood bush under-
 growth and bunch grass.
 12.00 A point 15.00 chs. west. of Navajo Hogan.
 30.00 Foot of descent leave hilly land bears N. E. and S. W.
 Enter level sandy land bears N. E. and S. W.
 40.00 Set an iron post 3 ft long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S
 $\frac{1}{4}$ W. half and $\frac{1}{4}$ S. W. half.
 Dig pit 18 x 18 x 2 ins. N and S. of post 3 ft. dish and
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N.
 of cor.
 80.84 Intersect N. line of Twp. 7.77 Chs. W. of the cor. of
 sec. 3, 4, 33 and 34, ^{recently estab. by map & described in Extension Book "A"} Set an iron post 3 ft. long,
 2 in. in diam. 24 ins. in the ground for closing
 cor. of sec 3 and 4, marked on brass cap. C & T
 26 N. R. 18 E. S. 33, S. 34 in N. half. and S. 3 in S. E.
 and S. 4 in S. W. quadrants
 Dig pit 24 x 18 x 2 ins. crosswise on each line E and W.
 3 ft. and S. of post 7 ft. dish and raise a mound of
 earth 4 ft. base, 2 ft. high S. of cor.
 I change the cor. of sec. 3, 4, 33 and 34. from a cor.
 common to four sec. to a cor. common to two sec.
 for the Twp. on the north.
 Land level and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber

April 19th 1910

BOOK 2584

NOTE April 19th 1910. At the $\frac{1}{4}$ sec. cor. bet. sec. 3 and 10, ^{hereinbefore described} I set off $11^{\circ}05'$ N. on the decl. arc. and at noon observed the sun on the meridian and obtain on the lat. arc a reading of $35^{\circ}35'$ N.

April 14th 1910 At 8^h 15^m a.m. ^{l.m.t.} I set off $35^{\circ}30\frac{1}{2}'$ N. on the lat. arc $9^{\circ}15\frac{1}{2}'$ N. on the decl. arc and determine a meridian with the solar at the Standard Cor. of sec. 32 and 33 on S. half of ^{recently re-established by me & described in Standard Book "F"} Twp 25 N. R 18 E. Thence I run

$N 0^{\circ}03' W.$ bet. sec. 32 and 33

Resend N. slope over rolling sandy lands.

5.75 Run 25 ft. deep cross stream alkali water 2 lks wide 1 in deep. Course $N 80^{\circ} W.$ comes from Springs 6 Chs. E. of line

12.80 Pack trail bears E. and W. on top of sand ridge bears E and W. desc.

37.10 Dry sand wash. 20 lks. wide course W. acc over hilly land.

40.00 Set an iron post 3 ft long 1 in in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass Cop $\frac{1}{4}$ S 32 on W. half and S 33 on E half.

Dig pits 18 x 18 x 2 ins. to and S. of post. 3 ft. deep. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W. of cor.

52.80 Top of sand ridge bears N.E. and S.W. desc. steeply.

55.00 Dry ravine 25 ft. below top of ridge course $S 60^{\circ} W.$ acc.

64.00 Top of ridge bears N.E. and S.W. desc.

68.20 Dry ravine 20 ft. below top of ridge course S.W. acc.

80.00 Set an iron post 3 ft long 2 in. in diam. 24 ins. in the ground for cor. of sec. 28, 29, 32 and 33 marked on brass Cop T 25 N. R 18 E S 29 in N.W. R 18 E S 28 in N.E. S 33 in S.E. and S 32 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land rolling and hilly.

Soil sandy 3rd rate.

No timber

$S 89^{\circ}53' E.$ on a random line bet. sec. 28 and 33.

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

79.88 Intersect N and S line 10 lks. N. of the cor. of sec. 27 ^{hereinbefore described} 28. 33 and 34. Thence I run

Chain

27

N 89° 49' W. on a true line bet. sec. 28 and 33.
Ascend S.E. slope over hilly sandy land through
scattering sage and greasewood bush undergrowth
and bunch grass

- 5.00 Top of ridge bears N.E. and S.W. desc.
- 8.00 Dry ravine 15 ft. below top of ridge course S.W. asc.
- 37.00 Top of sand ridge bears N and S. desc.
- 39.94 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$
S 28° 00' W. half and S 33° 00' W. half.
Dig pits 18 x 18 x 12 ins. N and S of post 3 ft. dia. and
raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W.
of cor

- 41.00 Dry ravine 5 ft. below $\frac{1}{4}$ sec. cor. Course S. asc.
- 46.00 Top of ridge bears N and S. desc.
- 79.88 The cor. of sec. 28, 29, 32 and 33, hereinbefore described.
Land hilly.
Soil sandy 3rd rate.
No timber

NOTE April 14th 1910 At the Cor. of sec. 28, 29, 32 and 33
Set off 9° 18' 2" W. on the decl. arc and at noon observe
the sun on the meridian the resulting latitude
being 35° 31' 2" N.

April 14th 1910

April 15th 1910 At 2^h 00^m p.m. ^{l.m.t.} Set off 35° 31' 2" N.
on the lat. arc 9° 42' W. on the decl. arc. and
determine a meridian with the solar at the
cor of sec. 28, 29, 32 and 33 ^{hereinbefore described} thence S run.

N 0° 03' W. bet. sec. 28 and 29.

Ascend S.W. slope over hilly sandy land, through
scattering sage and greasewood bush undergrowth
and bunch grass.

- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins in the
ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 29° 00'
W. half and S 28° 00' E. half
Dig pits 18 x 18 x 12 ins. N and S of post 3 ft. dia. and raise
a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
- 60.00 Top of said ridge bears E and W. desc. N slope.
- 80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins in
the ground for cor. of sec. 20, 21, 28 and 29, marked on
brass cap T 25 N 32° 00' in N.W. T 18 E S 21° 00' in N.E. S 28° 00' in S.E.

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and S 29 in SW. quadrant

Dig pits 18x18x12 ins. in each sec 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land hilly,

Soil sandy 3rd rate.

No timber

S 89° 49' E on a random line bet. secs 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.04 Ditch bet N and S. line at the cor. of secs. 21, 22, 27
hereinbefore described
and 28, thence Drum

N 89° 49' W. on a true line bet. secs. 21 and 28.

Ascend steep rocky E slope of Malapai Butte over mountainous land, through scattering sage brush, undergrowth and bunch grass.

14.80 Top of rocky spur 100 ft. above cor. base N and S. desc.

40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on N. half and S 28 on S half. Raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pits impracticable.

69.20 Dry ravine course N.W. Leave mountainous land bears N.E. and S.W. Enter hilly land. bears N.E. and S.W.

80.04 The cor. of secs. 20, 21, 28 and 29, hereinbefore described
Land hilly and mountainous.Soil sandy and stony 3rd and 4th rate.

No timber

April 15th 1910April 18th 1910 At 7^h 30^m a.m. ^{l.m.t.} Set off 35° 32' 76
on the lat. arc, 10° 40 1/2' 76 on the decl. arc. and
determine a meridian with the solar at the cor.
of secs. 20, 21, 28 and 29, ^{hereinbefore described}
thence Drum

N 0° 03' W. bet. secs. 20 and 21

Descend N.W. slope over rolling sandy land through scattering sage and greasewood bush, undergrowth and bunch grass

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 20 on W. half and S 21 on E. half

Dig pits 18x18x12 ins N. and S. of post. 3 ft. dist

Subdivision of N^o 25 N. R 18 E.

Chains

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

51.25 Dry sand wash 75 lbs. wide 4 ft. deep. Course N.W. ase. S.W. slope over hilly land base N.W. and S.E.

59.00 Prof. of sand ridge base N.W. and S.E. desc.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of secs. 16, 17, 20 and 21 marked out base Cap T 25 N S 17 in N.W. T 18 E. S 16 in N.E. S 21 in S.E. and S 20 in S.W. quadrants. Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base 2 ft high, W. of cor.

Land rolling and hilly.
Soil sandy 3rd rate
No timber

N 89° 49' E on a random line bet. sec. 16 and 21

40.00 Set temp. 1/4 sec. cor.

79.78 Intersect N and S. line 16 lbs. No. of the cor. of secs. 15, 16, 21 and 22, ^{hereinbefore described} thence S and

N 89° 42' W. on a true line bet. sec. 16 and 21

Descend S.W. slope over hilly sandy land through scattering sage and greasewood brush undergrowth and brush grass

5.75 Dry ravine 10 lbs. wide course S.W. ase.

8.00 Prof. of sand ridge base N.E. and S.W. desc. S.W. slope

23.80 Dry ravine 15 lbs. wide course S.W. ase.

29.00 Prof. of ridge base N.E. and S.W. desc

39.00 Dry sand wash 10 lbs. wide 2 ft. deep course S.W.

39.89 The Point for the 1/4 sec. cor. falls in bed of same ravine Course N.W. where natural causes would insure the destruction of the cor. therefore at

40.40 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for witness cor. to the 1/4 sec. cor. marked out base Cap. T 25 N. T 18 E S 16 on N. half, S 21 on S. half. and W. C 1/4 in E. half

Raise a mound of stone 2 ft. base, 1 1/2 ft. high. No. of cor. Pits impracticable.

42.45 The same sand wash. Course S.W. ase.

45.00 Prof. of ridge 20 ft. above Cor. base N.E. and S.W. desc.

79.78 The cor. of secs. 16, 17, 20 and 21, hereinbefore described.

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Land hilly.
Soil sandy 3rd rate
No timber

N⁰03'W. beh. sec. 16 and 17.

Descend N.W. slope over hilly sandy land through scattering sage and greasewood, brush undergrowth and bunch grass

4.75 Dry ravine 30 lbs. wide course W. asc

17.50 Top of ridge bears E and W. desc gradually.

32.00 Dry ravine 10 lbs. wide 3 ft deep course W. asc.

39.00 Top of ridge bears E and W. desc.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S. 17 on W. half and S 16 on E half.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable

52.30 Dry sand wash 35 lbs. wide 10 ft. deep. course W. asc

61.00 Top of sand ridge, bears E and W. desc.

80.00 Set an iron post 3 ft. long 2 in. in diam 24 in. in the ground for cor. of sec. 8, 9, 16 and 17. marked on brass cap T 26 N. 38 in N.W. T 18 E 39 in N.E. 3 16 in S.E. and S 17 in S.W. quadrants.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable

Land hilly.

Soil sandy 3rd rate.

No timber

S 89° 42' E on a random line beh. sec. 9 and 16.

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

80.02 Intersect N and S. line 5 lbs. N. of the cor. of sec. 9, 10, 15 and 16, ^{hereinbefore described} three 3 run

N 89° 40' W. on a true line beh. sec. 9 and 16.

Descend abrupt rocky W. slope of Malapai Butte over mountainous land through scattering sage brush and bunch grass.

8.36 Lava ledge 20 ft. high bears N and S.

14.60 Dry ravine course S.W. asc.

17.00 Top of stony ridge bears N.E. and S.W. desc.

Subdivision of Twp 25 N. R 18 E.

Chain

- 40.01 Set an iron post 3 ft. long 1 in. in diam. 2 1/2 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 9 on N. half and S 16 on S. half. Raise a mound of stone 2 ft. base 1 1/2 ft. high. No of cor. Pits impracticable.
- 51.40 Foot of steep descent in dry sand wash. 30 lbs. wide 4 ft. deep course N.W. Near mountainous land bears N.E. and S.W., Enter low rolling sand hills bears N.E. and S.W.
- 80.02 The cor. of secs. 8, 9, 16 and 17, hereinbefore described. Land hilly and mountainous. Soil sandy and stony 3rd and 4th rate, No timber

NOTE

Clouds obscure the sun at noon today rendering an observation for latitude impossible

April 18th 1910.

April 22nd 1910. At 8^h 00^m a.m. ^{com t.} set off 35° 34' 7" on the lat. arc 12° 03 1/2' 71. on the decl. arc and determine a meridian with the solar at the cor. of secs 8, 9, 16 and 17 ^{hereinbefore described} thence I run N 10° 03' W. bet. secs, 8 and 9.

Descent N.W. slope over low rolling sand hills, through scattering sage and greasewood brush undergrowth and bunchgrass

- 18.00 Dry sand wash 20 lbs wide course N.W. asc.
- 22.00 Top of sand ridge 10 ft. above sand wash. bears N.W. and S.E. desc.
- 27.00 Dry sand wash 10 lbs wide course W. asc.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 2 1/2 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 8 on W half and S 9 on E half. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable.
- 60.15 Dry sand wash 25 lbs, wide 2 ft. deep course N 40° W
- 67.00 Foot of descent, Near hilly land bears N.E. and S.W. Enter level land bears N.E. and S.W.
- 78.00 Leave undergrowth bears E and W. Enter cultivated land. bears E 10 ch. and W. 2 ch. dist.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 2 1/2 ins in the ground for cor. of secs. 4, 5, 8, and 9 marked on brass cap T 25 N. S 5 in N.W., N 18 E S 4 in N.E., S 9 in S.E. and S 8 in S.W. quadrants. Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and

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raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
 Land level and hilly.
 Soil sandy 3rd rate.
 No timber

S 89° 40' E on a random line bet. sees 4 and 9,
 40.00 Set temp ¼ sec. cor.
 79.86 Intersect N and S. line at the cor. of sees. 3, 4, 9
 hereinbefore described
 and 10, ^{thence} drum

N 89° 40' W. on a true line bet. sees. 4 and 9,

Descend the slope over low rolling sand hills. through
 scattering sage and greasewood brush undergrowth
 and bunch grass.

- 2.20 Dry runnel 20 ft. below cor. Course No. one.
 5.00 N.W. of sand ridge bears N and S. desc.
 28.50 Dry runnel Course No. one.
 39.93 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor. marked on base of ¼ 3 4
 on N. half and 39 on S. half.
 Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dia. and
 raise a mound of earth 3½ ft. base, 1½ ft. high.
 N. of cor.
 41.00 N.W. of stony ridge bears N and S. desc.
 43.40 Dry runnel 10 lbs. wide 3 ft. deep course N..
 56.00 Leads hilly land bears N.E. and S.W. Enter level
 sandy land bears N.E. and S.W.
 70.00 Leads undergrowth bears N.E. and S.W. Enter
 cultivated land bears N.E. and S.W.
 79.86 The cor. of sees. 4, 5, 8 and 9, hereinbefore described.
 Land level and hilly.
 Soil sandy 2nd and 3rd rate.
 No timber

N 0° 03' W bet. sees 4 and 5.

Over level sandy land. in cultivated field.

- 1.75 Leads cultivated land bears E. 5 chs and W.
 5 chs. dia. Enter sage and greasewood
 brush undergrowth.
 40.00 Set an iron post 3 ft. long, 1 in. in diam
 26 ins. in the ground for ¼ sec. cor. marked

Subdivision of Twp 25 N. R 18 E.

Chain

on brass cap $\frac{1}{4}$ S 5 on W. half and S 4 on E half.
Dig pits 18 x 18 x 12 ins nail S. of post 3 ft. dist and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high.

W. of cor.
40.50 Rare level land bears E and W., Enter lully
land bears E and W. are. gradually over S. slope
74.00 Dry ravine 10 lbs. wide 3 ft. deep course SW
77.50 The same ravine course SE.

80.38 Intersect the N. E. cor. of Twp. 7, 57 Ch. West of the
Cor. of ^{recently estab. by me & described in Exterior Book "A"} sec. 4, 5, 32. and 33, ¹ Set an iron post 3 ft.
long, 2 ins in diam, 24 ins. in the ground
for Closing Cor. of sec. 4 and 5 marked
on brass cap CC. T 26 N. R 18 E S 32 S 33 in N.
half, S 4 in S.E. and S 5 in S.W. quadrant,
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ high S. of cor
Pits impracticable

I change the Cor. of sec. 4, 5, 32 and 33 from a
cor. common to four sec. to a corner common to
two sec. for the N. on the north.

Land level and rolling.
Soil sandy and stony 3rd and 4th rate.
No timber

NOTE At the $\frac{1}{4}$ sec. cor. bet. sec. 4 and 5, ^{described above} S. 12° 06' N.
on the decl. arc and at noon observe the sun
on the meridian and obtain on the lat. arc a
reading of 35° 35' 1/2' N.

April 22nd 1910

April 15th 1910 At 8^h 30^m a.m. ^{l.m.f.} S. 35° 30' 1/2' N.
on the lat. arc 9° 37' N. on the decl. arc and determine
a meridian with the solar at the Standard Cor.
of sec 31 and 32 on ^{recently re-estab. by me & described in Standard Book "F"} S. E. cor. of Twp. Three Twp.
N 0° 03' W. bet. sec 31 and 32.

Descent N.W. slope over rolling sandy land through scattering
sage and greasewood brush undergrowth and bunch
grass.

3 0.00 Hook of descent, bears rolling land bears E and W.
Enter level land bears E and W.
30.30 Pack trail bears N 70° W and S 70° E.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
4 S 31 on W. half and S 32 on E half.

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Dig pits 15 x 15 x 12 ins. N and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

56.00 Level land bears E and W. Enter low rolling sand hills. bears E and W. ascend S slope

74.60 Top of ascent, level hilly land bears E and W. Enter rolling land bears E and W.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked on brass cap T 25 N S 30 in N.W. T 18 E S 29 in N.E. S 32 in S.E. and S 31 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor

Land level rolling and hilly.

Soil sandy 3rd rate,

No timber

N 89° 53' E on a random line bet. secs. 29 and 32. 40.00 Set temp 1/4 sec. cor.

80.02 Intersect N and S line 8 lks N. of the cor. of secs 28, 29, 32. and 33, ^{hereinbefore described} Thence S line

N 89° 50' W. on a true line bet. secs 29 and 32.

Ascend S.W. slope over rolling sandy land, through scattering sage and greasewood bush undergrowth and bunch grass

40.01 Set an iron post, 3 ft. long, 1 1/2 ins. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 29 on N. half and S 32 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post, 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

80.02 The cor. of secs. 29, 30, 31 and 32, hereinbefore described. Land rolling.

Soil sandy 3rd rate.

No timber

N 89° 53' W. on a random line bet. secs. 30 and 31 40.00 Set temp. 1/4 sec. cor.

79.88 Intersect W. ldy. of 9/16. 5 lks S. of the cor. of secs 25, 30, 31 and 36 ^{recently re-estab. by me & described in Exterior Book "H"} Thence S line.

Chains

S 89° 51' E on a true line bet. sec. 20 and 31
 Ascend S.W. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass

39.88 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$
 S 30 on N half. and S 31 on S half.

NOTE Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. dist. and raise
 a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. No. of cor.
 At this cor. D. set off 9° 40' N. on the decl. arc. and
 at noon observe the sun on the overcloud, the
 resulting lat. being 35° 31 $\frac{1}{2}$ ' N.

79.88 The Cor. of sec. 29, 30, 31 and 32, hereinbefore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

April 20th 1910 At 7^h 00 m a.m. ^{lmt.} D. set off 35° 31 $\frac{1}{2}$ '
 N. on the lat. arc 11° 22' N. on the decl. arc. and
 determine a meridian with the solar at the cor. of
 sec. 29, 30, 31 and 32 ^{hereinbefore described} thence D run
 N 0° 03' W. bet. sec. 29 and 30.

Over rolling sandy land through scattering sage
 and greasewood brush undergrowth and bunch grass

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 30
 on W. half and S 29 on E half.

Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dist
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high.
 W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of sec. 19, 20, 29, and 30 marked
 on brass cap. T 25 96. S 19 in N.W. T 18 E S 20 in N.E.
 S 29 in S.E. and S 30 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and
 raise a mound of earth 4 ft. base, 2 ft. high W. of
 cor.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

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40.00 S $89^{\circ}50' E$ on a random line bet. sec. 20 and 29,
 80.04 Intersect N and S. line 2 lks S. of the cor. of sec. 20.
 21, 28, and 29, ^{hereinbefore described} Thence S run.

40.02 S $89^{\circ}51' W$. on a true line bet. sec. 20 and 29,
 Descend N. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.
 40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 20
 on N. half and S 29, on S. half.
 Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist. and
 raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. N. of
 cor.

80.04 The cor. of sec. 19, 20, 29 and 30, hereinbefore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

40.00 S $89^{\circ}51' W$. on a random line bet. sec. 19 and 30
 79.80 Intersect W. Side, of Np. at the cor. of sec. 19, 24.
 25 and 30, ^{recently re-established by me, & described in Exterior Book "H"} Thence S run

39.80 S $89^{\circ}51' E$ on a true line bet. sec. 19 and 30
 Ascend gradually over N.W. slope, through scattering
 Sage and greasewood brush, undergrowth and
 bunch grass
 39.80 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S
 19 on N. half, and S 30 on S. half.
 Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist.
 and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high.
 N. of cor.

NOTE On this cor. I set off $11^{\circ}25\frac{1}{2}'$ N on the decl. arc and
 at noon observe the sun on the meridian and obtain
 on the lat. arc a reading of $35^{\circ}32'16$.

79.80 The cor. of sec. 19, 20, 29 and 30, hereinbefore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

Subdivision of Twp 25 N., R 18 E.

Chain

N 70° 03' W. bet. sec. 19 and 20.

40.00 One rolling sandy land through scattering sage and greasewood bush undergrowth and bunch grass. Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 319 on W. half and 320 on E. half.

Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. diam. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.

40.25 Dry in gradual descent over N.W. slope.

67.58 Dry sand wash. 40 lbs. wide 2 ft. deep course N.W. are.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 17, 18, 19 and 20, marked on brass cap T 25 N S 18 in N.W., T 18 E S 17 in N.E., S 20 in S.E. and 319 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins in each sec. 5 1/2 ft. diam and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

This cor is situated on top of ridge from N.W. and S.E.

Land rolling.
Soil sandy, 3rd rate.
No timber

S 89° 51' E on a random line bet. sec. 17 and 20.

40.00 Set temp 1/4 sec.

80.06 Intersect N and S. line 3 lks. S. of cor. of sec. 16, 17, 20 and 21 N. Thence 2 1/2 m.

N 79° 52' W. on a true line bet. sec. 17 and 20.

Descend W. slope over rolling sandy land through scattering sage and greasewood bush undergrowth and bunch grass.

40.03 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 347 on N. half, and 320 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. diam and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

80.06 The cor. of sec. 17, 18, 19 and 20, hereinbefore described.

Land rolling.
Soil sandy, 3rd rate.
No timber

April 20th 1910

BOOK 2584

- April 21st 1910 at 8^h 00^m a.m. ^{l.m.t.} Set off 35°
 53' N. on the lat. arc 11° 43' N. on the decl. arc.
 and determine a meridian with the solar on
 the cor. of sec. 17, 18, 19 and 20, ^{hereinbefore described} Thence run
 N 89° 51' W. on a random line bet. sec. 18 and 19.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.76 Intersect W. l. by. of Twp. at the cor. of sec. 13, 18.
 recently re-estab. by map & described in Exterior Book "H"
 19 and 24. Thence run
 S 89° 51' E on a true line bet. sec. 18 and 19
 Ascend W. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.
- 39.76 Set an iron post 3 ft. long 1 in. in diam. 26 ins.
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass
 cap $\frac{1}{4}$ S 18 on N. half and S 19 on S. half.
 Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dia.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
 high W. of cor.
- 71.00 Prof. of sand ridge bears N.W. and S.E. desc.
- 76.76 Dry sand wash 50 lbs. wide 2 ft. deep course N.W.
 ascend gently
- 79.76 The cor. of sec. 17, 18, 19 and 20, hereinbefore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber
-
- N 0° 03' W. bet. sec. 17 and 18.
 Descend N.W. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 18 on W.
 half and S 17 on E. half.
 Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dia.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft.
 high W. of cor.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins.
 in the ground for cor. of sec. 7, 8, 17 and 18, marked
 on brass cap T 25 N 37 in N.W. T 18 E 38 in N.E. S 17
 in S.E. and S 18 in S.W. quadrants.
 Dig pits 18 x 18 x 12 ins in each sec. 5 $\frac{1}{2}$ ft. dia.

and raise a mound of earth 4 ft. base, 2 ft. high.
 W. of cor.
 Land rolling
 Soil sandy 3rd rate.
 No timber

NOTE

Apr. 21st 1910 At the cor. of sec. 7, 8, 17 and 18, ^{described above} I set off
 N 46° 16' on the declare and at noon observed
 the sun on the meridian and obtained on the
 heliarc a reading of 35° 34' N.

40.00 S 89° 52' E on a random line bet. sec. 8 and 17.
 Set temp 1/4 sec. cor.
 80.08 Intersect N and S line 5 lks. N of the cor. of
 sec. 8, 9, 16 and 17, ^{hereinbefore described} Thence S run.
 N 89° 50' W. on a true line bet. sec. 8 and 17
 Descend W. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26 in. in
 the ground for 1/4 sec. cor. marked out brass cap 1/4 S
 8 on N. half and S 17 on S. half.
 Dig pits 18 x 18 x 12 in. East W. of post. 3 ft. dist. and
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
 80.08 The cor. of sec. 7, 8, 17 and 18, hereinbefore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

40.00 N 89° 51' W. on a random line bet. sec. 7 and 18
 Set temp 1/4 sec. cor.
 79.68 Intersect W. body of N. S. line 3 lks. S. of the cor. of sec.
 7, 12, 13 and 18, ^{recently re-estab. by me & described in Exterior Book "H"} Thence S run.
 S 89° 50' E on a true line bet. sec. 7 and 18.
 Over level sandy land through scattering sage and
 greasewood brush undergrowth and bunch grass.
 39.68 Set an iron post 3 ft. long 1 in. in diam. 26 in. in
 the ground for 1/4 sec. cor. marked out brass cap 1/4
 S 7 on N. half and S 18 on S. half.
 Dig pits 18 x 18 x 12 in. East W. of post. 3 ft. dist.
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

BOOK 2584

72.00 Leave level land bears N₈ and S_W. Enter rolling land bears N₈ and S_W. ascend gradually over N_W slope

79.68 The cor. of secs. 7, 8, 17 and 18, hereinbefore described. Land level and rolling. Soil sandy 2nd and 3rd rate. No timber

April 21st 1910.

April 23rd 1910 at 8^h 00^m a.m. ^{l. mt.} Dep. off. 35° 34' N. on the lat. arc. 12° 23½' N. on the decl. arc and determine a meridian with the solar on the cor. of secs. 7, 8, 17 and 18, ^{hereinbefore described} then set down N 0° 03' W. bet. secs. 7 and 8.

Descend N_W slope over rolling sandy land through scattering sage and quincewood bush undergrowth and bunch grass

50.00 Foot of gradual descent, leave rolling land bears N₈ and S_W. Enter level land bears N₈ and S_W.

40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for ¼ sec. cor. marked on bears Cap ¼ 37 on W half and 38 on E half. Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. diam. and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.

42.00 Leave level land bears N₈ and S_W. Enter rolling land bears N₈ and S_W. ascend gradually over S_E slope

80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on bears Cap T 25 N S 6 in N_W, N 18 E S 5 in N_E, 38 in S_E and 37 in S_W quadrant.

Dig pits 18 x 18 x 12 ins. in each sec 5½ ft. diam. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land level and rolling. Soil sandy 3rd rate. No timber

40.00 S 89° 50' E on a random line bet. secs. 5 and 8. Set temp ¼ sec. cor.

Chains

80.08 Intersect N and S. line 3 lks. S. of the cor. of sec. 4, 5, 8 and 9^{hereinbefore described} Thence S run. N 89° 51' W. on a true line bet. sec. 5 and 8. Over level cultivated land.

2.00 Leave cultivated land bears N and S. Enter sage brush undergrowth and bunch grass.

40.04 Set an iron post 3 ft long 1 in. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 3 5 on N. half and 3 8 on S. half. Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.

80.08 No. of cor. The cor. of sec. 5, 6, 7, and 8, hereinbefore described. Land level and rolling. Soil sandy 2nd and 3rd rate. No timber

40.00 N 89° 50' W. on a random line bet. sec 6 and 7. Set temp 1/4 sec. cor.

79.64 Intersect W. l. line of Twp. at the cor. of sec. 1, 6, 7 and 12^{recently re-estab. by 7/11 & described in Exterior Book "H"} Thence S run

389° 50' E on a true line, bet. sec. 6 and 7, Over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

39.64 Set an iron post, 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 3 6 on N. half and 3 7 on S. half. Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. No. of cor.

NOTE At this cor. I set off 12° 26 1/2' N. on the decl. arc. and at noon observed the sun on the meridian and obtained on the lab. are a reading of 35° 35' N.

79.64 The cor. of sec. 5, 6, 7 and 8, hereinbefore described. Land rolling. Soil sandy 3rd rate. No timber

N 80° 03' W. bet. sec. 5 and 6.

BOOK 2584

- Around S.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{2}$ sec. cor. marked on brass cap $\frac{1}{4}$ 36 on W. half and 35 on E. half.
Dig pits 18x18x12 in. N. and S. of post 3 ft. dia. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 80.22 Intersect N. l. l. of Twp. 7, 68 Ch. West of the cor. of sec. 5, 6, 31, and 32, ^{recently estab. by map & described in Exterior Book "A"} Set an iron post 3 ft. long 2. in. in diam 24 in. in the ground for closing cor. of sec. 5 and 6, marked on brass cap O.C. T 26 T 6 R 18 E. S 31. S 32. in N. half. S 5 in S E and S 6 in S W. quadrants.
Dig pits 24x18x12 in. crosswise on each line E and W 3 ft. and S of post 7 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.
I change the cor. of sec. 5, 6, 31 and 32. from a cor. common to four sec. to a cor. common to two sec. for the Twp on the North.
Land rolling.
Soil sandy 3rd rate.
No timber.

April 23rd 1910

General Description.

This township contains every variety of land from level to mountainous, and the soil ranges from loose stone on the Malapi Butte in sec. 15 to sandy loam. The soil of the valley land in the northern part of the township is a rich sandy loam producing good crops of corn with the overflow water from the Jette to Wash., which spreads out over the valley land in this township. The soil of the remaining portion of the township is nearly all 3rd and 4th rate, is covered with a good growth of bunch grass, which furnishes excellent pasture for stock. In sec. 15, 23, 24 and 25 are a number of rugged Malapi Buttes, rising to an elevation of 65 to 70 ft. Scattering Cedar timber is found on the ridges which lead down from these buttes, the trees

however being too small to be of any value except for firewood.

The township is watered by several springs the largest of which is the Comar or Kibito Spring in Sec. 33. This spring flows a steady stream during the entire year and is the watering place for several thousand head of sheep and horses that range in this vicinity.

No mineral of any kind was found in the township.

There are several Navajo families living in Sec. 3, 11, 13, 25, 32 and 33.

April 23rd 1910.

Sidney E. Blount

U.S. Examiner of Surveys

Subdivision of N^o 2576. P 18E.

BOOK 2584

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U.S. EXAMINER OF SURVEYS
FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Bloch
Examiner of Surveys
United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of the Subdivision
lines of Twp. 25 N. 11 E. of the Gila and Salt River base and Meridian in the Territory of Arizona
showing the respective capacities in which they acted:

- Fred L. Warner Van L. White Composeman. Chainman.
- P. H. White Chainman.
- Ralph C. Sampson Moundman.
- ~~Moundman~~
- Chas L. Shumway Axman.
- ~~Axman~~
- William B. Carson Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Bloch
Examiner of Surveys
United States Deputy Surveyor, in surveying all

those parts or portions of the Subdivision lines of Twp. 25 N. Range 11 E.
18 East.

of the Gila and
Salt River Base and Meridian, Territory of Arizona, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully ^{executed} surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor

General for of the General Land Office Van L. White Composeman

- Fred L. Warner Chainman.
- P. H. White Chainman.
- Ralph C. Sampson Moundman.
- ~~Moundman~~
- Chas L. Shumway Axman.
- ~~Axman~~
- William B. Carson Flagman.

Subscribed and sworn to before me this 28th
day of July 1910, 190



Sidney E. Bloch
U.S. Examiner of Surveys

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, Examiner of Surveys, United States Deputy Surveyor, do solemnly swear that, in pursuance of Special Instructions received from the Commissioner of the General Land Office, bearing date of the 2nd day of Oct 1907 and the 15 day of May 1908, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Commissioner General for of the General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The Subdivisional lines of Twp. No 25 N., Range No. 18 East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Commissioner General for of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

See Subdivisional Book "I"

United States Deputy Surveyor
Examiner of Surveys

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25 1914

The foregoing field notes of the survey of the
Subdivision lines of
Township 25 North, Range 18 East of the
Gila and Salt River Base and Meridian, Arizona

executed by Sidney E. Blout, U.S. Examiner of Surveys under Special Instructions from the Commissioner of the General Land Office his contract No. _____, dated Oct. 2, 1907 and May 15, 1908, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General
SURVEYOR GENERAL OF ARIZONA

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General