

Subdivisional
BOOK " I "

2587

BOOK 2587

FIELD NOTES

OF THE SURVEY OF THE

Subdivisional lines of Twp. No. 25 70. of Range

No. 15 East

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blunt

, United States

Examined by Surveyor
Deputy Surveyor

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

Survey commenced February 23rd

1910 190

Survey completed March 5th

1910 190

NAMES AND DUTIES OF ASSISTANTS.

Van L. White

Compassman

Fred L. Warner

Chairman

D. G. White

Chairman

Earl Albright

Chairman

Ralph Sampson

Woundman

Chas L. Shumway

Woundman

William R. Carson

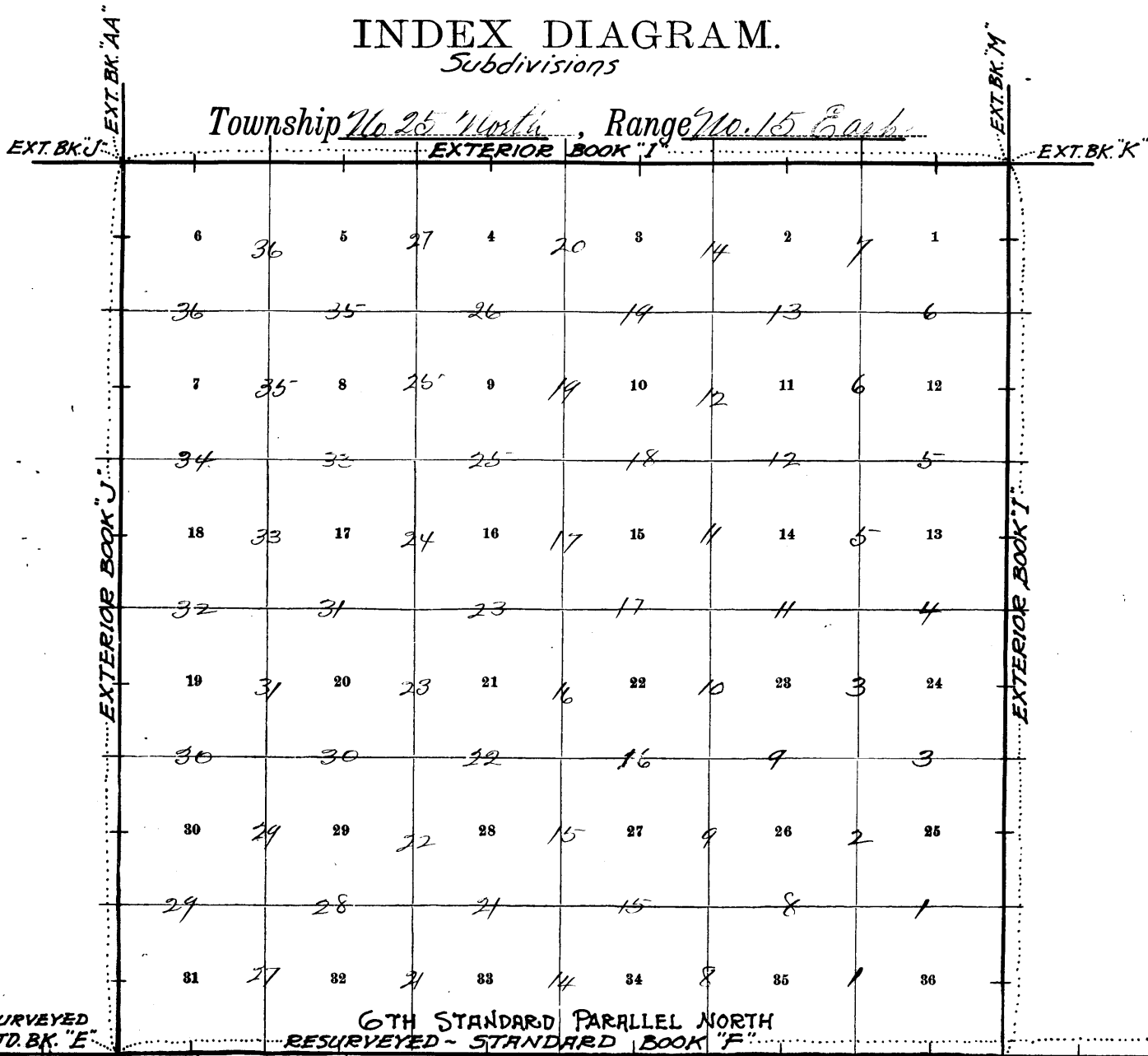
Magician

BOOK 2587

Book No. 2587

INDEX DIAGRAM.
Subdivisions

Township No. 25 North, Range No. 15 East



SURVEYED
STD. BK. "E"

ORIGINAL NOTES BOOK 1245

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PRELIMINARY OATHS OF ASSISTANTS.

See Subdivisional Book "Y"

WE, _____ and _____ 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 _____

_____, Chainman.

_____, Chainman.

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



WE, _____ and _____ do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.

_____, Moundman.

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



WE, _____ and _____ do solemnly swear that we will well and truly perform the duties of axmen 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 _____

_____, Axman.

_____, Axman.

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



I, _____, 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 _____

_____, Flagman.

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



Survey commenced February 23rd 1910 and executed with a W^{est} L. C. Gurley engineers transit no. 76. with a Burt 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' 30" of arc.,

Examine the adjustments of the transit and find them to be as nearly perfect as I can make them, and know from recent tests of the solar apparatus, by comparing its indications resulting from solar observations made on the sun during a.m. and p.m. hours, with a meridian established by observations on Polaris, that the instrument is in satisfactory adjustment, therefore I begin at the

Standard. Cor. of. sec. 35 and 36, on the S. bdy. of T 25 76. R 15 E., which I re-established Feb. 22. 1910, ^{and described in Standard Book "F"} latitude 35° 30' 35" N., Longitude 110° 42' W. At 8^h 15^m a.m. ^{l.m.t.} I set off 35° 30' 1/2" N. on the lat. arc 9° 58' S. on the decl. arc, and determined a meridian with the solar at this cor. Thence I run

N 0° 01' E. bet. sec. 35 and 36.

Over level adobe bottom land, through scattering greasewood brush undergrowth.

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 78. 35 on W. half and S 36 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 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 sec. 25, 26, 35 and 36. marked on brass cap T 25 76. S 26 in N.W., R 15 E. S 25 in N.E. S 36 in S.E. and S 35 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.

Soil adobe and sandy 2nd and 3rd rate.

No timber.

S 89° 59' E. on a random line bet. sec. 25 and 36.

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- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.20 Intersect. E. ldy. of Twp. at the cor. of sec. 25, 30
 31 and 36, ^{estab. by the info described in Exterior Book "I"}
^{three} $\frac{1}{4}$ sec. runs.
 N $89^{\circ}59'W$. on a true line bet. sec. 25 and 36.
 Descend N.W. slope over gently rolling sandy land through
 scattering sage and greasewood brush undergrowth and
 bunch grass.
- 40.10 Set low iron post. $3\frac{1}{2}$ 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 25
 on N. half. and S 36. on S. half.
 Dig pits $18 \times 18 \times 12$ in. E. and W. of post. $3\frac{1}{2}$ ft. dia. and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W.
 of cor.
- 55.00 Proof of gradual descent, level rolling land bears
 N.E. and S.W., Enter level adobe bottom land bears
 N.E. and S.W.
- 80.20 The Cor. of sec. 25, 26, 35 and 36, heretofore described.
 Land level and rolling.
 Soil sandy and adobe 2nd and 3rd rate.
 No timber.
-
- N $0^{\circ}01'E$ bet. sec. 25 and 26.
 On level sandy and adobe bottom land. through
 scattering sage and greasewood brush undergrowth.
- 40.00 Set an iron post $3\frac{1}{2}$ 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 26 on W. half and S 25 on E. half.
 Dig pits $18 \times 18 \times 12$ in. N. and S. of post $3\frac{1}{2}$ ft. dia. and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high.
 W. of cor.
- 75.95 Intersect left bank of the Placea Wash. 10 ft.
 high. bears N.E. and S.W.
- 76.50 Center of dry bed of wash. Course S.W.
- 77.20 Right bank of the Placea Wash. bears N.E. and
 S.W., thence over level land.
- 80.00 Set an iron post $3\frac{1}{2}$ ft. long. 2 in. in diam. 24 in. in
 the ground for cor. of sec. 23, 24, 25 and 26., marked
 on brass cap T 25 N. S 23 in N.W. N 15 E S 24 in N.E.
 S 25 in S.E. and S 26 in S.W. quadrants.
 Dig pits $18 \times 18 \times 12$ in. 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 level.

Soil sandy and adobe. 2nd and 3rd rate.

No timber.

NOTE

At this cor. \angle reb. off $9^{\circ}56' S.$ on the decl. arc and at noon observe the sun on the meridian and obtain on the lab. arc a reading of $35^{\circ}32' N.$

$S89^{\circ}59' E.$ on a random line bet. sec. 24 and 25-

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

80.16 Intersect E. ldy. of Twp. at the cor. of sec. 19, 24, 25-
estab. by map and described in Exhibit Book "I"
and 30. *Three Trees*

$N89^{\circ}59' W.$ on a true line bet. sec. 24 and 25-

Descend gradually $N.W.$ slope, through scattering sage and greasewood bush undergrowth and bunch grass.

36.00 Foot of gradual descent, leave rolling land bear $N.E.$ and $S.W.$. Enter level adobe bottom land bear $N.E.$ and $S.W.$

40.08 Set an iron post 3 ft. long in a draw 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $S24$ on $N.$ half and $S25$ on $S.$ half.

Dig pits $18 \times 18 \times 12$ 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. $N.$ of cor.

76.55 Intersect left bank of the Polacca Wash. 10 ft. high bear $N.E.$ and $S.W.$

77.00 Center of dry bed of wash. Course $S.W.$

77.60 Right bank of the Polacca Wash. 10 ft. high. Bear $N.E.$ and $S.W.$, thence over level land.

80.16 The cor. of sec. 23, 24, 25 and 26, hereinbefore described

Land level and rolling.
Soil sandy and adobe 2nd and 3rd rate.
No timber.

$N0^{\circ}01' E$ bet. sec. 23 and 24,

Over level adobe and sandy land through scattering sage and greasewood bush undergrowth and bunch grass.

5.05 Road from Winslow Arizona to Polacca Ariz. bear $N.E.$ and $S.W.$

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34.00 Level sandy and adobe bottom land bears N.E. and S.W., ascend gradually S.E. slope over rolling 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 cap. $\frac{1}{4}$ S. 23 on W. half and S 24 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.

80.00 Set an iron post 3 ft. long, 2 in. in diam, 24 ins. in the ground for cor. of sec. 13, 14, 23 and 24 marked on brass cap. T 25 N, S 14 in N.W. T 15 E. S 13 in N.E. S 24 in S.E. and S 23 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 level and rolling.
Soil sandy and adobe 2nd and 3rd rate.
No timber.

S 89° 59' E. on a random line bet. sec. 13 and 24.

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

80.18 Intersect E. line of Twp. 3 lks. S. of the cor. of sec. 13, 18, 19 and 24, ^{established by me and described in Exterior Book "I"} hence run
Mark on a true line bet. sec. 13 and 24.
Over level sandy and adobe bottom land through scattering sage and greasewood brush.

12.35 Intersect left bank of the Placeca Wash. 15 ft. high. bears N.E. and S.W.

15.35 Center of dry bed of wash. Course S.W.

18.95 Right bank of the Placeca Wash. bears N.E. and S.W.

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

40.09 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 13 on N. half. and S 24 on S. half.
Dig pits 18x18x12 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.

59.00 Level sandy adobe land bears N.E. and S.W., enter rolling sandy land bears N.E. and S.W. ascend gradually over S.E. slope

80.18 The cor. of sec. 13, 14, 23, and 24, heretofore described.

Land level and rolling.
Soil sandy and adobe 2nd and 3rd rate.
No timber.

February 23rd 1910

February 26th 1910
Ch. 8^h 30^m a.m. ^{1.m.t.} reb off. 35° 33' 76. on
the lat. arc. 8° 50' 3/4 S. on the decl. arc and determine
a meridian with the solar at the cor. of secs. 13, 14,
23 and 24 ^{heretofore described} thence I run

W 0° 01' E. beh. sec. 13 and 14

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

7.50 Begin steep ascent.

15.00 Top of steep ascent. thence over rolling land.

40.00 Set an iron post. 3/4 ft. long 1 in. in diam. 26 ins.
in the ground for 1/4 sec. cor. marked on brass
cap 7 25 T₆. S 14 on W. half and S 13 on E. half.
Dig pits 18 x 18 x 12 ins. N and S. of post. 3/4 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. 3/4 ft. long, 2 ins. in diam. 24 ins. in
the ground for. cor. of secs 11, 12, 13 and 14, marked
on brass cap T 25 T₆. S 11 in N.W. R 15 E. S 12 in N.E.
S 13 in S.E. and S 14 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.

40.00 Cash on a random line beh. sec. 12 and 13,
Set temp 1/4 sec. cor.

80.08 Intersect E. ldy. of T₄. at the cor. of secs. 7, 12, 13
and 18 ^{restak by the grid described in Exterior Book "I"} thence I run

West. on a true line beh. sec 12 and 13.

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

40.04 Set an iron post. 3/4 ft. long 1 in. in diam. 26 ins in

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- the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 12 on n. half and S 13 on S. half.
Dig pits 18x18x12 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. W. of cor.
- 80.08 The cor. of secs. 11, 12, 13 and 14, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber.
- S 10° 01' W. bet. secs 11 and 12.
Ascend gradually S.E. slope over rolling sandy land through scattering sage and greasewood bush. undergrowth and bunchgrass.
- 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 11 on W. half and S 12 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.
- 47.00 Top of sand ridge bears. E and W. desc. gradually over N. slope.
- 74.50 Foot of descent in circular depression. asc.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12 marked on brass cap. T₂₅N S 2 in N.W. R₁₅E S 1 in N.E. S 12 in S.E. and S 11 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 and hilly.
Soil sandy 3rd rate.
No timber.
- NOTE At this cor. I set off 8° 49' S. on the decl. arc and at noon observe the sun on the meridian, and obtain on the lat. arc a reading of 35° 35' 76.
- Each on a random line bet. secs. 1 and 12.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.02 Intersect E. ldy. of T₂₅N S 12. N. of the cor. of secs. 1, 6, 7, and 12, ^{as estab. by first and described in Exterior Book "I"} thence I run

chains

7

N 89° 58' W, on a true line bet. secs. 1 and 12.

Ascend $\frac{3}{4}$ E. slope over hilly sandy and stony land through scattering sage and greasewood bush undergrowth and bunch grass.

- 3.60 Begin steep ascent over stony land bears N.E. and S.W.
- 6.50 Top of steep ascent. ascend gradually over sandy land.
- 40.01 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 1 on N. half and S 12 on S. half.
Dig pits 18x18x12 in. 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 N. of cor.
- 80.02 The cor. of secs. 1, 2, 11 and 12, heretofore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber.

N 0° 01' E on a random line bet. secs. 1 and 2.

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

80.10 Intersect N. ldy. of Twp. 3 lko. S 89° 54' E. the cor. of secs. 1, 2, 35, and 36, ^{established by me and described in Exterior Book "I"} ~~run~~ ^{run}

South on a true line bet. secs. 1 and 2.

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

- 39.50 Top of sand ridge bears N.E. and S.W. desc.
- 40.10 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 2 on W. half and S 1 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.
- 80.10 The cor. of secs 1, 2, 11 and 12, heretofore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber.

February 26th 1910

February 24th 1910. Ab. 7^h 15^m a.m. ^{1. mt.} set off. $35^{\circ} 30\frac{1}{2}'$ N. on the Cal. arc, $9^{\circ} 35'$ S. on the decl. arc and determined a meridian with the solar at the Standard Cor. of sec.

Subdivision of T₁N 25 T₁₆ R 15 E.

chains

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recently re-estab. by me and described in Standard Book "F"
34 and 35 on S. side of T₁N 25 T₁₆ R 15 E. Thence Draw

N 0° 03' E. beh. recs. 34 and 35-

Over level sandy land through scattering sage and greasewood bush.

37.00 Leave level land bears N. 50° E and S 50° W., Enter rolling land, ascend gradually over S.E. 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 $\frac{1}{4}$ S 34 on W. half and S 35 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.

62.35 Old road bears N.E. and S.W.

80.00 Set an iron post. 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of recs. 26, 27, 34 and 35, marked on brass cap T 25 N. S 27 in N.W. T 15 E. S 26 in N.E. S 35 in S.E. and S 34 in S.W. quadrant.

Dig pits 18x18x12 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 level and rolling.

Soil sandy 2nd and 3rd rate.

No timber.

N 89° 54' E on a random line beh. recs. 26 and 35

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

80.24 Intersect N and S. line 3 lvs. No. of the cor. of recs. 25, 26, 35 and 36 ^{previously described} Thence Draw

S 89° 55' W, on a true line beh. recs. 26 and 35-

Over level sandy land through scattering sage and greasewood bush undergrowth.

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 26 on N. half and S. 35 on S. half.

Dig pits 18x18x12 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.

54.00 Intersect left bank of the Placea Wash. 8 ft. high. bears N 50° E and S 50° W.

54.45 Center of dry bed of wash. Course S.W.

54.95 Right bank of the Placea Wash. bears N 50° E and

S50°W. thence over level land.

70.00 Leave level land bears N50°E and S50°W., Enter rolling land bears N.E. and S.W. Ascend gradually over S.E. Slope.

80.24 The Cor. of sec. 26, 27, 34 and 35, herein before described Land level and rolling. Soil sandy 2nd and 3rd rate. No timber.

N0°03'E bet. sec. 26 and 27.

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

12.00 Road bears N55°E and S55°W., leads from Window Arizona to Placeo Arizona.

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 27 on W. half and S. 26 on E. half.

Dig pits 18x18x12 ins. N and S. of post. 3 ft. dish, 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. 22, 23, 26, and 27.

marked on brass cap T 25 N. S 22 in N.W., R 15 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. dish, 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. Drek off. 9°34'S. on the decl. arc and at noon observe the sun on the meridian and obtain on the lab. arc a reading of 35°32' N.

N 89°55'E on a random line bet. sec. 23 and 26

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

80.12 Intersect N and S. line at the cor. of sec. 23, 24, 25 and 26, ^{herein before described} thence run

S 89°55' W. on a true line bet. sec. 23 and 26.

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- Over level sandy and adobe bottom land. through scattering sage and greasewood brush undergrowth and bullock grass.
- 4.61 Road bears N. 40° E and S 40° W. leads from Winslow - Arizona, to Placea Arizona
- 20.00 Level level adobe land. bears N.E. and S.W., Enter rolling land bears N.E. and S.W., ascend gradually over S.E. slope.
- 40.06 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 N. half and S 26 on S. half.
Dig pits 18x18x12 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.
- 80.12 The cor. of Secs. 22, 23, 26 and 27, heretofore described.
Land level and rolling.
Soil sandy and adobe 2nd and 3rd rate.
No timber.

- N 0° 03' E. Feb. Secs. 22 and 23,
Ascend S.E. slope over rolling sandy land through scattering sage brush and bunch grass.
- 22.00 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 ins. 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 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.
- 44.38 Dry sand wash. 30 lbs. wide. 2 ft. deep Course 3.8.
- 80.00 Set an iron post. 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of Secs. 14, 15, 22, and 23, marked on brass cap N. 25 N. S 15 in N.W. N 15 E. S 14 in N.E., S 23 in S.E. and S 22 in S.W. quadrants.
Dig pits 18x18x12 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.

Subdivision of Twp 25 N. R 15 E.

Chains

- N 89° 55' E on a random line bet. sec. 14 and 23
40.00 Sec temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line at the cor. of sec. 13, 14,
23 and 24, ^{herebefore described} thence S run
- S 89° 55' W, on a true line bet. sec. 14 and 23,
Ascend S.E. slope over hilly sandy land, through
scattering sage brush undergrowth and brush grass
- 6.55 Top of sand ridge bears N and S. desc. steeply.
- 7.65 Dry ravine course S. asc. steeply.
- 11.00 Top of sand ridge bears N and E. desc.
- 22.20 Foot of descent in depression bears N.E. and S.W., drains
to the S.W. asc.
- 37.00 Top of sand ridge 25 ft. high. bears N.E. and S.W.
desc. N.W. slope.
- 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 out bears cap.
 $\frac{1}{4}$ S 14 on N. half and S 23 on S. half.
Dig pit 18 x 18 x 12 in. 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. 76 of cor.
- 46.60 Dry sand wash. 25 lbs. wide, 1 ft. deep course
S. asc
- 59.00 Top of sand ridge bears N and S. desc.
- 68.30 Dry ravine course S. asc. gradually.
- 80.08 The cor. of sec. 14, 15, 22 and 23, ^{herebefore} described.
Land hilly.
Soil sandy and adobe 3rd rate.
No timber

February 24th 1910

- February 28th Ah. 8^h 00^m a.m. ^{1. m. t} set off. 35° 33' N.
on the true arc 8° 06' S. on the decl. arc. and determine
a meridian with the solar at the cor. of sec. 14
15, 22, and 23, ^{herebefore described} thence S run
- N 0° 03' E. bet. sec. 14 and 15
- Ascend gradually, S.W. slope over low sand ridges
- 10.50 Top of sand ridge 40 ft. above cor. bears N 60° W
and S 60° E. desc.
- 17.00 Dry ravine course S.E. asc.
- 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 out bears cap.
 $\frac{1}{4}$ S 15 on W. half and S 14 on E. half.

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- Dig pits 18x18x12 ins n. and s. of post. 3 ft. dia. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
- 56.00 Top of sand ridge 40 ft. high. 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 secs. 10, 11, 14 and 15, marked on brass cap T₂₅N S₁₀ in N.W. T₁₅E. S₁₁ in N.E. S₁₄ in S.E. and S₁₅ in S.W. quadrants. Dig pits 18x18x12 ins. in each sec, 5½ ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
- Land hilly
Soil sandy 3rd rate.
No timber.
-
- N₈₉°55'E on a random line bet. secs. 11 and 14
- 40.00 Set temp. ¼ sec. cor.
- 80.02 Intersect N and S line 2 lks. S. of the cor. of secs. 11, 12, 13 and 14 ^{hereinbefore described} thence Drum
- S₈₉°54'W. on a true line bet. secs. 11 and 14
- Ascend S.E. slope over rolling sandy land, through scattering sage brush undergrowth and bunch grass.
- 3.00 Top of sand ridge 10 ft. high bears N.W. and S.E. desc
- 35.00 Post of descent in depression bears N.W. and S.E. drains to S.E. are gradually over N.E. slope.
- 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S₁₁ on N. half and S₁₄ on S. half.
- Dig pits 18x18x12 ins. E and W. of post, 3 ft. dia. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
- 80.02 The cor. of secs. 10, 11, 14 and 15, hereinbefore described.
- Land rolling.
Soil sandy 3rd rate.
No timber.

N₉₀°03'E bet. secs. 10 and 11.

Descend N. slope over rolling sandy land, through

Chain

- scattering sage and greasewood bush undergrowth and bunch grass.
- 3.00 Proof of descent in depression, bears E and W. drains to E. are.
- 29.50 Top of sand ridge bears N.E. 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 out brass cap. $\frac{1}{4}$ S 10 on W. half and S 11 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.
- 52.00 Proof of descent in depression bears N.W. and S.E. drains to the S.E. are. gently.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins in the ground for cor. of sec. 2, 3, 10, and 11, marked on brass cap. T 25 N. S. 3 in N.W. T. 15 E S 2 in N.E. S 11 in S.E. and S 10 in S.W. quadrant
Dig pits 18x18x12 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 and hilly.
Soil sandy 3rd rate.
No timber.
- NOTE At this cor. Obs. off 8° 08' S. on the decl. are. and at noon observe the sun on the meridian and obtain on the lat. arc a reading of 35° 35' 76.
- 40.00 N 89° 54' E. on a random line bet. sec. 2 and 11
Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N and S. line at the cor. of sec. 1, 2, 11 and 12, ^{heretofore described}
Thence Druml.
S 89° 54' W. on a true line bet. sec. 2 and 11
Over rolling sandy land. slopes to the S.E., through scattering sage brush undergrowth and bunch grass.
- 39.99 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 2 on N. half and S 11 on S. half.
Dig pits 18x18x12 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 N. of cor.
- 66.00 Top of sand ridge bears N.W. and S.E. desc.

Chain

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79.98 The cor. of secs. 2, 3, 10 and 11, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber.

40.00 No 08' E. on a random line bet. secs. 2 and 3.
Set temp. 4 sec. cor.

80.38 Intersect N. ldy. of Twp. 5 lks. ^{58° 54'} of the cor. of secs. 2, 3, 34 and 35, ^{estab. by map and described in Exterior Book "I"} thence I run 50° 1' W. on a true line bet. secs. 2 and 3.
Ascend N. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

40.38 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 4 sec. cor. marked on brass cap $\frac{1}{4}$ S. 30 W. half and S 2 N 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.

42.50 Top of sand ridge forming divide between the Oraibi Wash and the Palacca Wash. Head N 60° E and S 60° W. descend gently on S.E. slope.

80.38 The cor. of secs. 2, 3, 10 and 11, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber.

Feb. 25th 1910, Ab. 7^h 15^m a.m. ^{1 m.t.} set off 35° 30' 2" N. on the lab. arc. 9° 12' S. on the decl. arc. and determine a meridian with the solar at the standard cor. of secs. 33 and 34, on S. ldy. of Twp. 5 lks. ^{recently re-estab. by me and described in Standard Book "F"} thence I run

N 0 05' E. bet. secs. 33 and 34.

Ascend S.E. slope over rolling sandy land, through scattering sage brush 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. $\frac{1}{4}$ S 33 W half and S 34 W 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.

48.80 Road head N 50° E and S 50° W., leads from Winslow

Chain

Arizona to Pinaloa Arizona,
80.00 Set an iron post 3 ft. long 2 in. in diam. 24
in. in the ground for cor. of sec. 27, 28, 33 and 34
marked out brass cap. T 25 N. S 28 in N.W. R 15 E S 27
in N.E., S 34 in S.E. and S 33 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 2nd and 3rd rate.
No timber.

N 89° 58' E. on a random line bet. sec. 27 and 34
40.00 Set temp. 7 sec. cor.
80.30 Intersect N and S. line of sec. S. of the cor. of sec. 26
27, 34 and 35 ^{herebefore described} thence S run.

S 89° 55' W. on a true line bet. sec. 27 and 34
Ascend S.E. slope over rolling sandy land through
scattering sage-bush undergrowth and bunch
grass.

24.00 Road bears N 50° E and S 50° W., leads from Winslow
Arizona to Pinaloa Arizona.

40.15 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 27 on N. half and S 34 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.
No. of cor.

80.30 The cor. of sec. 27, 28, 33. and 34, herebefore described.
Land rolling.
Soil sandy 3rd rate.
No timber.

N 0° 05' E. bet. sec. 27 and 28.

Ascend gradually over S.E. slope, through scattering
sage-bush undergrowth and bunch grass.

40.00 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. 28 on W. half. and S 27 on E. half.
Dig pits 18x18x12 ins. N and S. of post 3 ft. dia.

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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. 21, 22, 27 and 28. marked on brass cap 725 N. S 21 in N.W. T 15 E S 22 in N.E. S 27 in S.E. and S 28 in S.W. quadrants. Dig pits 18x18x12 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

At this cor. D. reb. off. $9^{\circ} 11\frac{1}{4}'$ S. on the decl. arc. and as noon observe the sun on the meridian and obtain on the lat. arc a reading of $35^{\circ} 32' 46''$.

N $89^{\circ} 55' E$ on a random line bet. sec. 22 and 27.

40.00 Set temp. 4 sec. cor.

80.22 Intersect N and S. line 5 lks. N. of the cor. of sec. 22, 23, 26 and 27, ^{heretofore described} (thence) run

S $89^{\circ} 57' W$. on a true line bet. sec. 22 and 27.

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

40.11 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 S 22 on N. half and S 27 on S. half.

Dig pits 18x18x12 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.

80.22 The cor. of sec. 21, 22, 27 and 28, heretofore described.

Land rolling.

Soil sandy 3rd rate.

No timber.

N $0^{\circ} 05' E$. bet. sec. 21 and 22

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 4 sec. cor. marked on brass cap 4 S 21

ow W. half and S 22 on E. half
Dig pits 18x18x12 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 W. of cov.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24
ins. in the ground for cor. of sec. 15, 16, 21 and
22, marked on brass cap T 25 N. S 16 in N.W. T 15 E S.

15 in N.E. S 22 in S.E. and S 21 in S.W. quadrants.
Dig pits 18x18x12 ins. in each. sec. 5 1/2 ft. dish and
raise a mound of earth 4 ft. base, 2 ft. high W. of
cov.

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

N 89° 57' E on a random line beth sec. 15 and 22.

40.00 Set temp. 1/4 sec. cov.

80.14 Intersect N and S. line 3 lps. N. of the cor. of sec.
14, 15, 22 and 23, ^{heretofore described} Thence run

S 89° 58' W. on a true line beth sec. 15 and 22.

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

40.07 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cov. marked on brass cap. "4
S 45 on N. half and S 22 on S. half.

Dig pits 18x18x12 ins. E and W. of post. 3 ft. dish,
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high.
No cov.

80.14 The cor. of sec. 15, 16, 21 and 22, heretofore described.

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

February 25th 1910

March 1st 1910, at 2^h 30^m p.m. ^{1 m.t.} set off 35° 33' N. on the
lat. arc. 7° 38' S. on the decl. arc. and determined a
meridian with the solar at the cor. of sec. 15, 16, 21 and
22, ^{heretofore described} Thence run

N 0° 05' E. beth sec. 15 and 16.

Ascend S.E. slope over rolling sandy land through

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- 40.00 Scattering sage brush, undergrowth and bunch grass
 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 16 on W. half and S 15 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.
- 55.00 Top of ascent. level rolling land bears N.E. and S.W.
 Enter level land.
- 80.00 See an iron post 3 ft. long, 2 ins. in diam. 24 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 15 E. S 10 in N.E. S 15
 in S.E. and S 16 in S.W. quadrants.
 Dig pits 18x18x12 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 level and rolling.
 Soil sandy 3rd rate.
 No timber.

- 40.00 N 89° 58' E on a random line bet. sec. 10 and 15
 See top of 4 sec. cor.
- 80.00 Intersect N and S. line 2 hrs. S. of the cor. of secs.
 10, 11, 14 and 15 ^{hereinbefore described} Hence run
 S 89° 57' W. on a true line bet. sec. 10 and 15
 Ascend S.E. slope over rolling sandy land through
 scattering sage and greasewood brush, undergrowth
 and bunch grass.
- 35.00 Top of ascent. level rolling land bears N.E. and
 S.W. Enter level land.
- 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 10 on N. half and S 15 on S. half.
 Dig pits 18x18x12 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.
- 80.00 The cor. of secs. 9, 10, 15 and 16 hereinbefore described.
 Land level and rolling.
 Soil sandy 3rd rate.
 No timber.

March 1st 1910

Chain

March 3rd 1910¹⁰ At 10^h 30^m A.M. ^{1 mi.} set off 35° 34' 16" on the lab. arc. 6° 56' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 9, 10, 15 and 16 ^{herebefore described} thence run

N 0° 05' E. bet. sec. 9 and 10

Over level 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 9. on W. half and S 10 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.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 3, 4, 9 and 10. marked on brass cap T 25 N. 34 in N.W. R 15 E S 3 in. N.E. S 10 in S.E. and S 9 in S.W. quadrant

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 level.

Soil sandy 3rd rate.

No timber.

NOTE

At this cor. set off 6° 55' S. on the decl. arc and at noon observe the sun on the meridian, and obtain on the lab. arc. a reading of 35° 35' 16".

N 89° 57' E on a random line bet. sec. 3 and 10

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

80.00 Intersect N and S. line 3 lks. S. of the cor. of sec. 2, 3, 10 and 11 ^{herebefore described} thence run

S 89° 56' W. on a true line bet. sec. 3 and 10.

Over S.E. slope on 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 3 on W. half and S 10 on S. half.

Dig pits 18x18x12 ins. E and W. of post. 3 ft. dist. and

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raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. N. of cor.
 55.50 Top of gradual ascent. Leave rolling land bears NE and SW. Enter level land.
 80.00 The cor. of secs. 3, 4, 9 and 10, hereinbefore described.
 Land level and rolling.
 Soil sandy 3rd rate.
 No timber.

NO 05 E on a random line bet. sec. 3 and 4
 40.00 See temp $\frac{1}{4}$ sec. cor.

80.58 Intersect N. ldy. of Twp. 12 lko. 58^{51 E} of the cor. of sec. 3, 4
 33 and 34, ^{estab. by me and described in Exterior Book "I"} Thence run

South on a true line bet. sec. 3 and 4
 Over hilly sandy land through scattering sage and greasewood brush, undergrowth and bunch grass.

16.85 Dry ravine 30 lks. wide, 1 ft. deep course NW.

18.63 The same ravine course NE.

26.50 The same ravine course NW.

28.65 The same ravine course NE.

40.58 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked out brass cap. 43 on W. half and 39 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.

48.45 The same ravine 25 lks. wide, 2 ft. deep course NW. ascend gradually.

58.50 Top of gradual ascent. Leave hilly land bears NE and SW on divide between the Craibi and Pleasant Washes. Enter level land.

80.58 The cor. of sec. 3, 4, 9 and 10, hereinbefore described.
 Land level and hilly.
 Soil sandy 3rd rate.
 No timber.

March 3rd 1910.

March 1st. 1910. At 7^h 00^m a.m. ^{l.m.t.} Dsch off. $35^{\circ}30\frac{1}{2}'$ N. on the lat. arc. $7^{\circ}42'$ S. on the decl. arc. and determine a meridian with the solar at the Standard Cor. of recently re-estab. by me and described in Standard Book "F" Sec. 32 and 33. of S. ldy. of Twp. 1 Thence run

Chain

N 0° 07' E. beh. sec. 32 and 33.

Ascend gradually 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 in a draw 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S. 32 on W. half and S 33. 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.

80.00 Set an iron post 3 ft. long 2 ins. in draw 24 ins. in the ground for cor. of sec. 28, 29, 32 and 33, marked on brass cap T 25 N S 29 in N.W. T 15 E S 28 in N.E. S 33 in S.E. and S 32 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.

Cast on a random line beh. sec. 28 and 33.

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

80.34 Intersect N and S. line 8 lks. N. of the cor. of sec. 27, 28, 33 and 34, ^{heretofore described} these 2 run

N 89° 57' W. on a true line beh. sec. 28 and 33

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

34.25 Top of ash on sand ridge bears N.E. and S.W. desc.

40.17 Set an iron post 3 ft. long in a draw 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 28 on N. half and S 33 on S. half.

Dig pits 18x18x12 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.

59.30 Dry sand wash. 30 lks. wide 2 ft. deep. course S.E. and gently.

80.34 The cor. of sec. 28, 29, 32 and 33, heretofore described.

Land rolling.

Soil sandy 3rd rate.

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No timber.

N $10^{\circ}07'$ E between sec. 28 and 29.

Ascend S.E. 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 $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 29 on W. half and S 28 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.

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. S 20 in N.W. R 15 E S 21 in N.E. S 28 in S.E. and S. 29 in S.W. quadrants.

Dig pits 18x18x12 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.

S $89^{\circ}57'$ E on a random line bet. sec. 21 and 28.40.00 Set temp. $\frac{1}{4}$ sec. cor.80.32 Intersect N and S. line 3 lks. S. of the cor. of sec. 21, 22, 27 and 28, ^{as previously described} (N and S. line)N $89^{\circ}58'$ W. on a true line bet. sec. 21 and 28.

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

40.16 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 21 on N. half and S 28 on S half.Dig pits 18x18x12 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. N. of cor.NOTE At this cor. Drek off $7^{\circ}40\frac{1}{2}'$ S. on the decl. arc and at noon observe the sun on the meridian and obtain on the lab. arc a reading of $35^{\circ}32'$ N.

Chains

80.32

The cor. of secs. 20, 21, 28 and 29, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber.

N 0° 07' E. bet. secs. 20 and 21.

Ascend S.E. slope over rolling sandy land, through scattering sage and greasewood bush undergrowth and bluegrass.

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. 20 on W. half and S. 21 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.

45.00

Top of divide between the Crater and Polacca Washes bears N.E. and S.W. Land rolling and bears N.E. and S.W. Enter broken hilly land. Descend steeply over mt. slope.

79.90

Dry sand wash. 25 lbs. wide 3 ft. deep course S.W.

80.00

The point for the cor. of secs. 16, 17, 20 and 21 falls in the bed of sand wash. where natural causes would insure the destruction of the cor., therefore I continue my line as is and at.

80.30

Set an iron post. 3 ft. long 2 in. in diam., 24 ins. in the ground for witness cor. to the cor. of secs. 16, 17, 20 and 21. marked on brass cap. W.C. in N. half. T 25 N. S 17 in N.W. T 15 E. S 16 in N.E. S 21 in S.E. and S 20 in S.W. quadrants.

Dig pits 18x18x12 ins. N.E. S.E. S.W. and N.W. of post. $5\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.

Land rolling and hilly.

Soil sandy 3rd and 4th rate.

No timber.

S 89° 58' E on a random line bet. secs. 16 and 21

40.00

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

80.36

Intersect N. and S. line 5 lbs N. of cor. of secs. 16, 17, 21 and 22, ^{heretofore described} thence S. run

N 89° 56' W. on a true line bet. secs. 16 and 21.

Subdivision of T₂₅N₆R₁₅E.

Chain

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- Ascend gradually over S.E. slope through scattering sage and greasewood bush, undergrowth and bunch grass.
- 36.50 Top of gradual ascension divide between the Crab and Polacca Washes, bear N.E. and S.W. Leave rolling land bear N.E. and S.W., enter hilly land, descend steep N.W. slope.
- 40.18 Set an iron post 3 ft. long 1 in. in diam., 26 ins. in the ground for 4 sec. cor. marked on brass cap. N 81° 16' on N. half and S 21° on S. half.
Dig pits 18x18x12 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.
- 60.35 Dry sand wash 20 lbs. wide course S.W.
- 75.62 The same wash. Course N 85° W. thence in Wash.
- 80.36 The point for cor. of secs. 16, 17, 20 and 21, herebefore described.
Land rolling and hilly.
Soil sandy 3rd and 4th rate.
No timber.

March 1st 1910

- March 3rd ¹⁹¹⁰ Ah. 7th 30^m a.m. ^{1 mt.} Set off 35° 33' from the lat. arc, 6° 57' from the decl. arc and determine a meridian with the solar at the ^{true point for} cor. of secs. 16, 17, 20 and 21, ^{herebefore described} thence drive
N 0° 07' E. bet. sec. 16 and 17,
Ascend S. slope over hilly sandy and clayey land,
2.20 Top of clay ridge bear E. and W. desc.
14.00 Dry run course S 60° W. asc.
24.75 Top of sand ridge bear East W. desc. N.W. slope,
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. N 81° 17' on W. half and S 16° on E. half.
Dig pits 18x18x12 ins. N and S. of post 3 ft. dist. and raised mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
- 77.50 Foot of descent in depression bear East W. drain Wash. arc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap T 25 N, S 8 in N.W., R 15 E, S 9 in N.E. S 16 in S.E. and S 17 in S.W. quadrants.

Schauie

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 broken,

Soil sandy and clayey 3rd and 4th rate,
No timber.

89°56' E on a random line bet. sec 9 and 16.
40.00 Sec. 4 sec. cor.

80.20 Intersect N and S line 8 lks. S. of the cor. of sec.
9, 14, 15 and 16 ^{herein before described} Thence run

N 89°59' W. on a true line bet. sec. 9 and 16.

Over nearly level sandy land, through scattering
sage and greasewood brush, undergrowth and
bunch grass.

40.10 Set an iron bolt 3 ft. long 1 in in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap.
N 89° W. half and S 16° W. S. half.

Dig pits 18x18x12 ins. Each 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.

53.10 West edge of mesa on sandstone bluffs 30 ft. high
tars N.E. and S.W. Descend rolling land tars N.E.
and S.W. descend perpendicular cliff over stony
hill land.

53.50 Foot of cliff tars N.E. and S.W. desc. steeply.

70.50 Foot of descent in depression tars N.E. and S.W.
drains to the S.W. side.

80.20 The cor. of sec. 8, 9, 16 and 17, herein before described.

Land rolling hilly and broken,

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

March 3rd 1910

March 4th 1910 At 1^h 00^m p.m. 1 mt. Desc off. 35°34' N. on the lab.
arc. 6°31' S. on the decl arc and determine a meridian
with the solar alt. the cor. of sec. 8, 9, 16 and 17,
Thence run ^{herein before described,}

N 0° 07' E bet. sec. 8 and 9.

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

Subdivision of Twp 25 N. R 15 E.

Chain

BOOK 2587

- 4.25 Top of sand ridge 25 ft. above cor. bears N.E. and S.W. desc. N.W. slope.
- 10.52 Dry ravine course West. asc.
- 37.75 Top of sand ridge bears N.E. and S.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 out brass cap $\frac{1}{4}$ 38 on W. half and 39 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.
- 44.40 Dry ravine course West. asc.
- 51.50 Top of round sand knoll. 30 ft. high desc.
- 60.75 Point of mesa at foot of perpendicular cliff 80 ft. high bears E and W. Extends W. of line 40 lbs. asc.
- 61.00 Top of aspen on cliff bears E and W. desc. N. slope over sand stone cliffs and ledges.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 in. in the ground for cor. of secs. 4, 5, 8 and 9, marked out brass cap T 25 N. S 5 in N.W. R 15 E S 4 in N.E. S 9 in S.E. and S 8 in S.W. quadrants. Dig pits 18x18x12 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 hilly and broken. Soil sandy and stony 3rd and 4th rate. No timber.
-
- S 89° 59' E. on a random line bet. sec. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N and S. line at the cor. of secs. 3, 4, 9 and ^{hereinbefore described} 10. Newell Drum
- N 89° 59' W. on a true line bet. sec. 4 and 9.
- Over nearly level sandy land. through scattering sage and greasewood brush undergrowth and bunch grass.
- 22.50 Leave rolling land. bears N.E. and S.W. Enter hilly land. descend steep N.W. slope.
- 40.07 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked out brass cap $\frac{1}{4}$ 34 on N. half and 39 on S. half. Dig pits 18x18x12 ins. E and W. of post. 3 ft. dia. and raise a mound of earth 4 ft. base 2 ft. high. N. of cor.
- 62.40 West edge of mesa. bears N.E. and S.W. descend

Shaw

63.00 abruptly over perpendicular cliff 40 ft high.
 80.14 Top of cliff bears N.E. and S.W. descend gradually
 The Cor. of sec. 4, 5, 8 and 9, herebefore described.
 Land rolling hilly and broken.
 Soil sandy and stony 3rd and 4th rate.
 No timber.

40.00 N 0° 07' E on a random line bet. sec. 4 and 5.
 80.68 See temp. 7 sec. cor.
 80.68 Intersect N. line of T₁ 12 lks. 589° 54' E of the cor. 4 sec.
 estab. by me and described in Exterior Book "I"
 4.5, 32 and 33. Thence S run.

40.68 S 0° 02' W. on a true line bet. sec. 4 and 5.
 Over level adobe land through scattering
 greasewood brush.
 40.68 Saw iron box. 3 ft long, 1 in. in diam. 26
 in. in the ground for 4 sec. cor. marked 1/4 S.
 50W N. half and S 40W E. half. on brass cap
 Diggins 18x18x12 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.

45.00 Level land bears N.E. and S.W., Enter
 hilly sandy land bears N.E. and S.W. ascend
 gradually over N.W. slope

48.60 Top of sand ridge bears N.E. and S.W. desc.
 54.20 Dry sand wash. 16 lks. wide 2 ft. deep course S.W.
 desc.

80.68 The Cor. of sec. 4, 5, 8 and 9, herebefore described.
 Land level and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber.

March 4th 1910

March 2nd 1910. At 7^h 00^m a.m. ^{1. m. to} set off 35° 30 1/2' N.
 on the lat. arc. 7° 18' S. on the decl. arc. and
 determine a meridian with the solar on the
 Standard. Cor. of sec. 31 and 32 on S. line of T₁
 recently re-estab. by me and described in Standard Book "F"
 Thence S run

21.40 N 0° 09' E bet. sec. 31 and 32.
 Ascend S.W. slope over low rolling sand hills.
 Top of ascent on sand ridge bears N 60° E and S 60° W
 desc. N.W. slope.

BOOK 2587

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. 45. 31 on W. half. and 332 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.

63,30 Dry ravine 25 lks. wide course S 60° W. asc.

71,35 Top of sand ridge bears N 60° E and S 60° W desc.

80,00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for. Cor. of sec. 29, 30, 31 and 32. marked on brass cap T 25 N. S 30 in N.W. R 15 E. S 29 in N.E. S 32 in S.E. and S 31 in S.W. quadrants.

Dig pits 18x18x12 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 hilly.
Soil sandy 3rd rate,
No timber.

S 89° 50' E on a random line bet. sec. 29 and 32.

40,00 Set temp. $\frac{1}{4}$ sec. cor.

80,42 Intersect N and S. line 3 lks. S. of the cor. of sec. 28, 29, 32 and 33, ^{heretofore described} Thence Drum

N 89° 51' W. on a true line bet. sec. 29 and 32.

Ascend S.E. slope over rolling sandy land through scattering sage and greasewood brush and some grass.

40,21 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. 29 on N. half and 332 on S. half.

Dig pits 18x18x12 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. N. of cor.

41,00 Top of sand ridge bears N.E. and S.W. desc. N.W. slope.

63,00 Dry sand wash. 25 lks. wide course S.W. asc.

69,00 Top of sand ridge bears N.E. and S.W. desc.

80,42 The cor. of sec. 29, 30, 31 and 32; heretofore described.

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

Chains

40.00 N 89° 42' W. on a random line bet. sec. 30 and 31
Sec temp. 7 sec. cor.

80.26 Intersect W. bdy. of Twp. 2 lks. S. of the cor. of sec.
estab. by me and dead tree in Exterior Book "J"
25 30, 31 and 36, Thence from

S 89° 41' E. on a true line bet. sec. 30 and 31.

Over rolling sandy land, sloped to the west, through scattering sage and greasewood brush undergrowth and bunch grass

40.26 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 30 on N. half and S 31 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.

80.26 The cor. of sec. 29, 30, 31 and 32, heretofore
described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber.

N 0° 09' E bet. sec. 29 and 30

Over rolling sandy land through scattering sage
brush 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 30 on W. half and S 29 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.

76.55 Top of gravelly ridge bears N 65° E and S 65° W
dip. N.W. Slope.

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 N. S 19 in N.W. T 15 E. S 20 in N.E.
S 29 in S.E. and S 30 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.

NOTE At this cor. Dch off. 7° 17 1/2' S. on the decl arc. and at noon
observe the sun on the meridian. The resulting lat. being

35° 32' 1/2" N.

BOOK 2587

40.00 S 89° 51' E on a random line bet. sec. 20 and 29,
 80.26 Intersect. N and S. line 5 lks N. of the cor. of sec. 20, 21,
 28 and 29, ^{heretofore described} Thence S run

N 89° 49' W. on a true line bet. sec. 20 and 29,
 Ascend S.E. slope over rolling sandy land through
 scattering sage and greasewood bush undergrowth
 and bunch grass.

20.43 Top of gradual ascension, divide between the Craib
 and Placea Washes, descend gradually over
 N.W. slope.

40.13 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 N. half and S 29 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 N. of cor.

80.26 The cor. of sec. 19, 20, 29 and 30, heretofore
 described.
 Land rolling.
 Soil sandy 3rd rate.
 No tree bet.

40.00 N 89° 41' W. on a random line bet. sec. 19 and 30
 40.00 Set temp. 1/4 sec. cor.

80.34 Intersect W. ldy. of N. on the cor. of sec. 19, 24
 estab. by me and described in Exterior Book "I"
 25 and 30, Thence S run

S 89° 41' E. on a true line bet. sec. 19 and 30.

Over level sandy land, through scattering sage
 and greasewood bush undergrowth and bunch grass.

22.00 Level land bears N.E. and S.W., ascend N.W.
 slope over rolling land.

35.00 Dry sand wash. 25 lks. wide 5 ft. deep course S 50° W.

40.34 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. 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. dia.
 and raise a mound of earth 3 1/2 ft. base. 1 1/2 ft.
 high N. of cor.

Chains

80.94 The cor. of secs. 19, 20, 29 and 30, heretofore described.
Land level and rolling.
Soil sandy 2nd and 3rd rate.
No timber.

N 0° 09' E. bet. sec. 19 and 20.

Descend NW. slope over rolling sandy land, through scattering sage 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 19 on W. half and S 20 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 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor.

69.25 Dry sand wash. 60 lbs. wide 6 ft. deep course S 60° W

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 18, 19, and 20, marked on brass cap T 25 N S 18 in NW. N 15 E S 17 in NE. S 20 in SE. and S 19 in SW. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. diam. 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° 49' E on a random line bet. sec. 17 and 20.

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

80.18 Intersect N. and S. line 25 lbs. S. of the witness cor. to cor. of secs. 16, 17, 20 and 21, ^{heretofore described} thence from true point for cor. of sec. 16, 17, 20 and 21. I run N 89° 47' W. on a true line bet. sec. 17 and 20.

Around S.E. slope of ridge over hilly sandy land through scattering sage brush undergrowth and bunch grass.

2.00 Top of fence on point of ridge bears N. and S. extends south of line 2 chs. dist. desc.

6.40 Dry sand wash. course N.W. asc

13.00 Top of sand ridge bears N. and S. desc.

Subdivision of Twp 25 N. R. 15 E.

Chain

BOOK 2587

- 40.09 Set an iron post 3/4 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 17° W N. half and S 20° W S half. Dig pits 18 x 18 x 12 ins. E. and W. of post 3/4 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
- 52.00 Dry sand wash. 75 lbs. wide 10 ft. deep course S 60° W. acc.
- 57.00 Top of sand ridge bears N.E. and S.W. desc. N.W. slopes over rolling sandy land.
- 80.18 The cor. of secs. 17, 18, 19 and 20, heretofore described. Land rolling and hilly. Soil sandy 3rd rate. No timber.

March 2nd 1910.

- March 4th 1910 At 8^h 00^m a.m. ^{l.m.t.} set off 35° 33' N. on the Cal. arc. 6° 35' S. on the decl. arc. and determine a meridian with the solar alt. the cor. of sec. 17, 18, 19 and 20 ^{heretofore described} Thence ^{l.m.t.} run N 89° 41' W. on a random line bet. secs. 18 and 19.
- 40.00 Set temp 1/4 sec. cor.
- 80.46 Intersect W. l. l. of P.P. 2 lbs. N. of the cor. of sec. 13, 18, 19 and 24 ^{estab. by me and described in Exterior Book "J"} Thence ^{l.m.t.} run S 89° 42' E on a true line bet. secs. 18 and 19. Over level sandy land through scattering greasewood brush undergrowth.
- 2.00 Dry sand wash. 10 lbs. wide 3 ft. deep course S.W.
- 19.75 Dry sand wash. 10 lbs. wide 3 ft. deep course S.W.
- 27.10 Road bears N 50° E and S 50° W. leads from Winslow Arizona to Oraibi Arizona.
- 29.00 Leave level land bears N 50° E and S 50° W. Enter rolling land bears N.E. and S.W. ascend gradually over W. slope.
- 40.46 Set an iron post 3/4 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 18° W N. half and S 19° W S. half. Dig pits 18 x 18 x 12 ins. E. and W. of post. 3/4 ft. dia. and raise a mound of earth 3 1/2 ft. base. 1 1/2 ft. high N. of cor.
- 80.46 The cor. of secs. 17, 18, 19 and 20, heretofore described. Land. level and rolling.

Soil sandy 2nd and 3rd rate
No timber

N 0° 09' E. bet sees. 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° W. half and S. 17° W. 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 ins. in diam. 24 ins. in the ground for cor. of sees. 7, 8, 17, and 18.

marked on brass cap, T 25 N. S 7 in N.W. R 15 E. S 8 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.

S 89° 47' E on a random line bet. sees. 8 and 17

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

80.16 Intersect N and S. line at the cor. of sees. 8, 9, 16 and 17, ^{heretofore described} thence $\frac{1}{4}$ run

N 89° 47' W. on a true line bet. sees. 8 and 17.

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

40.08 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 8° W. N. half and S 17° W. S. half.

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

80.16 The cor. of sees. 7, 8, 17 and 18, heretofore described.
Land rolling

BOOK 2587

Soil sandy 3rd rate.
No timber.

40.00 S 89° 42' W. on a random line bet. sec. 7 and 18
bet temp. 1/4 sec. cor.

80.54 Intersect W. bdy. of N. 1/4. the cor. of sec. 7, 12, 13
and 18, ^{as estab. by me and described in Exterior Book "J"}
^{Thence S run}

S 89° 42' E on a true line bet. sec. 7 and 18.

Low level adobe valley land, through scattering
greasewood brush and dry growth

18.17 Road from Winslow Arizona to Oraibi Arizona
bears N 40° E and S 40° W.

24.45 Old road leads to Dadeau Hogan. bears N. E. and S. W.

40.54 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.
N 45° W on N. half and S 18° W 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. N. of cor.

From this cor. a deserted Navajo Hogan bears
W. 30° W. 11 ch. dist.

42.35 The Oraibi Wash. 100 lbs. wide, dry. course S. W.

71.54 Road from Winslow Arizona to Oraibi Arizona
bears N 55° E and S 55° W.

73.00 Leave level valley land bears N. E. and S. W.
Enter rolling land around gradually over W.
slope

80.54 The cor. of sec. 7, 8, 17 and 18; heretofore described.
Land level and rolling.

Soil sandy and adobe 3rd rate.
No timber.

March 4th 1910

NOTE March 4th 1910 At the cor. of sec. 7, 8, 17 and 18, ^{heretofore described} D.
set off. 6° 32' S. on the decl. arc. and at noon
observe the sun on the meridian and obtain
on the lab. arc. a reading of 35° 34' 71.

1910
March 5th 8^h a.m. l.m.t. on the decl. arc. 35° 34' 76. on the
lab. arc. 6° 12' S. on the decl. arc and determine
a meridian with the solar alt. the cor. of sec.

^{herebefore described}
7, 8, 17 and 18, Thence Drun
N0°09'E. 7th. sec. 7 and 8.

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

21.00 Foot of descent leads rolling land bears N.E. and S.W. Enter level sandy and adobe valley land.

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

36.18 The same road bears N.W. and S.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. $\frac{1}{4}$ S. 70 W. half. and S 80 W 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. 5, 6, 7 and 8. marked on brass cap T 25 N. S 6 in N.W. N 15 E S 5 in N.E. S 8 in S.E. and S 7 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 level and rolling.

Soil sandy and adobe 2nd and 3rd rate.

No timber.

S 89° 47' E. on a random line bet. sec. 5 and 8.

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

80.10 Intersect N. and S. line 5 lvs. N. of the cor. of sec. 4, 5, 8 and 9, ^{herebefore described} Thence Drun

N 89° 45' W. on a true line bet. sec. 5 and 8.

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

40.05 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 50 W N. half and S 80 W 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. N. of cor.

BOOK 2587

58,00 Foot of descent down rolling land bears N.E. and S.W. . Enter level adobe valley land bears N.E. and S.W.

73,60 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.

80,10 The cor. of secs 5, 6, 7 and 8, heretofore described. Land level and rolling. Soil sandy and adobe 2nd and 3rd rate. No timber.

40,00 S 89° 42' W. on a random line bet. sec. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.

80,68 Intersect N. l. dry. of Twp. 3 l. S. of cor. of sec. 1, 6, 7 and 12, hence from

S 89° 41' E on a true line bet. sec. 6 and 7.

Over level sandy land through scattering sage and greasewood brush undergrowth.

39,18 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.

40,68 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked out from cap $\frac{1}{4}$ 36 on N. half and 37 on S. half.

Dig pits 18 x 18 x 12 in. 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 N. of cor.

54,20 The Oraibi W. ash. 130 lbs. Wide dry. tanks 20 ft. high. Course S.W.

80,68 The cor. of secs. 5, 6, 7 and 8, heretofore described. Land level.

Soil sandy and adobe. 2nd and 3rd rate. No timber.

NOTE: On the $\frac{1}{4}$ sec. cor. bet. sec. 6 and 7 ^{above described} I set off 6° 8 $\frac{1}{2}$ ' S. on the decl. arc. and as noon observed the sun on the meridian and obtain on the lat. arc a reading of 35° 35' N. for the latitude of this place.

40,00 S 89° 09' E. on a random line bet. sec. 5 and 6. Set temp. $\frac{1}{4}$ sec. cor.

80,34 Intersect N. l. dry. of Twp. 5 l. S. ^{89° 54' E} of the cor.

Chairs

- estab. by me and described in Exterior Book "I" of Secs. 5, 6, 31 and 32. Thence I run S 0° 07' W. on a true line bet. sec. 5 and 6. Over level adobe valley land through a scattering sage and greasewood brush undergrowth, and bunch grass
- 57.00 Dry sand wash 15 lks. wide 3 ft. deep course S.W.
- 36.50 Dry sand wash 40 lks wide, 4 ft. deep course S.W.
- 40.34 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on bear cap 736 on W. half and 35 on E. half. Dig pits 18x18x12 ins 7 auds. of post 8 ft. dia and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.
- 80.34 The cor. of sec 5, 6, 7 and 8, hereinbefore described. Land level. Soil sandy and adobe, 2nd rate. No timber.

March 5th 1881

General description

The land in this township varies from level land along the Oraibi and Polacca Washes, in the north western and south eastern parts of the township to high sand hills which extend through the central part, and the soil ranges from 2nd to 4th rate.

The soil of the bottom land along the Oraibi and Polacca Washes is a sandy loam mixed with adobe, and will produce certain kinds of crops without irrigation, The soil of the remaining portion of the township is a sandy loam and can nearly all be classed as 3rd rate, is covered with a good growth of bunch grass.

The township is poorly watered, and no timber is found within the boundaries.

There are no permanent settlers in the township at the present time, The Navajo Indians, who farm the lands along the Polacca and Oraibi Washes have not returned from their winter habitations in some other part of the Country, whether they

BOOK 2587

go to graze their flocks of sheep and goats
during the winter months

Sidney E. Blouh

U.S. Examiner of Surveys

March 5th 1910

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. Blous
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 Subdivisional lines
of Twp. 25 No. 15 E. of the Gila and Salt River Basins and Meridian, Arizona
showing the respective capacities in which they acted:

- Fred L. Warner Van L. White Compassman....., Chainman.
- J. J. White....., Chainman.
- Earl Albright....., Chainman
Moundman.
- Ralph Sampson and Chas. L. Shumway....., Moundman.
-, Assman.
-, Assman.
- William R. Carson....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blous
Examiner of Surveys
~~United States Deputy Surveyor~~, in surveying all
those parts or portions of the Subdivisional lines of Twp. No. 25 No. Range
No. 15 East

..... of the Gila and
Salt River Basins 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~~ Commissioner

- Earl Albright Van L. White Compassman
Fred L. Warner....., Chainmen.
- J. J. White....., Chainman.
- Ralph C. Sampson....., Moundman.
- Chas. L. Shumway....., Moundman.
-, Assman.
-, Assman.
- William R. Carson....., Flagman.

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



Sidney E. Blous
U.S. Examiner of Surveys

180
40
2587

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

(Same applies to Subdivisional Books A, B, C, D, E, F, G, H, J and K.)

I, Sidney E. Blout, United States ~~Deputy Surveyor~~ ^{Examiner of Surveys}, do solemnly swear that, in pursuance of Special Instructions from the Commissioner of the General Land Office, bearing date of the

2nd day of Oct. 1907 and the 15th 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 Commissioner of the General Land Office the Manual of Surveying Instructions, and the laws of the United States, surveyed ^{or resurveyed} all those parts or portions of The Subdivisional lines of Twp. No. 25 N., Ranges No. 15, 16, 17, 18, 19, 20 and 21 East, and of Tps. No. 26 North, Ranges No. 16, 17, 18, and 19 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 ^{or resurveyed} by me, and under my direction; and I do further solemnly swear that all the corners of said survey, ^{or resurveys} have been established, and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner 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 ^{or resurveys} and those in Books A, B, C, D, E, F, G, H, J and K

Sidney E. Blout
United States ~~Deputy Surveyor~~ ^{Examiner of Surveys}

Subscribed by said Sidney E. Blout, and sworn to before me }
this 14th day of March, 1908

Frank S. Ingalls
SURVEYOR-GENERAL OF ARIZONA



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 15 East of the
Gila and Salt River Base & Meridian, Arizona

executed by Sidney E. Blout U.S. Examiner of Surveys under Special Instructions from the Commissioner of the General Land Office, dated Oct. 2, 1907 and May 15, 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.