

Subdivisional

2530

BOOK-B

BOOK 2580

FIELD NOTES

AND RESURVEY
OF THE SURVEY OF THE

Subdivision Lines of Township
No 26 North, Range No 19 East

Of the Giland Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blout

, United States Examiner of Surveys
~~Deputy Surveyor~~

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

& Resurvey
Survey commenced July 3rd, 1908

& Resurvey
Survey completed July 10th, 1908

1A

NAMES AND DUTIES OF ASSISTANTS.

Fred L. Warner

Chairman

Van L. White

Chairman

Ralph P. Westraud

Chairman

Walter A. Swaffer

Chairman

Harry J. Hassler

Wardman

Henry Jennings

Wardman

Adley Manning

Flagman

R. E. Chabone

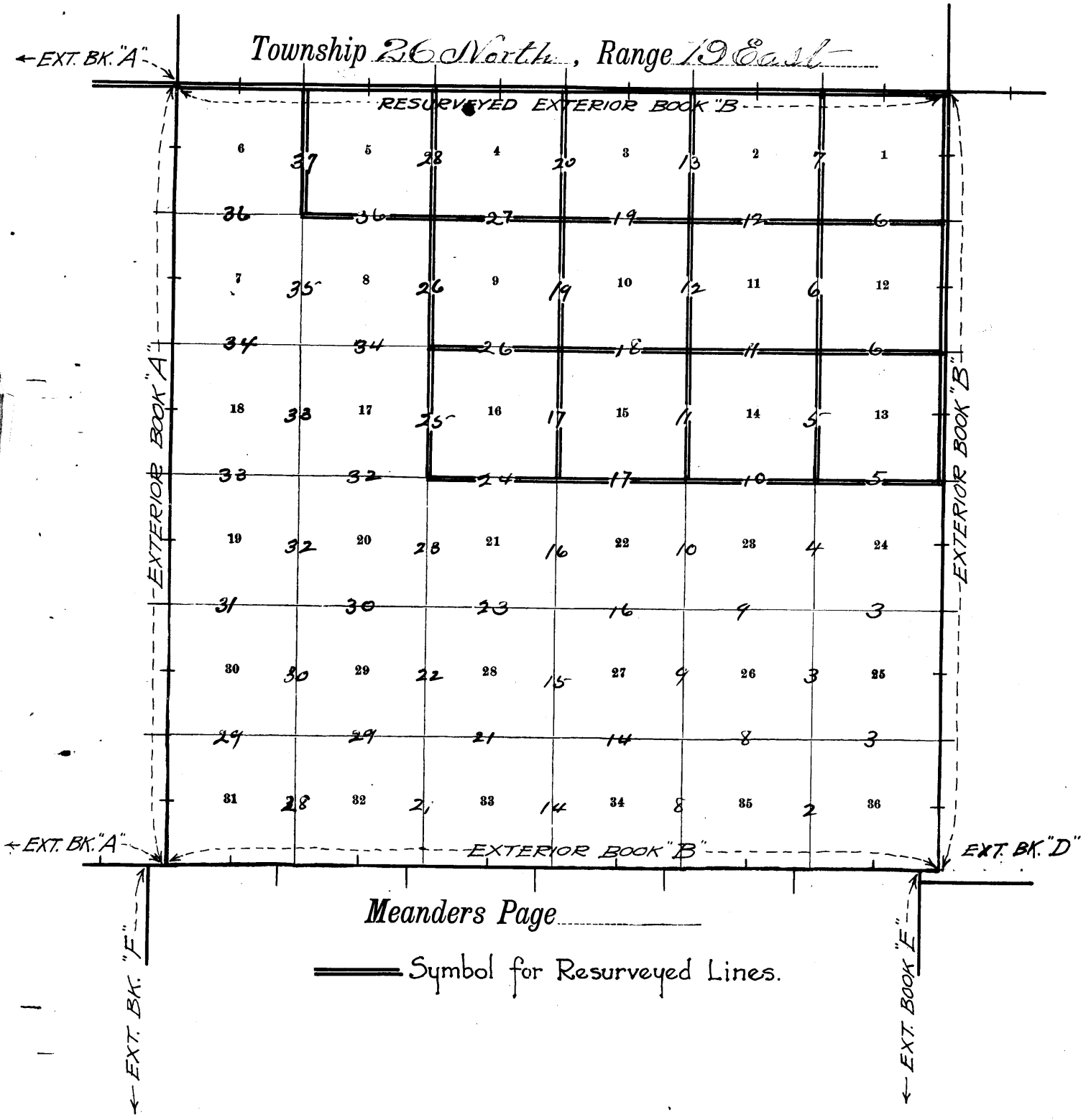
Flagman

Charles A. Hutton

Clerk

Some faint remains of the old corner were found in this township, but a careful investigation shows that it would be totally impracticable to reestablish the old quarter quarter corners at their original positions, I therefore consulted with the Allotting Agent, who informed me that no allotments would be based on the old obliterated lines, and a resurvey having been suggested by him, I completely ignore such evidence of the old survey, as I find

INDEX DIAGRAM.



PRELIMINARY OATHS OF ASSISTANTS.
(SEE SUBDIVISIONAL BOOK "A")

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 July 3rd 1908. and executed with a Young and Sons Light Mountain Transit N^o 10. with Smiths solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc. which is also the least count of the vernier of the latitude and declination arcs.

I examined the adjustments of the transit and correct the level and collimation errors; then to test the solar apparatus, by comparing its indications resulting from solar observations made during a m. and p.m. hour with a meridian determined by observations on Polaris I proceed as follows.

At my Camp which is located near the cor. of sec. 15, 16, 21 and 22. T 26 N. R 19 E., Latitude $35^{\circ} 38\frac{1}{2}'$ N., Longitude $110^{\circ} 19' 01''$ W. or $35^{\circ} 38\frac{1}{2}'$ N. on the lat. arc. $22^{\circ} 57\frac{1}{2}'$ N. on the decl. arc and at 4^h 04^m p.m. l.m.l. determined a meridian with the solar and mark a point thereof by a nail driven in a stake set in the ground 5 Chs. N. of my instrument.

At 8^h 47^m p.m. l.m.l. by my watch which is correct local mean time I observe Polaris in accordance with instructions in the manual and mark the direction thus determined by a nail driven in a peg set in the ground 5 Chs. N. of my instrument.

Astronomical time of observation 1908 July 3 rd	h	m
	8	47
Equivalent to time of July 2 nd	32	47

Astron. time U.C. Polaris July 1 st (Table V Part I)	h	m
	18	46.1
Reduction to July 2 nd Subtract		39.1
	18	42.2

Hour angle of Polaris at observation	14	04.8
Subtract from		23
		56.1

True argument for Table VII 9 52.3
 Azimuth of Polaris at observation $0^{\circ} 44\frac{3}{4}'$ E
 July 3rd 1908

July 4th At 6^h 30^m a.m. l.m.l. I lay off the

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azimuth of Polaris $0^{\circ} 44\frac{3}{4}$ to the west and mark the meridian thus determined by a tack driven in the stake set July 3rd on which the meridian falls 0.5 ins. east of the mark determined by the Solar.

At 7^h 04^m a.m. l.m.t. Deb off. $35^{\circ} 38\frac{1}{2}'$ N. on the lat. arc. $22^{\circ} 55'$ N. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5 ch. N of my instrument. This point falls 0.2 ins. east of the meridian established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations defined positions for meridian respectively about $0^{\circ} 26''$ west. and $0^{\circ} 10''$ East. of the meridian established by the Polaris observation. therefore I conclude that the adjustments of the instrument are satisfactory.

I commenced at the cor. of sec. 1, 2, 35 and 36. on the S. ldy. of the T₄. Latitude $35^{\circ} 36'$ N. Longitude $110^{\circ} 16' 53''$ W. recently estab. by me & described in Exterior Book "B"

At this cor. Deb off $35^{\circ} 36'$ N. on the lat. arc. $22^{\circ} 54\frac{1}{2}'$ N. on the decl. arc. and at 8^h 04^m a.m. l.m.t. determine a meridian with the solar.

Thence I run

N $0^{\circ} 01'$ W. Bet. sec 35 and 36.

Over rolling adobe and sandy bottom land, through sage and greasewood brush. about 3 ft. high.

40.00 Set a malapai stone 12x8x4 ins., 8 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face.

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

65.30 Road from Winslow Ariz to Keams Canyon Ariz bears N.W. and S.E.

80.00 Set a malapai stone 13x9x5 ins. 9 ins. in the ground for cor. of sec. 25, 26, 35 and 36. mkd with 1 notch on E. and S. edges.

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.

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

No timber

40.00 East on a random line bet. sec. 25 and 36.
Set temp. $\frac{1}{4}$ rec. cor.

80.02 Intersect E. ldy. of T₂₆ 4 lks. S. of the cor. of sec.
25, 30, 31 and 36; recently estab. by me & described in Exterior
Thence Drum Book "B"

S_{89°58'} W on a true line bet. sec. 25 and 36.

Over rolling sandy land through sage and greasewood brush about 2 ft. high

40.01 Set a malapai stone 14x8x4 ins. 10 ins. in the ground for $\frac{1}{4}$ rec. cor. mk'd. $\frac{1}{4}$ on N. face,
Dig pits 18x18x12 ins. E and W. of stone 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

80.02 The cor. of sec. 25, 26, 35 and 36, hereinbefore described.

Land rolling.

Soil sandy 2nd and 3rd rate.

No timber.

N_{0°01'} W. bet. sec. 25 and 26.

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

40.00 Set a malapai stone 12x8x7 ins. 8 ins. in the ground for $\frac{1}{4}$ rec. cor. mk'd. $\frac{1}{4}$ on W. face.

Dig pits 18x18x12 ins. N and S. of stone 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 a malapai stone 14x6x5 ins. 10 ins. in the ground for cor. of sec. 23, 24, 25 and 26 mk'd. with 1 notch on E and 2 notches on S. edges

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.

N_{89°58'} E. on a random line bet. sec. 24 and 25.

4 Survey & Resurvey of Subdivision^{lines} of T₁ 26 N. R19E.
 4 Chains

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40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect E. bdy. of T₁ 2 $\frac{1}{2}$ lvs. N. of the cor. of sec. 19, 24, 25 and 26, recently estab. by me & described in Exterior Book "B"
 Thence I run
 S 89° 59' W. on a true line bet. sec. 24 and 25
 Over rolling sandy land through sage and greasewood brush and bunch grass.

39.99 Set a malapai stone 12x8x6 ins 8 ins. in the ground for $\frac{1}{4}$ sec. cor. mark'd $\frac{1}{4}$ on N. face
 Dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

79.98 The cor. of sec. 23, 24, 25 and 26, hereinbefore described
 Land rolling.
 Soil sandy 3rd rate.
 No timber

NOTE July 4th 1908. at the $\frac{1}{4}$ sec. cor. bet. sec. 24 and 25: D.
 Set off. 22° 58' N. on the decl. arc, and at 12^h 04^m p.m. I. m. L. observed the sun on the meridian, and obtain on the lat. arc. a reading of 36° 37 $\frac{1}{2}$ ' N. which is a little higher than the calculated latitude of this place

N 0° 01' W. bet. sec. 23 and 24

Over low rolling sand hills through scattering sage and greasewood brush and bunch grass.

40.00 Set a malapai stone 13x9x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mark'd $\frac{1}{4}$ on W. face
 Dig pits 18x18x12 ins. N. and S. of stone 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 a malapai stone 14x7x7 ins. 10 ins. in the ground for ^{the established} cor. of sec. 13, 14, 23 and 24, mark'd with 1 notch on E. and 3 notches on S. edges.
 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 hilly.
 Soil sandy 3rd rate.
 No timber.

40.00 Set a true line bet. sec. 13 and 24
 79.96 Intersect E. bdy of N₁ 5 lks. N. of the cor. of sec.
 13, 18, 19 and 24, ^{re-established by me &} described in Exterior Book "B"
 Thence Drum, resurveying
 N 89° 59' W. on a true line bet. sec. 13 and 24
 Ascend gradually N.W. slope over low hills, through
 sage and greasewood brush.
 39.98 Set a malapai stone 14 x 6 x 6 ins. 10 ins. in the
 ground for ^{re-established} 1/4 sec. cor.; notch 1/4 on N. face,
 Dig pits 18 x 18 x 12 ins. E and W of stone 3 ft. dist.
 and raise a mound of earth 3 1/2 ft. base, 1 1/2
 ft. high N. of cor.
 79.96 ^{re-established} True cor. of sec. 13, 14, 23 and 24, hereinbefore described.
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

July 4th 1908

July 6th 1908. Abt. 1^h 30^m p.m. L. m. l. Dr. off 35° 38'
 N. on the lat. arc 22° 41' N. on the decl. arc and
 determine a meridian with the solar at the ^{re-established} cor.
 of sec. 13, 14, 23 and 24, hereinbefore described,
 Thence Drum, resurveying
 N 0° 01' W. Bet. sec. 13 and 14,
 Ascend S.E. slope over low sand hills, through
 scattering sage brush and bunch grass.
 40.00 Set a malapai stone 14 x 9 x 8 ins. 10 ins. in
 the ground for ^{re-established} 1/4 sec. cor. notch 1/4 on W. face
 Dig pits 18 x 18 x 12 ins. N and S. of stone 3 ft. dist.
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
 high W of cor.
 80.00 Set a malapai stone 15 x 10 x 6 ins. 10 ins. in
 the ground for ^{re-established} cor. of sec. 11, 12, 13 and 14, notch
 with 1 notch on E. and 4 notches on S. edges.
 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 hilly.
 Soil sandy 3rd rate
 No timber.

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S 89° 59' E. on a random line bet. sec. 12 and 13
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect E. bdy. of T. 10 lke. N. of the Cor. of
 sec. 7, 12, 13 and 18; ^{recently re-established by me &}
^{described in Exterior Book "B"}
 Thence I run, resurveying
 N 89° 55' W on a true line bet. sec. 12 and 13
 Over low rolling sand hills, through scattering
 sage brush and bunch grass.
 8.13 Road to Lewis Canyon from Winslow Ariz head
 N. W and S. E.
 11.00 Dry wash course S. W. 1 ch. wide 15 ft. deep.
 39.99 Set a malapai stone 12 x 10 x 8 ins. 8 ins. in
 the ground. ^{re-established} for $\frac{1}{4}$ sec. cor. mark. $\frac{1}{2}$ on N. face
 Dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$
 ft. high N. of cor.
 79.98 ^{re-established} The Cor. of sec. 11, 12, 13 and 14, hereinbefore described.
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

N 0° 01' W. bet. sec 11 and 12, resurveying.
 Ascend S. E. slope over low sand hills, through
 sage and greasewood brush and bunch grass
 40.00 Set a malapai stone 14 x 8 x 6 ins. 10 ins. in the
 ground ^{re-established} for $\frac{1}{4}$ sec. cor. mark $\frac{1}{4}$ on W. face
 Dig pits 18 x 18 x 12 ins. N. and S. of stone 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 a malapai stone 14 x 8 x 7 ins. 10 ins. in
 the ground ^{re-established} for Cor. of sec. 1, 2, 11 and 12, markd.
 with 1 notch on E; and 5 notches on S. edges
 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 hilly.
 Soil sandy 3rd rate
 No timber

S 89° 55' E on a random line bet. sec. 1 and 12
 40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect E. bdy. of Tp. 8 lks. N of the cor. of secs. 1-6-7 and 12, recently re-established by me & described in Exterior Book "B"
 Thence I run, resurveying
 N. 89° 52' W. on a true line bet. secs. 1 and 12
 Descend N.W. slope over low rolling sand ridges through scattering sagebrush and bunch grass.

40.01 Set a malapoi stone 12x9x8 ins 8 ins. in the ground ^{re-established} for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on N. face.
 Dig pits 18x18x12 ins E and W. of stone 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.

80.02 ^{re-established} The $\frac{1}{4}$ cor. of secs 1-2-11 and 12, hereinbefore described.
 Land hilly and broken,
 Soil sandy 2nd rate.
 No timber.

40.00 N. 0° 01' W. on a random line bet. secs. 1 and 2
 Set temp $\frac{1}{4}$ sec. cor.

79.96 Intersect N. bdy. of Tp. 5 lks. S. 89° 59' E of the cor. of secs. 1-2-35 and 36, recently re-established by me & described in Exterior Book "B"
 Thence I run, resurveying
 S. 0° 3' E. on a true line bet. secs. 1 and 2
 Over rolling sandy valley land covered with bunch grass

39.96 Set an iron post 3 ft long 1 in. in diam 2 6 ins. in the ground ^{re-established} for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 2 on N. half and S. 1 on E. half.
 Dig pits 18x18x12 ins. W. and E. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

79.96 ^{re-established} The $\frac{1}{4}$ cor. of secs. 1-2-11 and 12, hereinbefore described.
 Land rolling and hilly.
 Soil sandy 3rd rate.
 No timber.

July 6th 1908

July 6th 1908: At 7^h and 07^m a.m. l.m.t. I set off 35° 36' W. on the lat. arc 22° 43 $\frac{1}{2}$ ' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 2-3-34 and 35 on the S. bdy. of the Tp. ^{recently established by me &} described in Exterior Book "B"

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Thence I run
 N. 0° 01' W. bet. secs. 34 and 35
 Descend N. slope over hilly land through sage
 and greasewood brush and bunch grass.
 20.00 Foot of descent leave hilly land bears N.E.
 and S.W. enter level land bears N.E. and S.W.
 40.00 Set a malapai stone 12x10x7 ins. 8 ins. in the
 ground for $\frac{1}{4}$ sec. cov. mkd. $\frac{1}{4}$ on W. face.
 Dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist. and
 raise mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cov.
 80.00 Set a malapai stone 14x9x5 ins. 10 ins. in the
 ground for cov. of secs. 26-27-34 and 35 mkd
 with 2 notches on E. and 1 notch on S. edge
 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 cov.
 Land level and hilly.
 Soil sandy and adobe 2nd and 3rd rate.
 No timber.

40.00 East on a random line bet. secs. 26 and 35
 Set temp. $\frac{1}{4}$ sec. cov.
 79.96 Intersect N. and S. line 12 lbs. N. of cov. of secs.
 25-26-35 and 36., hereinbefore described,
 Thence I run
 N. 89° 55' W. on true line bet. secs. 26 and 35
 Over low rolling sand hills through sage
 and greasewood brush and bunch grass.
 26.50 Road leads to Stolbrook Ariz. bears N. and S.
 39.98 Set a malapai stone 13x8x5 ins. 10 ins. in the
 ground for $\frac{1}{4}$ sec. cov. mkd. $\frac{1}{4}$ on N. face.
 Dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft.
 high N. of cov.
 75.50 Road from Stolbrook Ariz. to Polacca Ariz.
 bears N. and S.
 79.96 The cov. of secs. 26-27-34 and 35, hereinbefore described.
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

N. 0° 01' W. bet. secs. 26 and 27
 Ascend S. slope over rough stony land through
 sage and greasewood brush and bunch grass
 2.00 Road bears E and W.
 4.50 Ascend sand stone ledge 25 ft. high bears E and W.
 5.00 Top of ledge continues ascent over stony land
 40.00 Set a malapai stone 14x12x7 ins. 10 ins. in the
 ground for $\frac{1}{4}$ sec. cov. mkd. $\frac{1}{4}$ on W. face.
 Dig pits 18x18x12 ins. N and S of stone 3 ft. dist.
 and raise a mound of earth 3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft
 high W. of cov.
 80.00 Set a malapai stone 14x9x6 ins. 10 ins. in the
 ground for cov of secs 22-23-26 and 27 mkd. with
 2 notches on E. and S. edges.
 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 cov.
 Land hilly and broken.
 Soil sandy and stony 3rd and 4th rates.
 No timber.

S. 89° 55' E. on a random line bet. secs. 23 and 26
 40.00 Set temp. $\frac{1}{4}$ sec. cov.
 79.96 Intersect W and S line 2 lks. S of the cov. of
 secs. 23-24-25 and 26, hereinbefore described,
 Thence I run
 N. 89° 56' W. on a true line bet. secs. 23 and 26
 Over low rolling sand hills through sage and
 greasewood brush.
 25.01 Road bears N.E. and S.W. leads from Holbrook
 Ariz. to Polacca Ariz.
 37.36 Road bears N.E. and S.W. leads from Holbrook
 Ariz to Polacca Ariz.
 39.98 Set a malapai stone 12x10x7 ins. 8 ins. in the
 ground for $\frac{1}{4}$ sec. cov. mkd. $\frac{1}{4}$ on N. face.
 Dig pits 18x18x12 ins. E and W. of stone 3 ft. dist.
 and raise a mound of earth 3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft.
 high N of cov.
 79.96 The cov. of secs. 22-23-26 and 27, hereinbefore
 described.
 Land hilly and rolling.
 Soil sandy 3rd rate.

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No timber.

N. 0° 01' W. bet. secs. 22 and 23

Over low sand ridges bears N.E. and S.W. through sage and greasewood brush and bunch grass.

5.00 Top of ridge bears N.E. and S.W. desc. gradually.
 40.00 Set a malapai stone 15x7x4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cov. mk'd. $\frac{1}{4}$ on W. face.

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

80.00 Set a malapai stone 14x10x6 ins 10 ins. in the ground for ^{re-established} cov. secs. 14-15-22 and 23 mk'd.

with 2 notches on E. and 3 notches on S. edge. Dig pits 18x18x12 ins. in each sec. 3 $\frac{1}{2}$ ft dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cov.

Land hilly.

Soil sandy 3rd rate.

No timber.

S. 89° 56' E. on a random line bet. secs. 14 and 23

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

80.00 Intersect N and S. line 8 lks. S. of the ^{re-established} cov. of secs. 13-14-23 and 24, hereinbefore described,

Thence run, resurveying

N. 89° 59' W. on a true line bet. secs. 14 and 23

Ascend E slope over low rolling hills through sage brush and bunch grass.

33.15 Road from Holbrook Ariz. to Polacca Ariz. bears N. and S.

40.00 Set a malapai stone 14x8x8 ins. 10 ins. in the ground for ^{re-established} cov. mk'd. $\frac{1}{4}$ on W. face.

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

59.35 Road bears N. and S. leads from Holbrook Ariz. to Polacca Ariz.

80.00 ^{re-established} cov. of secs. 14-15-22 and 23, hereinbefore described.

Land hilly.

Soil sandy 3rd rate.

NOTE No timber
 On a point 20.00 Ch. E. of the ^{re-established} 4th rec. cor bet.
 recs. 14 and 23. D. reb. off. $22^{\circ}41'N$. on the decl.
 arc. and at 12^h 04^m p.m. l.m.l. observed the
 sun on the meridian. the resulting latitude
 being $35^{\circ}38\frac{1}{2}'N$.

July 6th 1908

July 7th 1908. At 2^h 04^m p.m. l.m.l. D. reb. off.
 $35^{\circ}38'N$. on the lat. arc, $22^{\circ}34\frac{1}{2}'N$. on the
 decl. arc. and determined a meridian with
 the solar at the ^{re-established} cor. of recs. 14, 15, 22 and 23,
 Thence I run, resurveying ^{hereinbefore} described
 $N70^{\circ}01'W$. bet. recs. 14 and 15.

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

28.50 Road from Holbrook Ariz to Placew Ariz
 bear N.W. and S.E.

40.00 Set a malpais stone 15 x 8 x 6 ins, 10 ins. in
 the ground, for ^{re-established} 4th rec. cor, mid. $\frac{1}{4}$ on W. face.
 Dig pits 18 x 18 x 12 ins. N and S. of stone 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 a malpais stone 12 x 8 x 8 ins. 8 ins. in
 the ground, for ^{re-established} cor. of recs. 10, 11, 14 and 15
 mid. with 2 notches on E and 4 notches on
 S. edges.

Dig pits 18 x 18 x 12 ins. in each rec. $5\frac{1}{2}$ 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.

40.00 Set temp. $\frac{1}{4}$ rec. cor.
 80.06 Intersect N and S. line 3 hrs. N. of the ^{re-established} cor. of
 recs. 11, 12, 13 and 14, hereinbefore described,

Thence I run, resurveying
 $N89^{\circ}58'W$. on a true line bet. recs. 11 and 14
 Over rolling sandy land slopes to West, through

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31.76 Sage and greasewood brush and bunch grass.
Road bear N. and S. leads from Holbrook Ariz
to Polacca Ariz.

40.03 Set a malapai stone 15x9x7 ins. 10 ins. in
the ground for ^{re-established} $\frac{1}{4}$ sec. Cor. mid. $\frac{1}{4}$ on N. face
Dig pits 18x18x12 ins E and W. of stone 3 ft. dist.
and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft.
high N. of cor.

80.06 ^{re-established} The $\frac{1}{4}$ Cor. of sec. 10, 11, 14 and 15, hereinbefore described.
Land rolling.
Soil sandy 3rd rate.
No timber.

N 0° 01' W. bet. sec. 10 and 11, resurveying,
Over rolling sandy land slopes to the S.E.
through sage and greasewood brush and
bunch grass.

40.00 Set a malapai stone 15x6x5 ins. 10 ins. in
the ground for ^{re-established} $\frac{1}{4}$ Sec. Cor. mid. $\frac{1}{4}$ on W. face
Dig pits 18x18x12 ins. N and S. of stone 3 ft.
dist. and raise a mound of earth 3 $\frac{1}{2}$ ft.
base 1 $\frac{1}{2}$ ft. high. W. of cor.

74.85 Road. bear E and W. leads from Keams
Canyon Ariz to Holbrook Ariz.

80.00 Set a malapai stone 12x9x8 ins, 8 ins. in
the ground. for ^{re-established} $\frac{1}{4}$ Cor. of sec. 2, 3, 10 and 11, mid
with 2 notches on E and 5 notches on S. edges.
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.

89° 58' E on a random line bet. sec 2 and 11
40.00 Set temp. $\frac{1}{4}$ Sec. cor.

80.00 Intersect N. and S. line 8 lks. N. of the ^{re-established} Cor. of sec.
1, 2, 11 and 12, hereinbefore described

Thence run, resurveying
N 89° 55' W. on a true line bet. sec. 2 and 11

Descend W slope over low rolling sand hills through sage and greasewood brush and bunch grass.

27.00 Road bears N and S leads from Kearns Canyon Ariz. to Holbrook Ariz.

40.00 Set a malapai stone 15x7x6 ins. 10 ins. in the ground for ^{re-established} 1/4 sec. cor. marked 4 on N. face. Dig pits 18x18x12 ins. E. and W of stone 3 ft. dist. and raise a mound of earth 3 1/2 ft base 1 1/2 ft high N. of cor.

80.00 ^{re-established} 1/4 sec. cor. of secs. 2-3-10 and 11, hereinbefore described.
 Land hilly
 Soil sandy 3rd rate
 No timber.

40.00 N. 0° 01' W. on a random line bet secs 2 and 3. Set temp 1/4 sec. cor.

80.04 Intersect N. bdy. of Twp. 16 N. 89° 59' E. of the cor. of secs 2-3-34 and 35, recently re-established by me & described in Exterior Book "B".
 Thence I run, resurveying
 S. 0° 08' E. on a true line bet. secs. 2 and 3
 Over rolling sandy land slopes to the S through sage and greasewood brush and bunch grass

16.89 Right bank of sand wash bears N.E. and S.W. desc. into wash, called Jetteto Wash.

18.50 Bottom of wash 30 ft deep course S.W. thence in bed of wash.

38.00 Leave bed of sand wash course S.W. ascend left bank

39.04 Top of left bank of wash bears N.E. and S.W. thence over rolling sandy land.

40.04 Set an iron post 3 ft long 1 in. in diam, 2 1/2 ins. in. the ground for ^{re-established} 1/4 sec. cor. marked on brass cap. 4 S 3 on W. half and S 2 on E half. Dig pits 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.

80.04 ^{re-established} 1/4 sec. cor. of secs 2-3-10 and 11, hereinbefore described.
 Land rolling
 Soil sandy 3rd rate

BOOK 2580

No timber

July 7th 1908

July 7th 1908 at 7^h 04^m a.m. l.m.t. I set off 35°36' N. on the lat arc. 22°37' N on the decl arc and determine a meridian with the solar at the cor. of secs 3-4-33 and 34 on the S. bdy of Tp, recently established by me & described in Exterior Book "B"

Thence I run N. 0° 02' W. bet secs 33 and 34
 Over rolling bottom land through sage and greasewood brush about 3 ft high

40.00 Set a malapai stone 14x7x7 ins 10 ins in the ground for 1/4 sec. cor marked 4 on W. face

76.00 Dig pits 18x18x12 ins N and S. of stone 3 ft dist and raise mound of earth 3 1/2 ft base 1 1/2 ft high W. of cor. Leave rolling land bears E and W. Ascend steep rocky S. slope over stony mountainous land bears E and W

80.00 Set a malapai stone 18x14x12 ins. 12 ins in the ground for cor. of secs 27-28-33 and 34, mhd. 3 notches on E and 1 notch on S. edge. Raise a mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable. Land rolling and mountainous
 Soil sandy and stony 3rd and 4th rate
 No timber
 Mountainous land 4.00 chs.

40.00 Cast on a random line bet. secs 27 and 34
 Set temp 1/4 sec cor.

80.20 Intersect N and S line 3 lks N of the cor of secs 26-27-34 and 35, hereinbefore described
 Thence I run N. 89° 59' W. on a true line bet secs 27 and 34
 Over rolling sandy land through sage and greasewood brush 3 ft high.

1.06 Road bears N.E. and S.W. Leads from Winslow Ariz to Polacca Ariz.

11.00 Leave rolling land bears N.E. and S.W. ascend over stony mountainous land bears N.E. and S.W.

37.50 Foot of perpendicular sand-stone cliff 40 ft high. ascend

38.00 Top of cliff bears N.E. and S.W.

Behains

Ascend steeply over S. E. slope.
 40.10 Saha malapai stone 12x10x6 ins. 8 ins. in the ground. for $\frac{1}{4}$ sec. cor., mk'd $\frac{1}{4}$ on N. face
 Raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. - Pits impracticable.

59.25 Descend sandstone Cliffs 50 ft. high - base N.W. and S.E.

59.61 Top of Cliffs base N.W. and S.E. descend abruptly

80.20 The cor. of secs. 27 28. 33 and 34, ^{hereinbefore} described.

Land rolling and mountainous.
 Soil sandy and stony 3rd and 4th rate
 No timber.
 Mountainous land 6920 chs.

N^o 02 W beh secs. 27 and 28.

Ascend abruptly rocky S. slope of mountain peak over Cliffs and ledges.

3.50 Cliff 40 ft. high base E and W.

15.00 Top of spur base N.E. and S.W. desc.

17.00 Dry ravine Course S.W. ascend S.E. slope of spur

36.00 Top of spur base N.E. and S.W. desc. steeply.

39.95 Dry ravine Course S.W. asc. steeply.

40.00 Saha malapai stone 14x12x8 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. mk'd $\frac{1}{4}$ on W. face.

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

59.50 Top of mountain peak 150 ft. above the $\frac{1}{4}$ sec cor. desc N. face of peak. Star Mountain.

62.00 Top of Cliffs base E and W. desc steeply over broken stony ridges and ravines.

80.00 The point for cor. of secs. 21, 22, 27 and 28 falls on a malapai ledge, therefore set a cross (x) on the ledge at exact cor. pt., and set a malapai stone 15x9x8 ins. in a mound of stone over the cross. for corner of secs. 21, 22, 27 and 28. mk'd with 3 notches on E. and 2 notches on S. edges
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.

Land mountainous.
 Soil stony 3rd and 4th rate.
 No timber.
 Mountainous land 8000 chs

BOOK 2580

40.00 S 89° 59' E. on a random line bet. sec. 22 and 27
bet. temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 8 lvs. S. of the cor. of sec.
22, 23, 26 and 27, hereinbefore described,

Thence Drive

S 89° 58' W on a true line bet. sec. 22 and 27

Over stony mountainous land. Slope to the N.
through scattering sage and greasewood brush.

40.05 Set a malapa: stone 15 x 9 x 7 ins. 10 ins. in
the ground for $\frac{1}{4}$ sec. cor. mk'd. $\frac{1}{4}$ on N. face.

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

69.95 Dr. ran in 20 lbs. wide cross N. W. cor.

80.10 Thru cor. of sec. 21, 22, 27 and 28; ^{hereinbefore} described.

Land mountainous.

Soil stony 3rd rate.

No timber.

Mountainous land 8010 chs.

N 0° 2' W. bet. sec. 21 and 22.

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

40.00 Set a malapa: stone 12 x 10 x 9 ins. 8 ins. in the
ground. for $\frac{1}{4}$ sec. cor. mk'd. $\frac{1}{4}$ on W. face.

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

This cor. is situated at foot of descent on N.
side of mountain peak. Thru $\frac{1}{4}$ sec. cor. the
line passes over low rolling sand hills slope to
N.

80.00 Set an Iron post. 3 ft long 2 ins. in diam 24
ins in the ground for ^{reestablished} cor. of sec. 15, 16, 21
and 22. marked on brass cap T 26 N. S 16 in NW.

T 19 E S 15 in NE. S 22 in SE and S 21 in SW.

quadrant.

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. Hilly and Mountainous.

Soil sandy and stony 3rd and 4th rate.
No timber
Mountainous land 4000 chs.

N 89° 58' E on a random line bet. sec. 15 and 22.

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

80.10 Intersect Rand S. line 5 chs S. of the
^{re-established} Cor of sec. 14, 15, 22 and 23, hereinbefore described,

Thence I run, resurveying

S 89° 56' W. on a true line bet. sec. 15 and 22

Ascend gradually over N.E. slope low sand hills through sage brush and bunch grass.

40.05 Set a malapai stone 12 x 8 x 6 ins. 8 ins. in the ground. for ^{re-established} $\frac{1}{4}$ sec. Cor, mkd $\frac{1}{4}$ on N. face.

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

80.10 The ^{re-established} Cor of sec 15, 16, 21 and 22, ^{hereinbefore} described.

Land hilly.

Soil sandy 3rd rate

No timber

NOTE

Clouds obscure the sun at noon on this day rendering an observation for latitude with the solar impossible.

July 7th 1908

July 8th 1908 At 3^h 04^m p.m. l. n. l. - I set off 35° 38' $\frac{1}{2}$ N. on the lat. arc. and 22° 28' N. on the decl arc. and determine a meridian with the solar at the ^{re-established} Cor of sec. 15, 16, 21 and 22 ^{hereinbefore} described

Thence I run, resurveying

N 0° 02' W. bet. sec. 15 and 16.

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

40.00 Set an Iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ^{re-established} $\frac{1}{4}$ sec. cor marked on brass Cap $\frac{1}{4}$ S 16 on W half, and S 15 on E half. Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia. and

Survey & Resurvey of Subdivisions of ^{lines} T₂₆N. R₁₉E.

18 Chains

BOOK 2580

57.20 ^{raise a mound of earth 3 1/2 ft base 1 1/2 ft high W. of cor.} Road from Winslow Ariz to Kearns Canyon Ariz
beats N.E. and S.W.

80.00 Set an iron post 3 ft long 2 ins. in diam.
2 1/2 ins. in the ground for ^{re-established} cor. of sec. 9, 10,
15 and 16 marked on brass cap T₂₆N. S₉ in
N.W. R₁₉E. S₁₀ in N.E. S₁₅ in S.E. and S₁₆
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 Set temp. 1/4 sec. cor.
80.08 Intersect N. and S. line 8 lvs S. of the ^{re-established} cor. of
sec. 10, 11, 14 and 15; hereinbefore described.
Thence Drive, resurveying
S 89° 53' W. on a true line bet. sec. 10 and 15
Over rolling sandy land, through scattering
sage brush and bunch grass.

31.26 Road from Holbrook Ariz to Placea Ariz, beats
NW and SE.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26
ins. in the ground for ^{re-established} 4 cor. marked on
brass cap 1/4 S₁₀ on N. half and S₁₅ on S half.

Dig pits 18x18x12 ins. East 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.

57.37 Road leads from Winslow Ariz to Kearns Canyon
Arizona, beats N.E. and S.W.

80.08 ^{re-established} The cor. of sec. 9, 10, 15 and 16, hereinbefore described.
Land rolling.
Soil sandy 2nd and 3rd rate.
No timber.

July 8th 1908

July 10th 1908: At 8^h 34^m a.m. l.m.t. - Dsch off
35° 39' N. on the lat. arc; 22° 15' N. on the mer.

arc and determine a meridian with the solar at the ^{re-established} cor of secs 9-10-15 and 16 ^{hereinbefore} described
 Thence I run, resurveying,
 N. 0° 02' W. bet secs 9 and 10

Over rolling sandy land through sage and greasewood brush and bunch grass
 40.00 Set an iron post 3 ft long 1 in. in diam 26 ins. in the ground ^{re-established} 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 ^{re-established} for cor of secs 3-4-9 and 10 marked on brass cap T 26 N S 4 in N.W. R. 19 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 rolling
 Soil sandy 3rd rate
 No timber

40.00 N. 89° 53' E. on a random line bet secs 3 and 10
 Set temp $\frac{1}{4}$ sec cor.

80.02 Intersect N and S line 8 lks N. of the ^{re-established} cor of secs 2-3-10 and 11, hereinbefore described,

Thence I run, resurveying

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

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

40.01 Set an iron post 3 ft long 1 in. in diam 26 ins. in the ground ^{re-established} 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 raise a mound of earth 3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high N of cor.

76.79 Road from Stolbrook Arizona to Polacca Arizona bears N.W. and S.E.

BOOK 2580

80.02 The ^{re-established} cov. of secs 3-4-9 and 10, hereinbefore described.
 Land rolling
 Soil sandy 2nd and 3rd rate
 No timber

40.00 N. 0° 02' W. on a random line bet secs 3 and 4
 Set temp 1/4 sec cov.

80.08 Intersect N. bdy of T_p 14 Mes. ^{S 89° 50' E.} of the cov of
 secs 3-4-33 and 34, ^{recently re-established by me &} described in Exterior Book "B"
 Thence I run, resurveying,
 S 0° 08' E. on a true line bet secs 3 and 4
 Descend gently a S slope over rolling sandy
 land through sage and grease wood brush
 and bunch grass.

17.43 Road from Winslow Ariz. to Hears Canyon
 Ariz bears N. 80° E. and S 80° W.

40.08 Set an iron post 3 ft long 1 in. in diam 26 ins
 in the ground ^{re-established} for 1/4 sec. cov. marked on brass cap
 1/4 S 4 on W half. and S 3 on E. half.
 Dig pits 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 cov.

43.90 Road bears N.E. and S.W. Leads from
 Holbrook Ariz to Polacca Ariz.

54.40 Intersect right bank of sand wash bears
 N.E. and S.W. descend into Jetteto Wash.

60.00 Foot of descent in dry bed of sand wash 40 ft
 deep course S.W. asc. left bank.

62.00 Top of left bank bears N.E. and S.W. thence
 over rolling land bears N.E. and S.W.

63.77 Road from Holbrook Ariz to Polacca Ariz.
 bears N.W. and S.E.

80.08 The ^{re-established} cov. of secs 3-4-9 and 10, hereinbefore described.
 Land rolling
 Soil sandy 2nd and 3rd rate
 No timber

July 10th 1908

July 8th 1908 At 7^h 04^m a.m. l.m.t. I
 set off 35° 36' N. on the lat. arc. 23° 30' N on
 the decl. arc. and determining a meridian

	with the solar at the cor. of secs 4-5-32 and 33 on the S. bdy of the Tp, ^{recently estab. by me &} described in Exterior Book "B"
	Thence I run N. 0° 03' W. bet secs 32 and 33 Over level sandy bottom land through heavy sage and greasewood brush 3 ft high Dry sand wash 75 lks. wide 5 ft deep course West.
35.53	
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 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 diam 24 ins. in the ground for cor. of secs 28-29 32 and 33 marked on brass cap T 26 N S 29 in N.W. R. 19 E. S 28 in N.E. S 33 in S.E. and S 32 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 2 nd and 3 rd rate No timber
40.00	East on a random line bet secs 28 and 33 Set temp $\frac{1}{4}$ sec. cor.
80.04	Intersect N and S line at the cor of secs 27-28-33 and 34, hereinbefore described, Thence I run West on a true line bet secs 28 and 33 Descend West slope of spur of "Star Mountain" over mountainous land, through scattering sage brush Dry ravine course S. ascend steep E slope of spur.
19.65	
21.35	Top of spur 50 ft. above bottom of ravine bears N.E. and S.W. desc. steep W. slope
25.20	Foot of descent. leave mountainous land

BOOK 2580

bears N.W. and S.E. enter level bottom land
 bears N.W. and S.E.
 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 28 on N half and S 33 on
 S half.
 Dig pits 18x18x12 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 N of cor.
 80.04 The cor. of secs 28-29-32 and 33, ^{hereinbefore} described.
 Land mountainous and level
 Soil sandy and stony 3rd rate
 No timber
 Mountainous land 25.20 chs.

N. 0°03' W. bet. secs. 28 and 29
 Over rolling sandy bottom land through
 sage and greasewood brush 3 ft high.
 10.00 Leave bottom land bears N.W. and S.E. asc.
 S.W. slope of low foot hills at the base
 of "Star Mountain"
 22.00 Top of 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
 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
 dist. and raise a mound of earth 3 $\frac{1}{2}$ ft
 base 1 $\frac{1}{2}$ ft high W of cor.
 51.00 Dry ravine course S.W. asc.
 60.00 Top of ridge bears N.E. and S.W. desc.
 73.00 Dry ravine course S.W. asc.
 80.00 Set an iron post 3 ft long 2 ins in diam
 24 ins in the ground for cor of secs 20-21-
 28 and 29 marked on brass cap T 26 N S 20
 in N.W. R 19 E S 21 in N.E. S 28 in S.E. and
 S. 29 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 and hilly.
 Soil sandy and stony 2nd and 3rd rate.
 No timber.

40.00 East on a random line bet. sees. 21 and 28.
 80.24 Set temp. $\frac{1}{4}$ sec. cor.
 Intersects N. and S. line 5 lvs. N. of the cor.
 of sees. 21, 22, 27 and 28., hereinbefore described,
 Thence Drun.

N 89° 58' W. on a true line bet. sees. 21 and 28
 around N.E. slope of spur over stony mountainous
 land.

1.75- Slope of spur toward N.W. and S.E. desc. steeply.
 5.55- Dry ravine Course N.W. asc.
 7.00- Slope of spur toward N.W. and S.E. desc.
 17.35- Dry ravine Course N.W. asc.
 20.00- Slope of spur toward N.W. and S.E. desc.
 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 21 on N. half and S 28
 on S half.

Raised mound of stones 2 ft. base 1 1/2 ft. high
 N. of cor. Pile impracticable

59.00 Dry ravine Course S.W. asc.
 60.00 Slope of spur toward N.E. and S.W. desc.
 62.00 Dry ravine Course S.W. asc. sand stone bluffs toward N. and S.W.
 69.25- Slope of bluffs toward N.E. and S.W. desc. over stony
 land.

74.00 Point of ridge toward N.E. and S.W.
 80.24 The Cor. of sees. 20, 21, 28 and 29, hereinbefore described.
 Land mountainous.
 Soil stony 3rd and 4th rate.
 No timber.
 Mountainous land 80.24 cks.

N 0° 03' W. bet. sees 20 and 21.

Over broken hilly sandy and stony land through
 scattering sage and greasewood brush.

26.62 Road toward N.E. and S.W. leads from timber

BOOK 2580

40.00 Arizona to Grand Canyon Ariz
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 W W half, and S 21 on E half.

Dig pits 18x18x12 ins. N and S. of post. 3 ft. dia. and raised mound of earth 3 $\frac{1}{2}$ ft. long 1 $\frac{1}{2}$ ft. high W of cor.

58.00 Leave hilly land head N.E. and S.W. enter rolling valley land head N.E. and S.W.

58.35 Road head N.E. and S.W. leads from Winslow Ariz to Grand Canyon Ariz.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for ^{re-established} cor. of sec. 16, 17, 20 and 21 marked on brass cap T₂₆N, S₁₇ in N.W. T₁₉E S₁₆ in N.E. S₂₁ in S.E. and S₂₀ in S.W. quadrant

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dia. and raised mound of earth 4 ft. long 2 ft. high W of cor.

Road hilly and rolling.
Soil sandy and stony 2nd and 3rd rate.
No timber

NOTE At this cor. I set off 22° 28' 2" N. on the decl. arc and at 12^h 05^m p.m. L.M.T. July 8th 1908 observed the Sun on the meridian and obtained on the lat. arc a reading of 35° 38' 2" N. for the lat. of this place.

40.00 S 89° 58' E on a random line bet. sec. 16 and 21 Set temp. $\frac{1}{4}$ Sec. cor.

80.20 Intersect N and S. line 3 lvs. S of ^{re-established} cor. of sec. 15, 16, 21 and 22, hereinbefore described, Thence I run, resurveying,

N 89° 59' W. on a true line bet. sec. 16 and 21

Over rolling sandy land at foot of "Star Mountain"

40.10 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ^{re-established} $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 16 on N. half and S 21 on S half.

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

- 43.05 ditch and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
Road bears N.E. and S.W. leads from Winslow Arizona to Keams Canyon Ariz.
- 71.40 Road bears N.E. and S.W. leads from Winslow Arizona to Keams Canyon Ariz.
- 80.20 ^{Or established} The cor. of sec. 16, 17, 20, and 21, hereinbefore described. Land rolling. Soil sandy 3rd and 2nd rate. No timber.

July 8th 1908

- July 9th 1908 At 5^h 05^m p.m. l.m.l. Dub off 35° 38 1/2' N. from the lat. arc. 22° 21' N. on the decl. arc. and determine a meridian with the ^{re-established} idea at the cor. of sec. 16, 17, 20 and 21, hereinbefore described, Thence run, resurveying N 0° 03' W. to sec. 16 and 17. Over level sandy land through sage and greasewood brush and bunch grass.
- 29.53 Road bears N.E. and S.W. leads from Winslow Ariz to Keams Canyon Ariz.
- 40.00 Set an iron post 3 ft. long 1 in. in diam, 26 ins. in the ground for ^{re-established} sec. cor. marked on brass cap 1/4 S 17 on W. half and S 16 on E half.

- 80.00 Dig pits 18x18x12 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. Set an iron post 3 ft. long 2 ins. in diam, 24 ins. in the ground for ^{re-established} cor. of sec 8, 9, 16 and 17 marked on brass cap T 26 N S 8 in N.W. R 19 E S 9 in N.E. S 16 in S.E. and S 17 in S.W. quadrant.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. diam. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land rolling and level. Soil sandy 2nd and 3rd rate. No timber.

July 9th 1908

BOOK 2580

July 10th 1908. At 8^h 05^m a.m. line & set off 35° 39' N.
 on the lat arc. 22° 15' N. on the decl. arc and determine
 a meridian with the solar at the ^{re-established} Cor. of sec. 8
 9. 16. and 17; hereinbefore described,

Thence Drive, resurveying,

S 89° 59' E on a random line bet. sec. 9 and 16.

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

80.12 Intersect N and S. line at the ^{re-established} Cor. of sec. 9. 10.
 15 and 16; hereinbefore described,

Thence Drive

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

Over rolling sandy land covered with sage brush
 and bunch grass.

40.06 Set an iron post 3 ft. long 1 in. in diam. 26 ins.
 in the ground for ^{re-established} $\frac{1}{4}$ sec. cor. marked on brass
 cap $\frac{1}{4}$ 59 on N. half and S 16 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 in each.

50.15 Road from N.E. and S.W. leads from Winslow
 Arizona to Kaans Canyon Arizona

80.12 The ^{re-established} Cor. of sec. 8. 9. 16 and 17; hereinbefore described.
 Land rolling.

Soil sandy 2nd and 3rd rate.

No timber.

N 0° 03' W. bet. sec. 8 and 9, resurveying

Over rolling sandy land. Covered with sage brush
 and bunch grass

8.00 Intersect left bank of dry sand wash. from
 N.E. and S.W. descend steeply into wash called

11.00 Mouth of descent in bottom of sand wash 50 ft.
 below top of bank. Course S.W. asc. right bank

14.50 Top of right bank bears N.E. and S.W. thence
 over low rolling sand hills bear N.E. and S.W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins.
 in the ground for ^{re-established} $\frac{1}{4}$ sec. cor. marked on brass
 cap $\frac{1}{4}$ 58. on W half and S 9 on E half.

Dig pits 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.
 44.00 Top of sand ridge 20 ft high bears N.E. and S.W. desc.
 51.00 Foot of descent. leave hilly land bears N.E. and S.W. enter rolling land 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 ^{re-established} 1/4 cor of secs. 4-5-8 and 9 marked on brass cap T 26 N 55 in N.W. R. 19 E. S 4 in N.E. S 9 in S.E., and S 8 in S.W. 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 rolling and hilly
 Soil sandy 2nd and 3rd rate
 No timber

40.00 S. 89° 59' E. on a random line bet. secs 4 and 9
 Set temp 1/4 sec. cor.
 80.12 Intersect N and S line 16 lks N of ^{re-established} 1/4 cor of secs 3-4-9 and 10, hereinbefore described,
 Thence I run, resurveying,
 N. 89° 52' W. on a true line bet. secs. 4 and 9
 Over level bottom land through sage and greasewood brush and bunch grass.
 34.60 Intersect left bank of dry sand wash bears N.E. and S.W. descend abruptly ^{called Jetteto Wash} into wash,
 37.90 Bottom of sand wash 40 ft. below top of bank course S.W. ascend right bank
 40.06 Set an iron post 3 ft long 1 in. in diam 26 ins. in the ground for ^{re-established} 1/4 sec cor. marked on brass cap 1/4 S 4 on N half and S 9 on S. half.
 Dig pits 18x18x12 ins E and 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.
 42.20 Top of left bank of sand wash bears N.E. and S.W. thence over rolling land
 80.12 ^{re-established} 1/4 cor of secs 4-5-8 and 9, hereinbefore described.
 Land level and rolling
 Soil sandy 2nd and 3rd rate

BOOK 2580

No timber

- 40.00 Set temp $\frac{1}{4}$ sec cov.
- 80.10 Intersect N. bdy of Twp 28 lks. $S. 89^{\circ} 59' E$ of the cov of
 secs. 4-5-32 and 33, recently re-established by me & described in Exterior Book "B"
 Thence I run, resurveying,
 $S. 0^{\circ} 15' E$, on a true line bet secs 4 and 5
 Over rolling sandy land through sage brush and
 greasewood brush and bunch grass
- 40.10 Set an iron post 3 ft long 1 in in diam 26 ins.
 in the ground for $\frac{1}{4}$ sec. cov. marked on brass
 cap $\frac{1}{4}$ & 5 on W half and 25 4 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 cov.
- 72.10 Road from Winslow Ariz. to Stearns Canyon
 Ariz. bears N.E. and S.W.
- 80.10 ^{reestablished} The cov. of secs. 4-5-8 and 9, hereinbefore described.
 Land rolling
 Soil sandy 2nd and 3rd rate
 No timber

July 10th 1908

- July 9th 1908 At 7^h 05^m a.m. l.m.t. I set off $35^{\circ} 36'$
 N. on the lat. arc $22^{\circ} 33\frac{1}{2}' N$. on the decl arc and
 determining a meridian with the solar at the cov.
 of secs. 5-6-31 and 32 on the S. bdy of Twp. recently
 established by me & described
 in Exterior Book "B"
 Thence I run
 $N. 0^{\circ} 03' W$. bet secs 31 and 32
- 40.00 Ascend gradually S.E. slope over low sand and
 adobe ridges, covered with sage brush and bunch-grass.
 Set a malapai stone 12x9x7 ins 8 ins in the
 ground for $\frac{1}{4}$ sec. cov. marked $\frac{1}{4}$ on W. face.
 Dig pits 18x18x12 ins N and S of stone 3 ft dist and
 raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high W of cov.
- 80.00 Set a malapai stone 14x12x7 ins. 10 ins in the
 ground for cov of secs 29-30-31 and 32 - marked with
 5 notches on E and 1 notch on S edge.
 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 cov.
 Land hilly

Soil sandy and adobe 3rd rate;
 No timber.

40.00 East on a Random line bet. sec. 29 and 32
 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line 12 lks S. of the cor. of sec.
 28, 29, 32 and 33, hereinbefore described,

Thence I run

S 89° 55' W. on a true line bet. sec. 29 and 32.

Over rolling land covered with sage brush and bunch
 grass.

40.04 Set a malapui stone 14x10x6 ins. 10 ins. in the
 ground for $\frac{1}{4}$ sec. cor. mark. $\frac{1}{4}$ on N. face.

Dig pits 18x18x12 ins E and W. of stone 3 ft. dia.,
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$
 ft. high N. of cor.

42.80 Road bears N and E. leads from Willow Arizona
 to Keanis Canyon Arizona,

80.08 The cor. of sec. 29, 30, 31 and 32, hereinbefore described.

Land rolling.

Soil sandy 3rd rate.

No timber.

40.00 West on a random line bet. sec. 30 and 31
 Set temp. $\frac{1}{4}$ sec. cor.

79.65 Intersect W. bdy. of T₃₁ 3 lks N. of the cor. of sec.
 25, 30, 31 and 36, recently estab. by me & described in Exterior
 Book "A"

Thence I run

N 89° 59' E on a true line bet. sec. 30 and 31

Over low rolling sand hills at the foot of Mountain
 through sage and greasewood brush 2 ft. high.

39.65 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.

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.

79.65 The cor. of sec. 29, 30, 31 and 32, hereinbefore described.

Land rolling.

Soil sandy 3rd rate.
No timber.

N⁰° 03' W. bet. sec. 29 and 30

Ascend S.E. slope over low rolling sand hills at foot of Malapai mountain peak through sage brush.

40.00 Set a malapai stone 12x9x8 ins., 8 ins. in the ground for $\frac{1}{4}$ sec. cor. mid. $\frac{1}{4}$ on W. face.

Dig pits 18x18x12 ins. N. and S. of stone 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 T₂₆ N S₁₉ in N.W. R₁₉ E S₂₀ in N.E. S₂₉ in S.E. and S₃₀ 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. This cor. is situated at the foot of high Malapai peak on the east side.

Land hilly.

Soil sandy 3rd rate.

No timber.

N⁸⁹° 55' E on a random line bet. sec. 20 and 29.

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

80.02 Intersect N and S. line 5 lks S. of the cor. of sec. 20, 21, 28 and 29, hereinbefore described,

Thence run

S⁸⁹° 53' W. on a true line bet. sec. 20 and 29

Descend W slope over low rolling sand hills through sage and greasewood brush and bunch grass.

17.00 Foot of descent, leave hilly land toward N.E. and S.W. enter rolling land bet. N.E. and S.W.

23.86 Road bears N and S. leads from Winslow Ariz to Keams Canyon Arizona.

38.00 Road bears N.E. and S.W. leads from Winslow to Keams Canyon Arizona

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. $\frac{1}{4}$ S₂₀ on N. half and S₂₉ on S. half.

72.00 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 N of cov.
 Leave rolling land bears N.W. and S.E.
 Ascend E. slope over hilly land bears N.W. and S.E.

80.02 The cov. of secs. 19-20-29 and 30, hereinbefore described.
 Land rolling and hilly.
 Soil sandy 3rd rate.
 No timber.

NOTE. At this cov. I set off 22° 21 1/2' N on the decl. arc and at 12^h 05^m p. m. l.m.t. observe the sun on the meridian, the resulting latitude being 35° 37 1/2' N

40.00 S. 89° 59' W. on a random line bet. secs. 19 and 30
 Set temp 1/4 sec. cov.

79.55 Intersect W. l. dry. of Twp. 5 lks. S. of the cov. of secs. 19-24-25 and 30, ^{recently established by me &} described in Exterior Book "A";
 Thence I run
 - S. 89° 59' E. on a true line bet. secs. 19 and 30
 Ascend abruptly over rocky W. slope of malapai peak over mountainous land through scattering sage brush

22.50 Top of Mountain 300 ft above cov. bears N.W. and S.E. thence along top of Mountain.

39.55 Set a malapai stone 28x12x12 ins. 22 ins. in the ground for 1/4 sec. cov. mkd. 1/4 on N. face
 Raise a mound of stone 2 ft base 1 1/2 ft high N of cov. Pits impracticable.

41.50 Begin abrupt descent over rocky N.E. slope of Peak

60.50 Foot of abrupt descent leave mountainous land bears N.W. and S.E. Enter hilly land bears N.W. and S.E.

79.55 The cov. of secs. 19-20-29 and 30, ^{hereinbefore} described.
 Land mountainous and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber.
 Mountainous land 60.50 chs.

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N. 0° 03' W. bet. secs. 19 and 20
 Descend N.E. slope over hilly sandy land
 through sage and greasewood brush and
 bunch grass
 28.00 Foot of descent, leave hilly land bears N.W.
 and S.E. enter rolling land 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 19 on W half and S. 20 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.
 72.75 Intersect left bank of dry sand wash bears
 N.E. and S.W. descend abruptly ^{called Jetteto Wash} into wash
 76.00 Foot of descent in dry bed of sand wash
 40 ft below top of bank course S.W. Ascend st. bank
 80.00 Top of right bank bears N.E. and S.W. 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 26 N. S. 18 in N.W. R. 19 E. S 17 in N.E.
 S. 20 in S.E. and S 19 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 hilly, rolling and broken.
 Soil sandy 2nd and 3rd rates.
 No timber.

N. 89° 53' E. on a random line bet. secs. 17 and 20.
 40.00 Set temp $\frac{1}{4}$ sec cor.
 80.00 Intersect N and S. line 8 ths $\frac{1}{4}$ of the ^{re-established} cor
 of secs. 16-17-20 and 21, hereinbefore described,
 Thence I run
 S. 89° 56' W. on a true line bet. secs. 17 and 20
 Over rolling land through sage and greasewood
 brush and bunch grass.
 11.83 Road bears N.E. and S.W. leads to Winslow Ariz.
 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 17 on N half and S. 20 on S half.
 Dig pits 18x18x12 ins E and W. of post 3 ft dist and
 raise mound of earth 3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high N. of cor.

73.50 Left bank of Jetteto Wash bears N. E. and S. W. desc.
 75.80 Foot of descent in bed of sand wash 40 ft. below
 top of bank. course S. W. acc. right bank
 80.00 The cor. of secs. 17-18-19 and 20, ^{hereinbefore} described.
 Land rolling and broken.
 Soil sandy 2nd, and 3rd rate.
 No timber,

40.00 N. 89° 59' W. on a random line bet. secs. 18 and 19
 Set temp. 1/4 sec. cor.

79.65 Intersect N. body of Twp. 10 lbs. N. of the cor. of
 secs. 13-18-19 and 24, ^{recently established by me &} described in Exterior Book "A"

Thence I run

N. 89° 57' E. on a true line bet. secs. 18 and 19
 Over rolling sandy land through sage and
 greasewood brush and bunch grass.

39.65 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. 18 on N. half and S. 19 on S. half.
 Dig pits 18x18x12 ins. E. and 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.

79.65 The cor. of secs. 17-18-19 and 20, ^{hereinbefore} described.
 Land rolling,
 Soil sandy 3rd rate,
 No timber.

July 9th 1908

July 10 1908. At 7^h 05^m a.m. l.m.t. set off 35° 38' N on lat. arc, 22° 16' N. on
 decl. arc and determine a meridian with the solar at Cor. Secs. 17, 18, 19 and 20 Thence I run

N. 0° 03' W. bet. secs. 17 and 18
 Ascend gently rolling slope low sand hills
 through sage and greasewood brush 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. 18 on N. half
 and S. 17 on E. half.

Dig pits 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 N. of cor.

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80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cov. of secs. 7-8-17 and 18 marked on brass cap T. 26 N.S. 7 in N.W. R. 19E. S. 8 in N.E. S. 17 in S.E. and S. 18 in S.W. quadrant.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 7 ft. base 2 ft. high N. of cov.
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

40.00 N. 89° 56' E. on a random line bet. secs. 8 and 17 Set temp. 1/4 sec. cov.

80.02 Intersect N and S. line 12 lks. S. of ^{pre-established} the cov. of secs. 8-9-16 and 17, hereinbefore described,

Thence I run

S. 89° 57' W. on a true line bet. secs. 8 and 17 Over rolling sandy land through sage and grease wood brush and bunch grass

6.75 Intersect left bank of dry sand wash bears N.E. and S.W. desc. into wash called Jetteto Wash.

8.50 Foot of descent in bed of sand wash course S. 85° W.

20.00 Leave bed of sand wash ascend right bank.

21.65 Top of bank bears N.E. and S.W. thence over low hills

40.01 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 1/4 S. 8 on N. half and S. 17 on S. half.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cov.

80.02 The cov. of secs 7-8-17 and 18, hereinbefore described.

Land hilly and broken.

Soil sandy 2nd and 3rd rate.

No timber.

40.00 S. 89° 57' W. on a random line bet. secs. 7 and 18 Set temp. 1/4 sec. cov.

79.57 Intersect W. body of Tp. 12 lks. N. of the cov. ^{recently established by me &} of. secs. 7-12-13 and 18, described in Exterior Book "A"

Thence Draw
 N 89° 52' E. on a true line bet. sec. 7 and 18
 Over low sand ridges. through sage and greasewood brush and bunch grass.

39.57 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 7 on N. half and S 8 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.

40.42 Road bears N.E. and S.W. leads from Winslow Ariz to Keams Canyon Arizona.

68.50 Depression bears N.W. and S.E. ascend sand ridge.

71.50 Slope of sand ridges bears N.W. and S.E. desc.

79.57 The Cor. of sec. 7, 8, 17 and 18, hereinbefore described
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

N 0° 03' W bet. sec. 7 and 8.
 Ascend S slope over low rolling sand hills.

25.20 Road bears N.E. and S.W. leads from Winslow to Keams Canyon 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 7 on W. half. and S 8 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 ^{re-established} Cor. of sec. 5, 6, 7 and 8. marked on brass cap T 26 N. S 6 in N.W. R 19 E. S 5 in N.E. S 8 in S.E. and S 7 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 hilly

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Soil sandy 3rd rate.
No timber.

40.00 $N 89^{\circ} 51' E$ on a random line bet. sec. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N and S. line 3 lks. S of the ^{re-established} cor. of sec. 4
5, 8 and 9, hereinbefore described,
Thence I run, resurveying

11.65 $S 89^{\circ} 50' W$ on a true line bet. sec. 5 and 8
Over rolling sandy land covered with bunch grass.
Road bears N.E. and S.W. leads from Willow
Arizona to Keams Canyon Ariz.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26
ins. in the ground for ^{re-established} $\frac{1}{4}$ sec. cor. marked on brass
cap $\frac{1}{4}$ S 5 on N. half and 38 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.

47.00 Bears rolling land bears N.E. and S.W. enter
hilly land bears N.E. and S.W.

80.08 ^{re-established} The cor. of sec. 5, 6, 7 and 8, hereinbefore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber.

40.00 $S 89^{\circ} 52' W$ on a random line bet. sec. 6 and 7,
Set temp. $\frac{1}{4}$ sec. cor.

79.46 Intersect W bdy of Twp. 5 lks S. of the cor. of sec.
1, 6, 7 and 12, recently estab. by me & described in Exterior Book "A"
Thence I run

$N 89^{\circ} 54' E$ on a true line bet. sec. 6 and 7.
Over low rolling sand hills, through sage
and greasewood bush 2 ft. high.

39.46 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 6 on N. half and 37 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 $\frac{1}{2}$

Chains

79.46 In high N. of Cor.
 The ^{pre-established} Cor. of sec. 5, 6, 7, and 8, hereinbefore described.
 Land hilly
 Soil sandy 3rd rate.
 No timber.

40.00 N 0° 03' W on a random line bet. sec. 5 & 6.
 Set temp. 1/4 sec. Cor.
 80.18 Intusech N. bdy. of T₁₈ N. R₁₉ E. the Cor. of
 sec. 5, 6, 31 and 32; ^{recently re-established by me &} described in Exterior Book "B,"
 Thence Iron, resurveying,
 S 0° 11' E on a true line bet. sec. 5 and 6.
 Descend S.E. slope over hilly sandy land
 through sage and greasewood brush and
 bunch grass.

40.18 Set an iron post 3 ft long 1 in. in diam. 26
 ins in the ground ^{re-established} for ^{1/4} sec. Cor. marked
 on brass cap 4 S 6 on W. half and 5 5 on
 E. half.

80.18 Dig pits 18x18x12 ins. N. and S. of post 3 ft.
 deep and raise a mound of earth 3 1/2 ft.
 base 1 1/2 ft. high. W. of Cor.
 The ^{pre-established} Cor. of sec. 5, 6, 7 and 8, hereinbefore described.
 Land hilly.
 Soil sandy 3rd rate.
 No timber.

NOTE At the ^{re-established} 1/4 sec cor bet. sec 4 and 9. I set off. 22° 14' N.
 on the decl arc. and at 12^h 05^m pm on this date
 observed the sun on the meridian and obtain on
 the lat. arc. a reading of 35° 40' N. which
 is about the proper latitude of this place.

July 10th 1908

General Description

The land in this township consists principally
 of rolling sand hills. the soil ranging from
 2nd to 4th rate.
 Nearly the entire township is covered with

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an abundant growth of nutritious grasses which furnished excellent pasture for numerous bands of sheep and horses.

There is very little land if any in the township which could be farmed without irrigation.

There is no timber or mineral of any kind to be found in the township and no water except in tanks constructed by the Navajo Indians to catch and store water during the rainy season.

There are no settlers in the township.

July 10th 1908.

Sidney E. Blouh
U.S. Examiner of Surveys

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. Blout

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 ^{and resurvey} of the Subdivision Lines

of Twp. No. 26 N. R. 19 E. of the Gila and Salt River Base and Meridian in the Territory of Arizona

showing the respective capacities in which they acted:

- And L. Warner and Van K. White ^{Surveyor} Compassman
Chainman
- Ralph P. Westlund and Walter A. Suffer Chainman
Chainman
- Henry Jennings Moundman
Moundman
- Nancy J. Stahler Moundman
Moundman
- Charles A. Dutton Arman
Arman
- Delix Manning Flagman
Flagman
- Robt E. Colaborne Flagman
Flagman

FINAL OATH OF ASSISTANTS

We hereby certify that we assisted Sidney E. Blout

Examiner of Surveys

United States Deputy Surveyor in surveying ~~and~~

~~resurveying all~~ those parts or portions of the Subdivision Lines of

Township 26 North, Range 19 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 ^{& resurveyed} by him and under his direction; and that said survey

~~has been~~ ^{resurveyed} 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 Commissioner of the
General Land Office

-, Chainman.
-, Chainman.
-, Moundman.
-, Moundman.
-, Arman.
-, Arman.
-, Flagman.

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



U.S. Examiner of Surveys

BOOK 2580

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney F. Blout, ~~United States Deputy Surveyor~~, ^{Examiner of Surveys}, do solemnly swear that, in pursuance of ~~a contract~~ ^{Special Instructions} received from the Commissioner of the ~~United States Surveyor General Land Office~~, bearing date of the 2nd day of Oct. 1907 and 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 ~~United States Surveyor General Land Office~~ ^{Commissioner of the}, the Manual of Surveying Instructions, and the laws of the United States, surveyed ~~all those parts or portions of~~ ^{& resurveyed} the Subdivision lines of Township 26 North, Range 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 ~~by me~~ ^{& resurveyed}, and under my direction; and I do further solemnly swear that all the corners of said survey ~~have~~ ^{& resurvey} been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~United States Surveyor General Land Office~~ ^{Commissioner of the} and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

See Subdivisional Book "I"

Subscribed by said Sidney F. Blout, and sworn to before me }
this _____ day of _____, 190_____ }
~~United States Deputy Surveyor.~~
~~Examiner of Surveys.~~



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25, 1904

The foregoing field notes of the survey and resurvey of the Subdivision lines of Township 26 North, Range 19 East of the Gila and Salt River Base and Meridian, Arizona

executed by Sidney F. Blout, U.S. Examiner of Surveys under ~~his contract No.~~ ^{Special Instructions from the Commissioner of the General Land Office}, dated Oct. 2, 1907 & May 15, 1908, ~~190~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ ^{& resurveys} 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.~~