

Subdivisional  
BOOK J

BOOK 2589

FIELD NOTES

BOOK 2588

OF THE SURVEY OF THE

Subdivision Lines of Township

No 26 North, Range No 16 East

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED  
AS SURVEYED BY

Sidney E. Blunt, United States <sup>Examiner of Surveys</sup> Deputy Surveyor,

Special Instructions from Commissioner of the General Land Office  
Under ~~his~~ Contract No. \_\_\_\_\_, dated October 2<sup>nd</sup> 1907 and May 15<sup>th</sup> 1908

Survey commenced November 6<sup>th</sup>, 1908

Survey completed November 19<sup>th</sup>, 1908

BOOK 2588 NAMES AND DUTIES OF ASSISTANTS.

BOOK 2588

Van L. White

Compassman

Ralph D. Westlund

Chairman

Jay E. Jellich

Chairman

R. E. Celabone

Flagman

H. L. Ray

Flagman

Charles L. Shumway

Moundman

Fred L. Warner

Moundman

16

BOOK 2588

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RESURV.

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EXTERIOR BOOK "K"

EXT. BK. "G"

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, Ralph T. Westrand and Jay E. Jellier  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of The Subdivision Lines of Township N° 26 North, Range N° 16 East, of the G. & S. R. B. & M. Arizona.

Ralph T. Westrand, Chainman Jay E. Jellier, Chainman.  
Subscribed and sworn to before me this 5<sup>th</sup>  
day of November, 1908



Sidney E. Blount  
U.S. Examiner of Surveys

WE, Charles L. Shumway and Fred L. Warner  
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 The Subdivision Lines of Township N° 26 North, Range N° 16 East, of the G. & S. R. B. & M. Arizona.

Subscribed and sworn to before me this 5<sup>th</sup>  
day of November, 1908



Charles L. Shumway, Moundman.  
Fred L. Warner, Moundman.

Sidney E. Blount  
U.S. Examiner of Surveys

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 \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190\_\_\_\_\_



We Robt. E. Claiborne and Harry Lake May, do solemnly swear that ~~we~~ <sup>we</sup> will well and truly perform the duties of flagmen according to instructions given ~~us~~ <sup>us</sup>, to the best of ~~our~~ <sup>our</sup> skill and ability, in the survey of The Subdivision Lines of Township N° 26 North, Range N° 16 East, of the G. & S. R. B. & M. Arizona.

Subscribed and sworn to before me this 5<sup>th</sup>  
day of November, 1908



Sidney E. Blount  
U.S. Examiner of Surveys

Calculus

Survey Commenced November 6<sup>th</sup> 1908 and executed with a W and L. E. Gurley engineers transit with solar attachment, the horizontal limb is provided with one double vision reading to single minutes of arc. The verniers of the latitude and declination arcs read to 30" of arc.

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 am. and p.m. hours with a meridian determined by observations on Polaris I proceed as follows.

At the Cor of sec. 4, 5, 32 and 33 on the south boundary of Twp. 26 N. R 16 E, <sup>recently estab. by me</sup> and described in Exterior Book "K", Latitude  $35^{\circ} 36' 11''$  Longitude  $110^{\circ} 39' W$  Det off  $35^{\circ} 36' N.$  on the latitude arc  $16^{\circ} 03' S.$  on the decl. arc and at 4<sup>h</sup> 00<sup>m</sup> p.m. limb determine a meridian with the solar and mark a point thereof by a nail driven in a plug set in the ground 5 Ch. N. of the Cor.

At 5<sup>h</sup> 09<sup>m</sup> p.m. limb by my watch which is correct local mean time 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 Ch. N. of my instrument.

Astronomical time of observation 1908 Nov 6	5 <sup>h</sup> 09 <sup>m</sup>
Equivalent to time of Nov. 5 <sup>th</sup>	29 09

Astron. time U.C. Polaris Nov 1 <sup>st</sup> (Table V Part I)	10 <sup>h</sup> 43 <sup>m</sup>
Reduction to Nov. 5 <sup>th</sup> Part II Subtract	15.7
Astron time U.C. Polaris Nov 5	10 28 <sup>0</sup> Subtract 10 28 <sup>h</sup>
Hour angle Polaris at Observation	18 41
Subtract from	23 56.1
True Argument for Table VII	5-15
Zenith of Polaris at Observation	1 <sup>o</sup> 25 <sup>1</sup> / <sub>2</sub> E.

November 6<sup>th</sup> 1908

November 7<sup>th</sup> 1908 At 7<sup>h</sup> 30<sup>m</sup> am, <sup>l.m.t.</sup> I lay of the

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Azimuth of Polaris  $1^{\circ} 25\frac{1}{2}'$  to the west, and mark the meridian thus determined, by a nail driven in the stake set last evening on which the meridian falls 0.25 ins east of the point determined by the solar. Oct 7<sup>th</sup> 44<sup>th</sup> a.m. Lmt. D set off.  $35^{\circ} 36'$  N. on the lat. arc.,  $16^{\circ} 12' 3''$  on the decl. arc. and determine a meridian with the solar and mark a point in the direction thus determined by a nail driven in the stake already set 5 ch. N. of my instrument. This point falls 0.5 ins east of the point determined by the Polaris observation.

The solar apparatus by p.m. and a.m. observations defined positions for meridians respectively about 0' 13" west and 0' 26" east of the meridian established by the Polaris observation; therefore I conclude that the adjustments are satisfactory.

Nov 7<sup>th</sup> 1908 Oct 8<sup>th</sup> 45<sup>th</sup> a.m. Lmt D set off.  $35^{\circ} 36'$  N. on the lat. arc.  $16^{\circ} 16' 3''$  on the decl. arc. and determine a meridian with the solar at the Cor. of Secs. 1, 2, 35 and 36 on the S. side of the tp.

Thened I run

Or  $0^{\circ} 01' W$ . Feb. sec 35 and 36.

Even level sandy land. Covered with sage and greasewood.

brush and scattering bunch grass

31.50 Level level land bears N.E. and S.W. Center broken hilly land bears N.E. and S.W. elev. over N.W. 1/4.

40.00 Set an iron post 3 ft long 1 in. in diam. 26 ins. in the ground for Cor. sec. cov marked on brass cap  $\frac{1}{4}$  335 on W. half and 336 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.

48.00 Dry ravine Course W. and.

~~50.52~~ South edge of sand stone ledge bears N.W. and S.E. 20 ft. high.

62.00 North edge of spur on ledge bears N.W. and S.E.

79.00 South edge of sandstone point bears N.W. and S.E.

80.00 Set an iron post 3 ft long 2 in. in diam. 24 ins. in the ground for Cor of sec. 25, 26, 35 and 36 marked on brass cap. T 26 N. S 26

Chain

in NW. T<sub>16</sub> E S<sub>25</sub> in NE. S<sub>36</sub> in S.E. and S<sub>35</sub> in SW. quadrants.

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

Land level and broken.

Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rates.

No timber.

This cor is on top of a sand stone point from NW and SE.

S<sub>89°41'</sub> E. on a random line bet. sec. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

50.00 Intersect E. ldy. of T<sub>16</sub> S. ldy. S. of the cor. of sec. 25, 30, 31 and 36, and described in Standard Book "A",  
(4th Guide Meridian East)  
Presently established by me

Thence I run

N<sub>89°43'</sub> W on a true line bet. sec. 25 and 36

Descend W. slope over hilly sandy land. Covered with 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. 25 on N. half and S<sub>36</sub> on S half.

Dig pits 18x18x12 ins E and W. of post. 3 ft. dia. and raise cor mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.

48.20 Right bank of ravine course NW. desc.

51.00 Bottom of dry ravine course NW. asc

54.00 Left bank of ravine. Land hilly land toward NW and S.E. entire rolling land slopes to the W. from NW and S.E.

80.00 The cor. of sec. 25, 26, 35 and 36, heretofore described.

Land rolling and hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber.

NOTE At this cor I set off 16°19' S. on the decl. arc and at noon observed the sun on the meridian the resulting latitude being 35°36' 1/2" N.

N<sub>0°01'</sub> W. bet. sec. 25 and 26

Over level sandy land on top of sand stone ridge. through sage brush undergrowth and bunch grass.

3.60 On edge of spur from NW and S.E. level land from NW and S.E. descend NW. slope over broken hilly land into valley along the Polaris W. line.

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40.00 Set an iron post 3ft long 1 in. in diam. 26 ins in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 26 on W half and S 25 on E half.

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

42.00 Proof of descent in valley along the Phreed Wash. Leave hilly land base N.E. and S.W. Enter level adobe bottom land base N.E. and S.W.

80.00 Set an iron post 3 ft long 2 in. in diam. 24 ins. in the ground for cor. of secs. 23 24, 25 and 26. marked on brass cap T<sub>26</sub>N. S 23 in N.W. T<sub>16</sub>E S 24 in N.E. S 25 in S.E. and S 26 in S.W. quadrant.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dirt and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land level and hilly  
Soil sandy and adobe 3<sup>rd</sup> rate.  
No timber.

40.00 S 89° 43' E on a random line bet. sec. 24 and 25 - Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect E. base of T<sub>26</sub>N 5<sup>th</sup> line N. of the cor. of sec. 19, 24, 25 and 30, recently estab. by me & described in Standard Book "A", Thence I run

N 89° 41' W. on a true line bet. sec. 24 and 25 - Over level bottom land through greasewood brush - undergrowth 3ft. high

40.05 Set an iron post 3ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S. 24 on N half. and S 25 on S. half.

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

80.10 The cor. of sec. 23, 24, 25 and 26, heretofore described. Land rolling. Soil sandy 3<sup>rd</sup> rate  
No timber

November 7<sup>th</sup> 1917



November 9<sup>th</sup> 1908  
 On 8<sup>h</sup> 30<sup>m</sup> am. Lun & Dsch off.  
 35° 37 1/2' N. on the lat arc 16° 50 1/2' S on the decl.  
 arc and determine a meridian with the  
 Solar at the cor. of sec. 23, 24, 25 and 26,  
 thence I run hereinbefore described,

N 0° 01' W 1/2 ch. recs 23 and 24

40.00 Over level adobe land through sage and  
 greasewood brush undug with 3 ft. high.  
 Set an iron post 3 ft. long 1 in. in diam.  
 26 ins. in the ground for 4 sec cor marked  
 on base cap 1/4 S 23 on W half and 8 24 on  
 E half.

Dig pits 18x18x12 ins N and S of post 3 ft.  
 dirt and raise a mound of earth 3 1/2 ft. base  
 1 1/2 ft high W of cor.

46.00 The Polaeca Wash (dry) 150 lbs wide tanks  
 20 ft. high course S.W.

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 base cap T 26  
 N. S 14 in N.W. R 16 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 1/2  
 ft. dirt and raise a mound of earth 4 ft.  
 base 2 ft. high W of cor.

Layd level.

Soil adobe 2<sup>nd</sup> rate.

No timber.

S 89° 41' E on a random line beth sec 13 and 24

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect E bdy. of Pp. 210 lkn. S of the  
 witness cor. to the cor. of sec 13, 18, 19 and 24,  
 recently estab. by me & described in Standard Book "A"  
 thence I run, from the true post for cor of  
 sec 13, 18, 19 and 24

N 89° 45' W on a true line beth. sec 13 and 24

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Chain

On dry bed of the Pallas Wash. Course S.W.  
 1.50 Leave Wash. Course S.W. Enter level bottom land toward N.E. and S.W.  
 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 13 on N half and S 24 on S half.  
 Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dist. and raised mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.10 The cor. of reed 13, 14, 23 and 24, hereinbefore described.  
 Land level.  
 Soil adobe 2<sup>nd</sup> and 3<sup>rd</sup> rates  
 No timber.

N 0° 01' W bet. reed 13 and 14  
 Over level adobe bottom land, through sage and greasewood bush undergrowth and bunch grass.  
 25.50 Road from Winslow Ariz. to Poreva Ariz. toward N.E. and S.W.  
 35.00 Leave level bottom land toward N.E. and S.W., enter hilly sandy land toward N.E. and S.W. 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 14 on W half and S 13 on E half.  
 Dig pits 18 x 18 x 12 ins. N. and S. of post. 3 ft. dist. and raised mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

NOTE At this cor. I set off 16<sup>54</sup> S. on the decl. arc and at 11<sup>h</sup> 44<sup>m</sup> am. I observed the sun on the meridian and obtained on the heliostat a reading of 35° 39' N.  
 51.50 Top of sand ridge toward N.E. and S.W. desc. gently over NW. slope.  
 80.00 Set an iron post 3 ft long 2 in. in diam., 24 ins. in the ground for cor. of reed 11, 12, 13 and 14 marked on brass cap. T 26 N. S 11 in N.W. T 16 E S 12 in N.E. S 13 in S.E. and S 14 in S.W. quadrant.  
 Raised mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable

Land level and hilly.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
No timber.

40.00 S 89° 45' E on a random line bet. secs 12 and 13  
Set temp. 1/4 sec cor.  
80.04 Intersect & E dry of T<sub>1</sub> 10 lvs. S. of the cor. of secs.  
(4th Guide Meridian East)  
7, 12, 13 and 18, recently estab. by me & described in Standard  
"Book A";  
Thence I run

35.80 N 89° 49' W on a true line bet. secs. 12 and 13  
Over level bottom land through greasewood brush under-  
growth 2 ft. high.

36.00 Road bears N.E. and S.W. leads from Winslow  
Arizona to Placca and Mena Arizona.

Ascend S.E. slope over hilly land, bears N.E. and  
S.W.

40.02 Set an iron post 3 ft. long 1 in. in diam  
26 ins. in the ground for 1/4 sec. cor. mark'd.  
on brass cap. 1/4 S 12 on N. half and S 13  
on S half.

Raise a mound of stone 2 ft. base, 1 1/2 ft. high  
N. of cor. Not impracticable.

42.00 Top of sand hill bears N.E. and S.W. dec'd.

46.00 Foot of descent in various course S. are gently

80.04 The cor. of secs 11, 12, 13 and 14, heretofore described.  
Land level and hilly.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
No timber.

2.00 N 0° 01' W. bet. secs. 11 and 12  
Ascend S.W. slope over hilly sandy land  
through sage and greasewood brush undergrowth.

18.00 Top of rock ledge 15 ft. high, bears E and W. Level  
broken hilly land bears E and W. Enter rolling  
land bears E and W.

40.00 Set an iron post 3 ft. long 1 in. in diam,  
26 ins. in the ground for 1/4 sec. cor. mark'd.  
on brass cap. 1/4 S 11 on W half and S 12 on

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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.

70.00

Set an iron post. 3 ft long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 1 & 2.

11 and 12 marked on brass cap T 26 N. S 2 in N.W. R 16 E S 1 in N.E. S 12 in S.E. and S 11 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 and hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber.

November 9<sup>th</sup> 1905

November 11<sup>th</sup> 1908 At 4<sup>h</sup> 00<sup>m</sup> p.m. l.m.t. I set off. 35° 40' N. on the lat. arc. 17° 29' S. on the decl. arc and determine a meridian with the solar alt. the cor. of sec. 1, 2, 11 and 12, above described,

Thence Drive

S 89° 49' E on a random line bet. sec. 1 and 12

40.00 Set temp. 1/4 sec. Cor.

80.02 Intersect E ldy. of Twp 26 N. S. of the Cor. of sec. 1, 6, 7 and 12, recently estab. by me & described in Standard Book "A",

Thence Drive

N 89° 52' W. on a true line bet. sec. 1 and 12

Ascend steep rocky S.E. slope over hilly land.

5.00 Top of ascent. 50 ft. above the cor. bears N.E. and S.W. bears hilly land bears N.E. and S.W. Enter rolling sandy land. bears N.E. and S.W.

13.50 Top of sand ridge bears N.E. and S.W. desc. gently

40.01 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 S 1 on N. half and S 12 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 N. of cor.

62.00 Foot of descent in depression bears N.E. and S.W. then over nearly level land. bears N.E. and S.W.

Chaus

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80.02 The Cor. of sec. 1, 2, 11 and 12, heretofore described.  
Land rolling and hilly.  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate,  
No timber.

40.00 No 0° 01' W on a random line bet. sec. 1 and 2  
Set temp. 1/4 sec. Cor.

80.16 Intersect N. ldy of Twp. 5 lks. <sup>89.43 E</sup> of the Cor. of sec. 1, 2, 35 and 36, recently estab. by me & described in Exterior Book "N"  
Thence run

50° 03' E. on a true line bet. sec. 1 and 2.

Over rolling sandy land through scattering sage 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 1/4 sec. cor. marked on brass cap 1/4 S 2 on W half and S 1 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.

80.16 The Cor. of sec. 1, 2, 11 and 12, heretofore described.  
Land rolling.  
Soil sandy 3<sup>rd</sup> rate,  
No timber.

March 11, 1908

November 10<sup>th</sup> 1908 At 8<sup>h</sup> 30<sup>m</sup> a.m. <sup>1. mt</sup> set off.  
35° 36' N. on the lat. arc. 17° 07' S. on the decl. arc. and determine a meridian with the solar at the Cor. of sec. 2, 3, 34 and 35 on the S. ldy. of the Twp., recently estab. by me & described in Exterior Book "K"  
Thence run

No 0° 01' W. bet. sec. 34 and 35

Descend N.W. slope over hilly sandy land through 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 1/4 sec. cor. marked on brass cap 1/4 S 34 on W half and S 35 on E half.  
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia.

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- and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
- 43.00 Foot of descent, leave hilly land bear N.E. and S.W. Enter level bottom land bear N.E. and S.W.
- 56.80 Left bank of the Placca Wash bear N.E. and S.W.
- 58.60 Center of dry Wash Course S.W.
- 60.40 Right bank of the Placca Wash bear 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 sec. 26, 27, 34 and 35 marked on brass cap T 26 N 3 27 in N W R 16 E S 26 in N.E. S 35 in S.E. and 334 in S.W. quadrant.
- 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 and level.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rates  
No timber.
- 
- 89° 41' E. on a random line bet. sec. 26 and 35
- 40.00 Set temp. ¼ sec. cor.
- 80.00 Intersect Rand S. line 12 lbs. S. of the cor. of sec. 25, 26, 35 and 36, heretofore described.
- Then a Drum
- N. 89° 46' W. on a true line bet. sec. 26 and 35
- Descend W. slope over stony hilly land through sage and greasewood brush undergrowth 2 ft. high.
- 1.40 Top of bluff bear N.E. and S.W. descend steeply
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap T 26 on N half and 335 on S half.
- Dig pits 18x18x12 ins. E and W. of post. 3 ft. dia. and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.
- 49.00 Foot of descent, leave hilly land bear N.E. and S.W. Enter level adobe bottom land bear N.E. and S.W.
- 62.20 Left bank of the Placca Wash. 15 ft. high bear N.E. and S.W.
- 63.90 Center of Wash (dry) Course S.W.
- 65.60 Right bank of the Placca Wash. 15 ft. high bear

Chain

11

- N.E. and S.W.
- 80.00 The cor of sec 26, 27, 34 and 35, heretofore described.  
Land level and hilly.  
Soil sandy, adobe and stony 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> rats.  
No timber.
- No. 001 W. ch. sec 26 and 27  
Over level sandy and adobe bottom land through  
sage and greasewood brush undergrowth and  
 bunch grass.
- 1.00 Dry ravine 30 lbs. wide 15 ft deep course S.W.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins.  
in the ground for  $\frac{1}{4}$  sec cor. marked on brass  
cap  $\frac{1}{4}$  S 27 on W half and S 26 on E half.  
Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist.  
and raise a mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$   
ft. high W of cor.
- 46.00 Dry ravine 10 lbs. wide 3 ft. deep course S.W.
- 50.50 Dry ravine 15 lbs. wide 4 ft. deep course S.W.
- 60.00 Level land land base N.E. and S.W. ascend S.E. slope  
over hilly land base N.E. and S.W.
- 71.50 Road from Winslow ariz to Pinal Ariz base  
N.E. and S.W.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24  
ins. in the ground for cor. of sec. 22, 23,  
26 and 27. marked on brass cap. T 26 N S 22 in  
N.W. R 16 E S 23 in N.E. S 26 in S.E. and S 27 in  
S.W. quadrants.  
Dig pits 18x18x12 ins. in each sec. 5  $\frac{1}{2}$  ft. dist.  
and raise a mound of earth 4 ft. base, 2 ft. high.  
W of cor.  
Land level and hilly.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rats.  
No timber.

NOTE At this cor D. set off. 17° 11' S on the dial, arc  
and at 11<sup>h</sup> 44<sup>m</sup> am. l.m.t. observed the sun on  
the meridian and obtain on the lap arc  
a reading of 35° 38' N. which is a little higher  
than the calculated latitude of this place.

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- S  $89^{\circ}46'E$  on a random line bet. sec. 23 and 26  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect N and S. line 8 lks. S. of the cor. of sec.  
 23, 24, 25 and 26, heretofore described,  
 Thence I run  
 N  $89^{\circ}49'W$  on a true line bet. sec. 23 and 26  
 Crow level adobe bottom land through sage and  
 greasewood bush undergrowth and bunch grass.  
 39.90 The point for the  $\frac{1}{4}$  sec. cor. falls in the bottom  
 of the Polacca Wash. Course S.W., where natural  
 causes would insure the destruction of a corner  
 therefore ch.  
 37.90 Set an iron post 3 ft. long 1 in. diam. 26 ins. in the  
 ground for witness cor. to the  $\frac{1}{4}$  sec. cor. marked on base  
 Cop T 26 N R 16 E S 23 on N half., S 26 on S half and W.C.  
 $\frac{1}{4}$  on W 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.  
 40.25 Center of the Polacca Wash 150 lks. wide banks 12 ft.  
 high course S.W.  
 60.50 Dry ravine 15 lks. wide 3 ft. deep course S.  
 71.10 Road from Winslow Ariz. to Prewa Ariz. bear N.E. and  
 S.W., level land bear N.E. and S.W., enter  
 rolling land bear N.E. and S.W.  
 79.80 The cor. of sec. 22, 23, 26 and 27, heretofore described.  
 Land level and rolling.  
 Soil sandy and a lot of 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.
- 
- N  $0^{\circ}01'W$  bet. sec. 22 and 23  
 Around gradually S.E. slope over lilly sandy  
 land through scattering sage and greasewood, brush  
 and bunch grass.  
 7.50 Top of sandstone ledge 15 ft. high bear N.E. and S.W.  
 desc. over N.W. slope  
 32.70 Dry ravine course E and gradually  
 37.00 Top of sand ridge bear E and W, desc. steeply over N. slope  
 39.80 Dry ravine course S.E. and gradually  
 40.00 Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground  
 for  $\frac{1}{4}$  sec. cor. mark. at base of  $\frac{1}{4}$  S 22 on W half, and S 23 on E half



Raise a mound of stone 2 ft. base 1 1/2 ft. high.  
 W of cor. Pits impracticable  
 44.00 Top of high sand ridge bears N.W. and S.E.  
 thence over rolling land on top of ridge  
 54.00 Begin gradual descent over N.W. slope of ridge  
 80.00 Set an iron post 3 ft. long 2 ins. in diam.  
 24 ins. in the ground for cor. of sec. 14  
 15 22 and 23 marked on brass cap. T 26  
 N. S. 15 in N.W. R 16 E S 14 in N.E. S. 23 in S.E.  
 and S 22 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 and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber.

November 15<sup>th</sup> 1908

November 11<sup>th</sup> 1908 At 9<sup>h</sup> 00<sup>m</sup> a mi. <sup>1 m.t.</sup> I set off  
 35° 28 1/2' N. on the lat. arc 17° 26' S. on the decl. and  
 and determine a meridian with the solar alt.  
 the cor. of sec. 14, 15, 22 and 23, above described,  
 Thence Drum  
 S 89° 49' E on a random line bet. sec. 14 and 23  
 40.00 Set temp. 1/4 sec. cor.  
 79.80 Intersect N and S. line at the cor. of sec. 13, 14,  
 23 and 24  
 Thence Drum,  
 N 89° 49' W on a true line bet. sec. 14 and 23  
 Over level adobe bottom land through sage and  
 greasewood brush undergrowth 3 ft. high.  
 21.80 Road from N.E. and S.W. leads to Nominari  
 39.90 Set an iron post 3 ft. long 1 in. in diam.  
 26 ins. in the ground for 1/4 sec. cor. marked  
 on brass cap 1/4 S 14 on N half. and S 23 on  
 S half.  
 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.  
 79.80 The cor. of sec. 14 15 22 and 23, heretofore  
 Land level. described.  
 Soil adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.

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No timber.

N<sup>o</sup> 01' W. bet. sec 14 and 15

Ascend S slope of ridge over hilly sandy land through sage brush undergrowth and bunch grass

38.00 Top of sand ridge bears N.W. and S.E. dir.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S. 15 on W half and S 14 on E half.Dig pits 18 x 18 x 12 ins. N and S of post 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor.

58.60 Dry ravine Course S.E. ascend gently over rolling land slopes to the S.E.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 10, 11, 14 and 15 marked on brass cap T 26 N. S 10 in N.W. R 16 E S 11 in N.E. S 14 in S.E. and S 15 in S.W. quadrant

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

Land rolling and hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber.

S 89° 49' E on a random line bet. sec 11 and 14

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

80.04 Intersect N and S. line 5 lbs. S. of the cor. of sec. 11, 12, 13 and 14, heretofore described.

Thence Drum

N 89° 51' W on a true line bet. sec 11 and 14

Cross broken hilly adobe land through sage brush undergrowth and bunch grass

40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 11 on N. half and S 14 on S half.Raise a mound of stone 2 ft base,  $1\frac{1}{2}$  ft. high

NOTE of Cor. Pits impracticable  
This Cor is on S face of an adobe ridge bears N.  
At this Cor I set off  $17^{\circ} 27\frac{1}{2}' S$  on the decl. arc.  
and at 11<sup>h</sup> 44<sup>m</sup> am. l.m.t. observed the sun on  
the meridian, the resulting latitude being  
 $35^{\circ} 37' N$ .

80.00 The Cor of sees. 10, 11, 14 and 15, heretofore  
Land hilly and broken. described.  
Soil sandy and adobe 3<sup>rd</sup> rate.  
No timber.

N  $0^{\circ} 01' W$  bet. sees. 10 and 11  
Creed abrupt rocky S. slope over sandstone ledge.  
7.50 Top of rock ledge 45 ft. high bears E and W. are gradually  
14.50 Top of high sand ridge bears N.E and S.W., desc. gently  
over rolling N. slope.  
33.50 Top of ridge bears N.W. and S.E. due.  
40.50 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 10 on W half and S 11 on  
E half.  
Dig pits 18 x 18 x 12 ins. N and S. of post 2 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 sees. 2, 3, 10 and  
11 marked on brass cap. T 26 N S 3. in N.W. T 16 E S  
2 in N.E S 11 in S.E and S 10 in SW quadrant

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 3<sup>rd</sup> rate.  
No timber.

40.00 S  $89^{\circ} 51' E$  on a random line bet. sees 2 and 11  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect N and S. line 3 lks. S. of the cor. of sees. 1, 2, 11

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- and 12, heretofore described,  
Thence run  
N 89° 52' W. on a true line bet. sec. 2 and 11 across  
over low rolling sand ridges through sage and greasewood brush undergrowth.
- 16.00 Top of sand ridge bet. n. and s. decl. W. slope.
- 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  $\frac{1}{4}$  3 2 on n. half and 3 11 on s. half.
- Dig pits 18 x 18 x 12 ins. E. and W. of post. 3 ft. dia. and raise a mound of earth 3  $\frac{1}{2}$  ft. base,  $\frac{1}{2}$  ft. high. N. of cor.
- 45.00 Foot of descent in depression bet. n. and s. sec.
- 59.50 Top of sand ridge bet. N.E. and S.W. thence over rolling land bet. N.E. and S.W.
- 75.50 Beg. to descend over W. slope.
- 79.98 The cor. of sec. 2, 3, 10 and 11, heretofore described.  
Land rolling and hilly,  
Soil sandy 3<sup>rd</sup> rate,  
No timber;

November 11<sup>th</sup> 1908

- November 16<sup>th</sup> 1908. At 4<sup>h</sup> 30<sup>m</sup> p.m. <sup>1. mt</sup> Det. off.  
35° 40' N. on the lat. arc. 18° 48' S on the decl. arc  
and determine a meridian with the solar at the  
cor. of sec. 2, 3, 10 and 11, heretofore described,  
Thence run  
N 0° 01' W on a true line bet. sec. 2 and 3
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.25 Intersect N. bdy. of N<sup>o</sup> at the cor. of sec. 2, 3, 34 and 35; recently estab. by me & described in Exterior Book "N,"  
Thence run  
S 0° 01' E. on a true line bet. sec. 2 and 3.  
Ascend N. slope over hilly sandy land, through sage and greasewood brush undergrowth.
- 32.00 Top of sand ridge bet. N.E. and S.W. decl. S. slope
- 40.25 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  $\frac{1}{4}$  3 3 on W half and 3 2 on E half.
- Dig pits 18 x 18 x 12 ins. N and S. of post.

Chains

17

80.25- dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.  
The cor. of sec. 2, 3, 10 and 11, heretofore described.  
Land rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

November 12<sup>th</sup> 1908. Ah. 8<sup>h</sup> 00<sup>m</sup> a.m. <sup>1 m.t.</sup> set off 35° 36' N. on the lat. and 17° 39' S. on the decl. arc and determine a meridian with the solar alt. the cor. of sec. 3, 4, 33, and 34 on the S. line of the Twp. <sup>Recently estab. by</sup> & described in Exterior Book "K"  
Then run  
N 0° 02' W. bet. sec. 33 and 34.  
Over level adobe land through greasewood brush under growth about 3 1/2 ft. high.  
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 3 33 on W. half and 3 34 on E half.

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

70.10 Road from N.E. and S.W. cor. from Winslow Arizona to Movera and Placeca Ariz.

80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins. in the ground for cor. of sec. 27, 28, 33, and 34 marked on brass cap. T 26 N 328 in N.W. R 16 E S 27 in N.E. S 34 in S.E. and S 33 in S.W. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 7 ft. high W. of cor.

Land level.

Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate,  
No timber.

40.00 89° 41' E on a random line bet. sec. 27 and 34  
Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 8 lbs. S. of the cor. of sec. 26, 27, 34 and 35, heretofore described,

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Thence Iron

N 89° 44' W. on a true line bet. sec. 27 and 34  
Over level adobe bottom land covered with sage  
and greasewood brush undergrowth 3 ft. high.

00.80 Dig gulch 20 lbs. wide 3 ft. deep Course S.W.

40.03 Set an iron post 3 ft. long 1 in. in diam., 26 ins.  
in the ground for  $\frac{1}{4}$  sec. cor. marked on  
brass cap  $\frac{1}{4}$  S 27 on N. half and S 34 on S.  
half.

Dig pits 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.

66.60 Road bears N.E. and S.W. leads from Window  
Arizona to Plover and Plover Arizona.

80.06 The cor. of sec. 27, 28, 33 and 34, heretofore described,  
Land level.

Soil adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.

No timber.

N 0° 02' W bet. sec. 27 and 28.

Ascend S.E. slope over hilly sandy land through  
sage and greasewood brush undergrowth.

6.50 Top of sandstone ledge 20 ft. high bears N.E. and S.W.

21.00 Top of ridge bears N.E. and S.W. desc. N.W. slope

29.80 Dry ravine Course S.W. ascend gradually.

40.00 Set an iron post 3 ft. long 1 in. in diam., 26  
ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on  
brass cap  $\frac{1}{4}$  S. 28 on W. half and S 27 on E. half.

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.

76.00 Top of ridge bears N.E. and S.W. desc. gradually  
over rolling land.

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 T 26 N. S 21 in NW.  
T 16 E S. 22 in N.E. S 27 in S.E. and S 28 in S.W.  
quadrant.

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

Land hilly.  
Soil sandy adobe sand of Stoney 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

89° 44' E. on a random line bet. sec. 22 and 27.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N and S. line 8 lbs. S of the cor. of sec. 22, 23, 26 and 27, heretofore described.

Thrued Iron

N 89° 47' W. on a true line bet. sec. 22 and 27.  
Ascend gradually over S.E. slope rolling land.  
through sage and greasewood brush undergrowth and bunch grass.

11.00 Leave rolling land bear N.E. and S.W. Enter hilly land bear N.E. and S.W. ascend steeply

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 bear cap  $\frac{1}{4}$  S 22 on N half and S 27 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.

50.00 Top of steep ascent on sand hill bear N.E. and S.W. Leave hilly land bear N.E. and S.W. enter rolling sandy land bear N.E. and S.W.

80.10 The cor. of sec. 21, 22, 27 and 28, heretofore described.  
Land rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

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

W. ...

November 13<sup>th</sup> 1908. At 4<sup>h</sup> 00<sup>m</sup> p.m. L. mt. Dub. off 35° 37  $\frac{1}{2}$ ' N. on the lab. arc. 18° 01  $\frac{1}{2}$ ' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 21, 22, 27 and 28, heretofore described.

Thrued Iron

N 89° 02' W. bet. sec. 21 and 22.  
Descend gently over N. slope, rolling sandy land, through

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Sage and greasewood brush undergrowth and bunch grass.  
 00.80 Dry ravine course S.W. ascend gradually.  
 5.00 Top of sand ridge bear N.E. and S.W.  
 14.00 Begin gradual descent over N slope.  
 38.00 Foot of descent. Leave hilly land bear N.E. and S.W.  
 Enter adobe flat 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  $\frac{1}{4}$  sec. cor. marked on brass  
 Cap  $\frac{1}{4}$  S 21 on W half and S 22 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 North edge of adobe flat leave level land bear  
 N.E. and S.W. Ascend gradually over S. slope hilly  
 land. bear 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 sec 15, 16, 21  
 and 22, marked on brass Cap T 26 N S 16 in  
 NW, R 16 E S 15 in N.E. S 22 in S.E. and S 21 in  
 SW 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

Land level and hilly.

Soil sandy and calc.  $3^{\text{rd}}$  rate.

No timber.

November 13<sup>th</sup> 1908

November 16<sup>th</sup> 1908 Ab. 7<sup>th</sup> 44<sup>th</sup> a.m. Gmt I set  
 off 35° 38 $\frac{1}{2}$ ' N. on the lat. arc 18° 39 $\frac{1}{2}$ ' S. on the decl.  
 arc. and determined a meridian with the solar at the  
 cor. of sec. 15, 16, 21, and 22, above described.

Then I run

S 89° 47' E on a random line bet. sec. 15 and 22

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

79.96 Intersect N and S. line 10 lbs. N. of the cor. of sec. 14, 15, 22 and 23,

Then I run  
 N 89° 43' W on a true line bet. sec. 15 and 22

Ascend N.E. slope over rolling sandy land through  
 sage and greasewood brush and bunch grass.

39.98 Set an iron post 3 ft. long 1 in. in diam.  
 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked.



Chain

on brass cap  $\frac{1}{4}$  S 15 m N. half and S 22 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.

54.00 Top of ascent, level rolling land bears N E and S W.  
enter level land bears N.E and S.W.

79.96 The cor. of sec 15, 16, 21 and 22, heretofore described.  
Land level and rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

N 0° 02' W, 1/4 sec 15 and 16

Over level sandy land through sage and grease-  
wood brush undergrowth and bunch grass.

5.00 Level land bears E and W., ascend S slope  
over hilly land bears E. and W.

20.00 Top of sand ridge bears E and W. desc.

30.00 Dig round course S.W. asc.

40.00 Set an iron post 3 ft. long 1 in. in diam., 26 ins.  
in the ground for  $\frac{1}{4}$  sec cor. marked on brass  
cap  $\frac{1}{4}$  S 16 on W. half and S 15 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.

49.60 Top of sand ridge 50 ft above cor. bears N.E.  
and S.W., level hilly land bears N.E and S.W.  
Enter rolling land bears N.E and S.W. slopes to the  
North.

80.00 Set an iron post 3 ft. long 2 in. in diam., 24  
ins. in the ground for cor of sec. 9, 10, 15 and  
16, marked on brass cap T 26 N. S 9 in 71 W  
T 16 E S 10 in N.E. S 15 in S.E and S 16 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 rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

Chain

BOOK 2588

- 40.00 Set temp. 4 sec. cor.
- 79.90 Intersect N and S line 5 lks. N. of the cor. of sec. 10, 11, 14 and 15, heretofore described.  
Thence I run  
N 89° 43' E on a random line bet. sec. 10 and 15
- 15.50 Top of sand stone ledge 15 ft high. bears NE and SW.
- 29.00 Top of high sand ridge bears NE and SW. leaves hilly land bears NE and SW., enters level land bears NE and SW.
- 37.00 Leave level land bears NE and SW. descend steep W. slope over hilly land bears NE and SW.
- 39.80 Top of sand stone ledge 5 ft high bears NE and SW desc steeply.
- 39.90 Top of sand stone ledge bears NE and SW.
- 39.95 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 310 on N. half and 315 on S half.  
Raise a mound of stone 2 ft base 1/2 ft high. N. of cor. Pits impracticable.
- 79.90 The cor. of sec. 9, 10, 15 and 16, heretofore described.  
Land level broken and hilly.  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rates  
No timber

NOTE November 16<sup>th</sup> 1905 At the cor. of sec. 9, 10, 15 and 16<sup>heretofore described</sup>  
 I set off 18° 46' S on the decl. arc and at 11<sup>h</sup> 50<sup>m</sup> am. l.m.c. observed the sun on the meridian, the resulting latitude being 35° 39 1/2' N, which is a little higher than the calculated latitude of this place

- N 0° 02' W bet. sec. 9 and 10
- Ascend S slope over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.
- 14.00 Top of sand ridge bears NE and SW. descend gradually over N.W. slope.
- 40.00 Set an iron post, 3 ft long 1 in. in diam, 26 ins. in the ground for 1/4 sec. cor. marked

ow head cap  $\frac{1}{4}$  S 9. ow W. half and S10 ow 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 head cap. T 26 N, S 4 in N.W.,  
R16 E S 3 in N.E., S10 in S.E. and S9 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 hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber

S 89° 41' E on a random line bet. Secs. 3 and 10  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.82 Intersect N and S line 8 lks. S. of the cor. of  
Secs. 2, 3, 10, and <sup>hereinbefore described</sup> 11 N. thence run

N 89° 44' W. on a true line bet. Secs. 3 and 10  
around gradually over S.E. slope, over rolling  
sandy land through sage and greasewood  
brush undergrowth and bunch grass

39.91 Set an iron post. 3 ft. long 1 in. in diam 26 ins.  
in the ground for  $\frac{1}{4}$  sec. cor. marked on  
head cap  $\frac{1}{4}$  S 3 ow N. half and S10 ow 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.

51.00 Top of sand ridge head N. and S. desc  
gradually over W. slope

79.82 The cor. of sec. 3, 4, 9 and 10, hereinbefore described.  
Land rolling  
Soil sandy 3<sup>rd</sup> rate.  
No timber

November 16<sup>th</sup> 1908

BOOK 2588

November 17<sup>th</sup> At 4<sup>h</sup> 30<sup>m</sup> p.m. l.m.L. D. set off. 35°40' N. on the lat. arc. 19°01' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 3, 4, 9, and 10, <sup>hereinbefore described</sup> thence I run N 0° 02' W. on a random line bet. sec 3 and 4.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N. liny. of Twp. 18 lks. <sup>58° 43' E</sup> of the cor. of sec. 3, 4, 33, and 34, <sup>recently estab. by me & described in Exterior Book "N"</sup> thence I run.

S 0° 10' E. on a true line bet. sec. 3 and 4 Over rolling sandy land. Covered with sage and greasewood brush undergrowth and bunch grass

40.24 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 40 W. half and 33 on E. half.

Dig pits 18x18x12 ins N. and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

80.24 The cor. of sec. 3, 4, 9 and 10, hereinbefore described.

Land rolling  
Soil sandy 3<sup>rd</sup> rate.  
No timber

November 17 1908

November 15<sup>th</sup> 1908: At 7<sup>h</sup> 45<sup>m</sup> a.m. l.m.L.-D. set off. 35°36' N. on the lat. arc, 17°53 1/2' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 4, 5, 32, and 33 on S. liny. of the Twp. <sup>recently estab. by me & described in Exterior Book "K"</sup> thence I run N 0° 10' 3" W. bet. sec. 32 and 33.

10.00 Top of sand ridge bears E and W. decl. N. slope

16.50 Foot of descent in depression bears E and W. are sandstone ledge bears NE. and SW.

23.00 Top of sand stone ledge bears NE. and SW. hard stony land, and continue ascent over sandy land.

33.00 Top of sand ridge bears E and W. decl.

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 32 on W. half. and 33 on E. half.

- Dig pits 18x18x12 ins N. and S. of post 3<sup>rd</sup>.  
 Dish 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 in  
 depression bears N.E. and S.W. Ascend gradually  
 over S.E. slope
- 48.00 Top of sand ridge bears E and W, thence over  
 rolling sandy land.
- 80.00 Set an iron post 3<sup>rd</sup> long, 2 ins in diam.  
 24 ins in the ground for cor. of Secs. 28, 29,  
 32, and 33. marked out brass cap. T26 N, S29  
 in N.W. R16E, S28 in N.E., S33 in S.E. and S  
 32 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 and hilly.  
 Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber
- 
- S 89° 41' E on a random line bet. Secs. 28 and 33
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.12 Intersect N and S. line 7 lks. S. of the cor. of Secs  
 27, 28, 33, and 34, <sup>hereinbefore described</sup> thence run  
 N 89° 44' W. on a true line bet. Secs. 28 and 33.  
 Ascend S.E. slope over hilly land, through scattering  
 sage and greasewood brush undergrowth and  
 bunch grass
- 2.00 Top of ridge bears N.E. and S.W., bears hilly land  
 bears N.E. and S.W., Enter rolling land.
- 21.50 Leave rolling land bears N.E. and S.W., Enter  
 broken stony land. desc. W. slope.
- 25.00 Dry ravine course S. asc. gradually.
- 40.06 Set an iron post, 3<sup>rd</sup> long, 1 in. in diam. 26  
 ins in the ground for  $\frac{1}{4}$  sec. cor. marked out  
 brass cap.  $\frac{1}{4}$  S28 on N. half and S33. on S.  
 half.  
 Raise a mound of stone 2 ft base 1 $\frac{1}{2}$  ft. high.  
 N. of cor. Pits impracticable
- 42.00 Begin steep ascent over S.E. slope
- 47.50 Top of steep ascent. ascend gradually over low

BOOK 2588

Sands ridged  
 80.12 The cor. of sec. 28, 29, 32, and 33, heretofore described.  
 Land hilly and broken.  
 Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber

N<sup>o</sup> 03' W. 1/4 sec 28 and 29.

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

21.0.0 Begin gradual descent over N. slope.

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 27<sup>o</sup> W. half. and S 28<sup>o</sup> W. E. half.

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.

NOTE At this cor. I set off. 18° 02' 3 on the decl. arc and at 11<sup>h</sup> 44<sup>m</sup> a.m. last observed the sun on the meridian and obtain a reading of 35° 37' N. on the latitude arc.

57.00 Top of sand ridge bears E. and W., desc. gradually over N. slope

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of sec.

20, 21, 28, and 29, marked on brass cap. T 26 N., S 20 in N.W., R 16 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 1/2 ft. deep, and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.

Land hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber

Schaum

27

- 40.00 Set true  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect N and S line 4 lks N. of the cor. of sec. 21, 22, 27 and 28, heretofore described, Thence S run
- N 89° 44' E on a random line bet. sec. 21 and 28. Descend N.W. slope over hilly & sandy land through sage and greasewood bush undergrowth and bunch grass.
- 00.30 Dry ravine 10 lks. wide 2 ft. deep course S.W.
- 9.50 Dry ravine 20 lks. wide 5 ft. deep course S.W. and
- 14.00 Top of sand ridge bears N.E. and S.W. desc.
- 26.90 Dry ravine course S.W. 10 lks wide 3 ft. deep.
- 32.30 Dry ravine 20 lks wide 3 ft. deep, course S. head hilly land bears N.E. and S.W. Enter rolling land bears N.E. and S.W.
- 40.05 Set an iron post 3 ft. long 1 in. in diam., 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap.  $\frac{1}{4}$  S 21 on N. half and S 28 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.
- 53.00 Leave rolling land bears N.E. and S.W. ascend S.E. slope over hilly land bears N.E. and S.W.
- 80.10 The cor. of sec. 20, 21, 28, and 29, heretofore described. Land rolling and hilly. Soil sandy 3<sup>rd</sup> rate. No timber.

November 13<sup>th</sup> 1908

- November 17<sup>th</sup> 1908 At 7<sup>h</sup> 45<sup>m</sup> a.m. L. and I set off. 35° 37 $\frac{1}{2}$ ' N. on the lat. arc, 18° 54' S. on the decl. arc. and determine a meridian with the solar at the cor. of sec. 20, 21, 28 and 29, heretofore described, Thence S run
- N 0° 03' W bet. sec. 20 and 21
- Over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.
- 20.00 Top of sand ridge bears N.E. and S.W. thence over broken ridges and ravines.
- 40.00 Set an iron post. 3 ft long 1 in. in diam., 26

BOOK 2588

ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass Cap. 4 S 20 on W half and S 21 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.

65.00 Beyond center over N.E. slope of sand ridge.

65.60 Dry ravine Course S.E. asc.

66.20 Top of ridge bears NW. and S.E. desc.

68.00 Dry ravine Course S.E. asc.

71.00 Top of ridge bears NW. and S.E. desc.

73.60 Dry ravine Course S.E. asc.

74.50 Top of ridge bears NW. and S.E. desc. gradually over N.E. slope.

79.00 The slope changed from gradual to steep

80.00 Set an iron post 3 ft long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 16, 17, 20 and 21. marked on brass cap T 26 N. S 17 in NW. T 16 E S 16 in N.E. S 21 in S.E. and S 20 in S.W. quadrant.

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 broken and hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber.

S 89° 42' E on a random line bet. sec. 16 and 21  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect N and S. line 5 lbs. S of the cor. of sec. 15, 16, 21 and 22, heretofore described.  
Thence S run

N 89° 44' W on a true line bet. sec. 16 and 21.

Over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.

16.00 Dry ravine Course S. asc.

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

23.00 Dry ravine Course S. asc.

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

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 4 S 16 on N. half and S 21



Subdivision of Twp 26 N., R 16 E.

Chains

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.

73.00 Top of arbutus on ridge bears N.E. and S.W. bears 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 cor. of sec. 4, 5, 8, and 9. marked on brass cap T 26 N. S 5 in N.W. T 16 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 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.

40.00 S 89° 50' E on a random line bet. sec. 4 & 9. Set temp. 1/4 sec. cor.

80.16 Intersect N. and S. line 5 lks N. of the cor. of sec. 3, 4, 9 and 10, heretofore described, Thence Drive

N 89° 48' W. on a true line bet. sec. 4 and 9. Over rolling sandy land through scattering sage and greasewood brush and bunch grass

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

68.00 Begin ascent over S.E. slope of ridge.

77 50 Top of ridge bears N.E. and S.W. desc. gently.

80.16 The cor. of sec. 4, 5, 8, and 9, heretofore described.

Land rolling  
Soil sandy 3rd rate.  
No timber.

NOTE Clouds obscure the sun at noon on this day

Subdivision of T<sub>1</sub> 26 N, R 16 E

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rendering an observation for latitude with the solar impossible.

Nov. 19<sup>1908</sup> At 3<sup>h</sup> 44<sup>m</sup> p.m. l.m.t. I set off 35° 40' N. on lat arc. 19° 16' S. on decl arc and determine a meridian with the solar. at the cor. of sec. 4, 5, 8, and 9, <sup>hereinbefore described</sup> Thence I run

N 0° 03' W. on a random line bet. sec. 4 and 5.

40.00 Set. temp & sec. Cor.

80.26 Intersect N. ldy. of T<sub>1</sub> 21 ldy. <sup>S 89° 43' E.</sup> of the Cor. of sec. 4, 5. 32 and 33, recently estab. by me & described in Exterior Book N Thence I run

S 0° 12' E. on a true line bet. sec. 4 and 5.

Around gradually N. slope over rolling sandy land through scattering sage and greasewood brush and bunch grass.

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

24.50 Dry ravine course N.E. asc.

28.00 Top of sand ridge bears E and W. desc.

40.26 Set an iron post 3 ft. long 1 in. in diam. 20 in. in the ground for <sup>1/4</sup> sec. cor. m'd. on brass cap 4 5 on W half and 3 4 on E half.

Dig pits 18x18x12 in N and S. of post. 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high th. of cor.

58.00 Foot of descent in depression bears N.E. and S.W. Around N.W. slope.

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

80.26 The Cor. of sec 4, 5, 8 and 9, hereinbefore described. Land rolling and hilly. Soil sandy 3<sup>rd</sup> rate. No timber.

November 14<sup>th</sup> 1908

November 14<sup>th</sup> 1908 At 8<sup>h</sup> 30<sup>m</sup> a.m. <sup>l.m.t.</sup> I set off 35° 36' N. on the lat. arc. 18° 12' S. on the decl. arc and determine a meridian with the solar at the Cor. of sec. 5, 6, 31 and 32 on the S. ldy. of the T<sub>1</sub>, recently estab. by me & described in Exterior Book "K" Thence I run

N 0° 08' W. bet. sec 31 and 32.

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

Chains

33

- 22.00 Top of sand ridge from N.E. and S.W. thence over rolling sandy land. from N.E. and S.W.
- 40.00 Set an iron post 3 ft long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 31 on W. half and S 32 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.
- 55.50 Descend gradually over 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. 29 30 31. and 32 marked on brass cap T 26 N. S 30 in N.W. T 16 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. dist. and raise a mound of earth 4 ft base 2 ft. high W. of cor.
- Land hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

S 89° 41' E on a random line bet. sec.

29 and 32.

40.00 Set. temp.  $\frac{1}{4}$  sec. cor.80.00 Dist. set N and S. line 5 lbs. S. of the cor. of sec. 28, 29, 32 and 33, heretofore described,  
Thence Drum.

N 89° 43' W on a true line bet. sec. 29 and 32.

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

30.00 Begin gradual descent over N.W. slope.

40.00 Set an iron post 3 ft long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 29 on N. half. and S 32 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.

80.00 The Cor. of sec. 29, 30, 31 and 32, heretofore described.

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Chains

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Land rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

40.00  $N 89^{\circ} 41' W$  on a random line bet. sec. 30 and 31  
Set temp.  $\frac{1}{4}$  sec. cor.

80.28 Intersect W ldy. of Twp. 8 lvs. N. of the cor. of sec.  
25 30 31 and 36; recently estab. by me & described in Exterior  
Book "M"  
Thence Drive

$S 89^{\circ} 44' E$  on a true line bet. sec. 30 and 31

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

40.28 Set an iron post 3 ft. long 1 in. in diam.  
26 ins. in the ground for  $\frac{1}{4}$  sec cor. mk'd.  
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. dist.  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high N. of cor.

80.28 This cor. of sec. 29 30 - 31 and 32, heretofore  
described.

Land rolling  
Soil sandy 3<sup>rd</sup> rate.  
No timber

At this cor.

Set off  $18^{\circ} 15\frac{1}{2}' S$  on the decl. arc and at  $11^{\text{h}} 44\frac{1}{2}^{\text{m}}$   
am. lmt observe the sun on the meridian  
and obtain on the lat. arc a reading of  $35^{\circ} 37' 51''$   
for the lat. of this place.

$N 0^{\circ} 03' W$ . bet. sec. 29 and 30.

Over rolling sandy land through sage and  
greasewood brush undergrowth.

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

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

Chains

and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.  
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 19, 20, 29 and 30 marked on brass cap T 26 N. S 19 in N.W. R16 E S 20 in N.E. S 29 in S.E. and S 30 in S.W. quadrant.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land rolling.

Soil sandy 3<sup>rd</sup> rate.

No timber.

S 89° 43' E on a random line bet. sec. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N and S line 12 lbs. S. of the cor. of sec. 20, 21, 28 and 29, heretofore described.

Thence Run

N 89° 48' W. on a true line bet. sec. 20 and 29.

Ascend E. slope over hilly sandy land through sage and greasewood brush undergrowth.

39.00 Top of sand ridge bear N.E. and S.W. desc. gradually over N.W. slope.

40.03 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 S 20 on N half and S 29 on S half.

Dig pits 18x18x12 ins. E and W. of post 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. N. of cor.

80.06 The cor. of sec. 19, 20, 29 and 30, heretofore described.

Land hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber.

November 14<sup>th</sup> 1908

November 18<sup>th</sup> 1908. At 7<sup>h</sup> 45<sup>m</sup> a.m. Cont. Det. off. 35° 37½' N. on the lat. arc and 14° 09' S on the decl. arc. and

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determine a meridian with the solar at the cor. of  
secs. 19, 20, 29 and 30, heretofore described,

Thence Draw

N 89° 44' W. on a random line bet. secs. 19 and 30

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

80.28 Intersect W. ldy. of Twp. 5 lks. S. of the cor. of secs.  
19, 24, 25 and 30; recently estab. by me & described in Exterior  
Book "M"

Thence Draw

S 89° 42' E on a true line bet. secs. 19 and 30.

Ascend gradually over E. slope of sand ridge  
over hilly sandy land, through sage and greas-  
wood brush undergrowth, sand bunch grass.

40.28 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 & S 19 on N. half and S 30 on  
E. half.

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

60.00 Top of sand ridge bears N.E. and S.W. desc  
gradually over E. slope.

80.28 The cor. of secs. 19, 20, 29 and 30, heretofore  
described.  
Land rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

N 0° 03' W. bet. secs. 19 and 20.

Ascend S.E. slope over hilly sandy land, through  
sage and greasewood brush, 2 ft. high.

28.00 Low sand ridge bears N.E. and S.W. Continue  
gradual ascent.

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 & 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.  
dirt 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 high sand ridge bears N.E. and S.W.  
desc. over N.W. slope.

chain

80.00 Set an iron post 3/4 long 2 ins. in diam., 24 ins. in the ground for cor. of sec. 17, 18, 19 and 20. marked on brass cap T 26 N, S 18 in N.W. R 16 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 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber.

89°48'E on a random line bet. sec. 17 and 20  
 40.00 Set temp. 1/4 sec. cor.  
 80.12 Intersect N. and S. line 10 lks. N of the cor. of sec. 16, 17, 20 and 21, heretofore described,  
 Thence S run

N 89°44'W on a true line bet. sec. 17 and 20.  
 Grand S.E. slope over hilly sandy land through sage and greasewood brush and bunch. Grand  
 18.00 W. of ascent on S face of ridge thence along S.W. slope.

40.06 Set an iron post 3/4 long 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap 1/4 S 17 on N half and S 20 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.

80.12 The cor. of sec. 17, 18, 19 and 20, heretofore described.  
 Land hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber

N 89°42'W on a random line bet. sec. 18 and 19  
 40.00 Set temp. 1/4 sec. cor.

80.24 Intersect W. ldy of N.P. at the cor. of sec. 13, 18, 19 and 24, recently estab. by me & described in Exterior Book "M"  
 Thence S run  
 S 89°42'E on a true line bet. sec. 18 and 19.

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- Descend E slope, over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.
- 40.24 Set an iron post 3 ft. long 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on base Cop.,  $\frac{1}{4}$  S 18 on N half and S 19 on S half.
- Dig pits 18 x 18 x 12 ins. E. and W. of post. 3 ft. dirt, and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- At this cor. I set off  $19^{\circ}15'S.$  on the decl. arc and at 11<sup>h</sup> 45<sup>m</sup> a.m. l.m.t. observed the sun on the meridian and obtain on the lat. arc a reading of  $35^{\circ}38\frac{1}{2}' N.$

- 42.00 Dry ravine course S.E. asc. N.E. slope of sand ridge.
- 62.00 Top of sand ridge bears N. and S. desc. E. slope
- 80.24 The cor. of sec. 17, 18, 19, and 20, heretofore described.  
Land hilly.  
Soil sandy 3<sup>rd</sup> rate  
No timber

N $0^{\circ}03'W$  to sec. 17 and 18.

- Ascend S slope over hilly sandy land through scattering sage and greasewood brush undergrowth and bunch grass
- 81.00 Top of sand ridge bears N.E. and S.W. desc. gradually over N.W. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on base Cop.  $\frac{1}{4}$  S 18 on W half and S 17 on E half.
- Dig pits 18 x 18 x 12 ins. N and S of post. 3 ft. dirt, and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor.
- 57.00 Dry ravine course S.W. ascend S.E. slope of sand ridge.
- 77.50 Top of steep ascent on sand ridge bears E and W. Enter rolling land. bears E and W



80.00 Set an iron post 3 ft. long 2 1/2 ins. in diam. 2 1/2 ins. in the ground for cor. of secs. 7, 8, 17 and 18 marked on brass cap T 26 N. S. 7 in NW. T 16 E S 8 in NE. S 17 in SE. and S 18 in SW. quadrant.

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

Land hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

S 89° 44' E on a random line bet. secs 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.18 Intersect N and S. line 5 lks S. of the cor. of secs. 8, 9, 16 and 17, heretofore described,  
Thence run

N 89° 46' W. on a true line bet. secs. 8 and 17  
Over rolling sandy land through sage and greasewood brush and bunch grass.

40.09 Set an iron post 3 ft. long 2 1/2 ins. in diam. 2 1/2 ins. in the ground for 1/4 sec. cor. marked on brass cap T 26 N. S. 8 on N. half and S 17 on S. half.

Dig pits 18x18x12 ins. East W. of post. 3 ft. deep, and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

47.00 Top of sand ridge bears N and S. line gradually on W. slope.

80.18 The cor. of secs. 7, 8, 17 and 18, heretofore described.  
Land rolling.

Soil sandy 3<sup>rd</sup> rate.  
No timber.

November 18<sup>th</sup> 1908

November 19<sup>th</sup> 1908. At 8<sup>h</sup> 15<sup>m</sup> a.m. cut  
D set off 35° 39' N. on the lat. arc. 19° 25 1/2' S.  
on the decl. arc. and determine a meridian

BOOK 2588

- with the solar at the cor. of sec. 7, 8, 17 and 18,  
 Thence Drive  
 N 89° 42' W. on a random line bet. sec. 7 and  
 18.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.16 Intersect W. bdy of N. 1/4 at the cor. of sec.  
 7, 12, 13 and 18, recently estab. by me & described in Exterior  
 Thence Drive Book "M."  
 S 89° 42' E. on a true line bet. sec. 7 and 18  
 Descend N.E. slope over hilly sandy land  
 through scattering sage and greasewood brush;  
 undergrowth and bunch grass
- 130.00 Foot. of descent in pass bet. N.E. and S.W.  
 Ascend gradually over W. slope
- 40.16 Set 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 18 on  
 half.  
 Dig pits 18x18x12 ins. E and W. of post, 3 ft.  
 dirt and raise a mound of earth 3  $\frac{1}{2}$  ft.  
 tall, 1  $\frac{1}{2}$  ft. high. N. of cor.
- 45.00 Top of sand ridge bet. N.E. and S.W. desc.  
 over S.E. slope,
- 68.00 Foot. of descent in depression bet. N and S.  
 Ascend gradually over E. slope of ridge
- 80.16 The cor. of sec. 7, 8, 17 and 18, heretofore described.  
 Land rolling and hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber
- 
- N 0° 0' 3' W bet. sec. 7 and 8.  
 Ascend S slope over hilly sandy land, through  
 scattering sage and greasewood brush undergrowth  
 and bunch grass.
- 28.00 Top of sand ridge bet. N.E. and S.W. desc.  
 over N.W. slope -
- 40.00 Set an iron post 3 ft. long 1 in. in diam.  
 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  
 on brass cap  $\frac{1}{4}$  S 7 on W. half and S 8 on  
 E half.

Chains

80.00 Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist. and raised 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 cor. of sec. 5, 6, 7 and 8. marked on bear cap. T 26 N. S 6 in NW. R 16 E S 5 in NE. S 8 in SE. and S 7. in SW. quadrant.

Dig pits 18x18x12 ins. in each. sec. 5 1/2 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high W. of cor.  
 Land rolling and hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber.

40.00 S 89° 46' E on a random line bet sec 5 and 8.  
 Set temp. 1/4 sec. cor.  
 80.16 Intersect N and S. line 5 lbs. N. of the cor. of sec. 4, 5, 8 and 9, heretofore described.  
 Thence S run.  
 N 89° 44' W. on a true line bet. sec. 5 and 8.

16.00 Over rolling sandy land. through scattering Sage and greasewood brush undergrowth  
 Feared rolling land bears N.E. and S.W. descend W. slope over hilly land. bears N.E. and S.W.

30.00 Foot of descent in depression bear N. and S. ascend gradually over E. slope.

40.08 Set an iron post. 3 ft. long 2 ins. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on bear cap 1/4 S 5 on N half and S 8 on S. half.

55.00 Dig pits 18x18x12 ins E and W. of post. 3 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high W of cor.  
 Ridge of sand ridge bears N.E. and S.W. descend over N.W. slope.

BOOK 2588

80.16 The cor. of secs 5, 6, 7 and 8, heretofore, described.  
Land rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

At the above cor. I set off  $19^{\circ}29\frac{1}{2}'S$  on the decl. arc, and at 11<sup>45</sup> am. I saw the sun on the meridian, the resulting latitude being  $35^{\circ}40'N$ .

$N89^{\circ}42'W$  on a random line bet. sec 6 and 7.

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

80.12 Intersect W. bdy of Twp. 3 lks S. of the cor. of secs. 1, 6, 7 and 12, recently estab. by me & described in "Exterior Book "M,"  
Thence run

$S89^{\circ}41'E$  on a true line bet. sec. 6 and 7.

Ascend W. slope over hilly, sandy land

33.00 Top of ascent on sand ridge bears N and S. desc. over E slope.

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 6 on N. half and 37 on S half.

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

51.00 Foot of descent in depression bears N. and S. ascend gradually over W. slope.

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

80.12 The cor. of secs. 5, 6, 7 and 8, heretofore, described.  
Land hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

$N0^{\circ}03'W$  on a random line bet. sec. 5 and 6.

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

80.20 Intersect N. bdy of Twp. 3 lks  $S.89^{\circ}43'E$  of the cor.

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

BOOK 2588

LIST OF NAMES.

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

marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines  
of Twp. 26 N. R. 16 E. of the Gila and Salt River Base and Meridian in the Territory of Arizona

showing the respective capacities in which they acted:

- David L. White Compassman
- Ralph D. Westlund Chainman.
- Jay E. Jellish Chainman.
- Chas. H. Shumway Moundman.
- Fred L. Warner Moundman.
- Asman.
- Robt. E. Chabornel Placerman  
Asman.
- Harry Lake May Flagman.

FINAL OATH OF ASSISTANTS.

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

those parts or portions of the Subdivision lines of

Township 26 North Range 16 East

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

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the Commissioner of the  
General Land Office

See Subdivisionary Book 2588

- Chainman.
- Chainman.
- Moundman.
- Moundman.
- Asman.
- Asman.
- Flagman.

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



U.S. Examiner of Surveys

EXAMINER OF SURVEYS  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, ~~United States Deputy Surveyor~~, <sup>Examiner of Surveys</sup> do solemnly swear that, in pursuance of ~~a contract~~ <sup>Special Instructions</sup> received from the Commissioner of the ~~United States Surveyor General for~~ Land Office, bearing date of the 2nd day of October, 1907 & 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 for~~ Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision lines of  
Township 26 North, Range 16 East

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

See Subdivisional Book "I"

~~United States Deputy Surveyor~~  
Examiner of Surveys

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25 1914

The foregoing field notes of the survey of the Subdivision lines of  
Township 26 North, Range 16 East, of the  
Gila and Salt River Base and Meridian  
Arizona

executed by Sidney E. Blout, U.S. Examiner of Surveys ~~under the contract No. \_\_\_\_\_~~ <sup>Special Instructions from the Commissioner of the General Land Office</sup>, dated October 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 Sigall  
~~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~~