



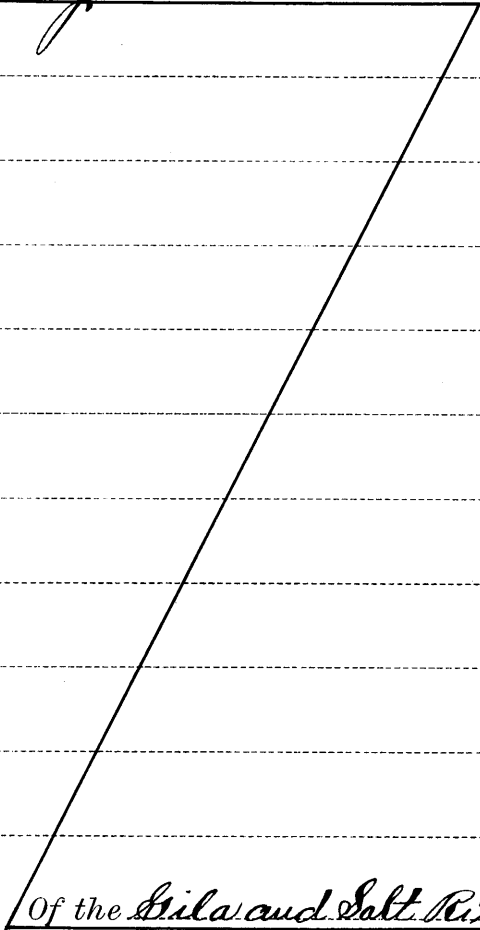
Subdivisional  
BOOK "Y"

BOOK 2603

FIELD NOTES

OF THE SURVEY OF THE

Subdivision lines of Township No. 26 North, of  
Range No. 15 East



Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED  
AS SURVEYED BY

Sidney E. Blount, United States Examiner of Surveys  
~~Deputy Surveyor~~

Special Instruction from the Commissioner of the General Land Office  
Under ~~the Contract No.~~, dated Feb. 2<sup>nd</sup> 1907 and May 15<sup>th</sup>, 1908.

Survey commenced October 18<sup>th</sup>, 1907

Survey completed October 27<sup>th</sup>, 1907

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(1A)

BOOK 2603

NAMES AND DUTIES OF ASSISTANTS.

Wm. L. White Compassman

Fred L. Warner Chairman

Earl Albright Chairman

William B. Couson Moundman

Chas. L. Shumway Moundman

Ralph C. Sampson Flagman

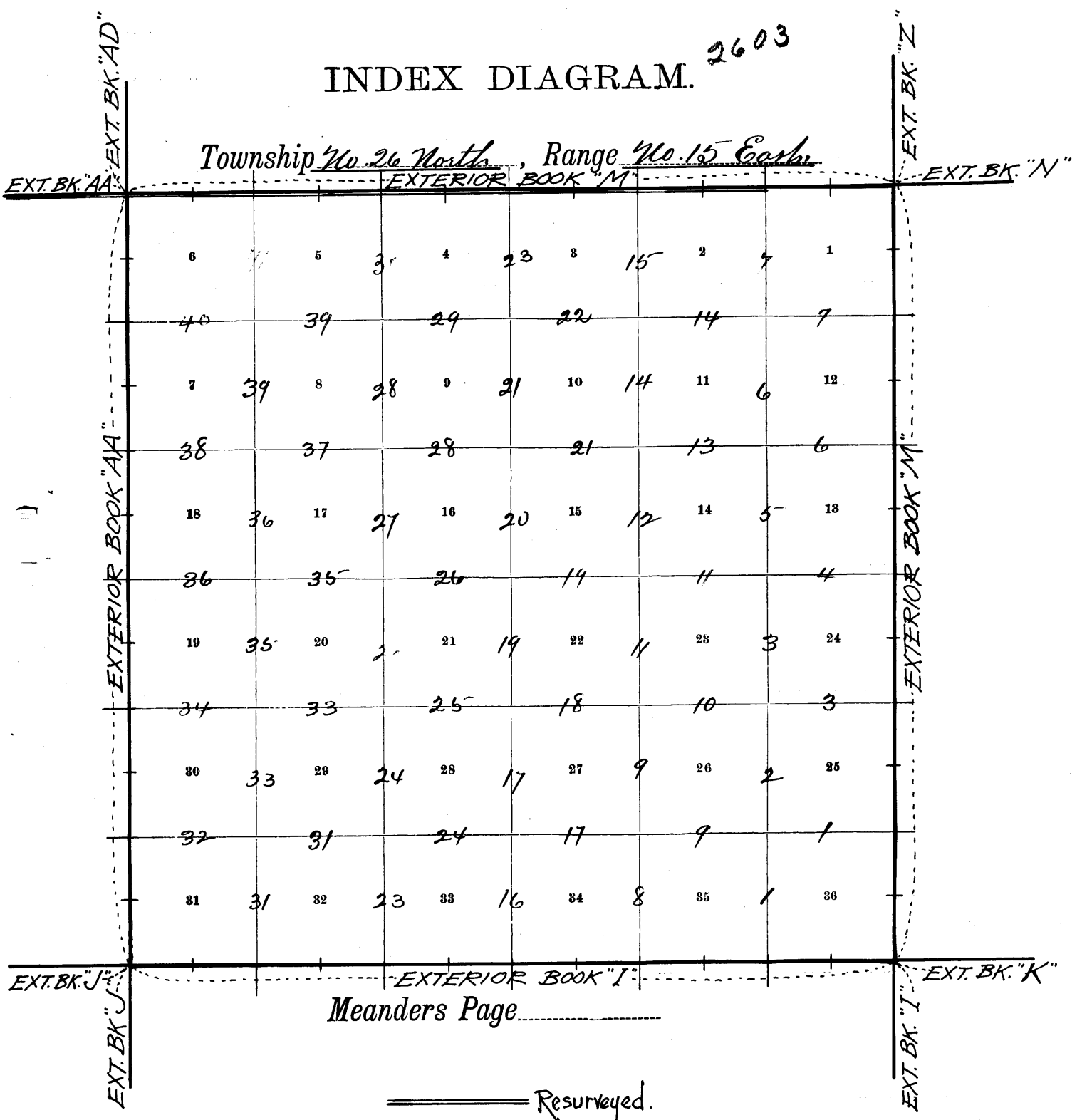
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BOOK 2603

2603

# INDEX DIAGRAM.

Township No. 26 North, Range No. 15 East



Meanders Page

Resurveyed.

BOOK 2603

PRELIMINARY OATHS OF ASSISTANTS.  
(same applies to Subdivisional Books "I, L, W, X, Z, ZA, ZB and ZC")

We, Fred L Warner and Earl Albright

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~~ <sup>or survey and resurvey of</sup>

the Subdivisional lines of Townships No. 25, 26, 27 and 28 North of Ranges No. 14 and 15 East and Township 25 North, Range 13 East, of the G. & S. R. B. & M., Arizona.

Fred L Warner, Chainman.

J. G. White and Earl Albright, Chainmen.

Subscribed and sworn to before me this 14<sup>th</sup> day of October, 1909



Sidney E. Blouh  
U.S. Examiner of Surveys

We, William B Carson and Chas L Shumway

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment <sup>or re-establishment</sup> of corners, according to the instructions given us, to the best of our skill and ability, in the survey ~~of~~ <sup>or survey and resurvey of</sup>

the Subdivisional lines of Townships No. 25, 26, 27 and 28 North of Ranges No. 14 and 15 East and Township 25 North, Range 13 East, of the G. & S. R. B. & M., Arizona.

Ralph C Sampson and Wm B Carson, Moundman.  
Chas L Shumway, Moundman.

Subscribed and sworn to before me this 14<sup>th</sup> day of October, 1909



Sidney E. Blouh  
U.S. Examiner of Surveys

We, Chas L Shumway

do solemnly swear that I will well and truly perform the duties of ~~axman~~ <sup>axman</sup> in the establishment <sup>or reestablishment</sup> of corners and other duties, according to instructions given ~~me~~ <sup>me</sup> to the best of ~~my~~ <sup>my</sup> skill and ability, in the survey ~~of~~ <sup>or survey and resurvey of</sup>

the Subdivisional lines of Townships No. 25, 26, 27 and 28 North of Ranges No. 14 and 15 East and Township 25 North, Range 13 East, of the G. & S. R. B. & M., Arizona.

Charles L Shumway, Axman.

Subscribed and sworn to before me this 14<sup>th</sup> day of October, 1909



Sidney E. Blouh  
U.S. Examiner of Surveys

I, Ralph C Sampson, 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 <sup>or survey and resurvey</sup> survey of

the Subdivisional lines of Townships No. 25, 26, 27 and 28 North of Ranges No. 14 and 15 East, and Township 25 North, Range 13 East, of the G. & S. R. B. & M., Arizona.

Ralph C Sampson, Flagman.  
Wm B Carson, Flagman.

Subscribed and sworn to before me this 14<sup>th</sup> day of October, 1909



Sidney E. Blouh  
U.S. Examiner of Surveys

## Subdivision of Twp 26 N. R15 E.

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Survey commenced October 15<sup>th</sup> 1909 and executed with a W. & L. E. Gurley engineers transit No. 76 with a Burt solar attachment. The horizontal limb is provided with one double vernier reading to single minutes of arc. The verniers of the latitude and declination arcs reading to 0' 30" of arc.

Examine the adjustments of the transit and find them perfect, and know from recent tests of the solar, by comparing the results of observations made on the sun during a.m. and p.m. hours with a meridian determined by observations on Polaris that the instrument is in satisfactory adjustment, therefore I proceed to the cor. of sec. 35 and 36 on the S. bdy. of Twp 26 N. R15 E. which I established November 3<sup>rd</sup> 1908, and described in Exterior Book "1" Latitude  $35^{\circ} 35' 48''$  N. Longitude  $110^{\circ} 42' 14''$  W. and on this cor. I set off  $35^{\circ} 36' 16''$  on the lat. arc.  $8^{\circ} 24'$  S. on the decl. arc. and at 8<sup>h</sup> 00<sup>m</sup> a.m. <sup>l.m.t.</sup> determined a meridian with the solar. Thence I run.

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

Descend N. slope over rolling 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  $\frac{1}{4}$  sec. cor. marked on brass cap 48 35 on W. half and 36 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.

42.00 Foot of descent in depression bears N.E. and S.W., drains to N.E. ascend S.E. slope.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 25, 26, 35 and 36 marked on brass cap. T26 N S 26 in N.W. R15 E S 25 in N.E. S 36 in S.E. and S 35 in S.W. quadrant.

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

Land rolling.

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

No timber.

S  $89^{\circ} 54'$  E over random line beh. sec. 25 and 36.

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

- 80.00 Intersect E. ldy. of Twp. 2 lks. N. of the cov. of sec. 25, 30, 31, and  
estab. by me in Nov. 1908 and described in Exterior Book "M"  
36'A of Thesee Drum  
N 89° 53' W on a true line bet. sec. 25 and 36.  
Ascend S.E. slope over rolling sandy land through sage  
and greasewood bush undergrowth and bunch grass
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in  
the ground. for  $\frac{1}{4}$  sec. cov. marked on brass cap  $\frac{1}{4}$  S 25  
on N. half and S 36 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  
cov.  
This cov. is situated at top of ascent on sand ridge, bears  
N.W. and S.E. desc. west slope.
- 48.00 Dry sand wash 25 lks. wide course S.E. asc. S.E. slope.
- 80.00 The cov. of sec. 25, 26, 35 and 36, hereinbefore described.  
Land rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber
- No. 01 W. bet. sec. 25 and 26.  
Ascend S.E. slope of sand ridge over rolling and hilly  
sandy land through sage and greasewood bush  
undergrowth and bunch grass.
- 20.00 Top of sand ridge bears N.W. and S.E. desc.
- 30.00 Dry sand wash 30 lks. wide 1 ft. deep course S.E. asc.
- 36.00 Top of ridge bears N.E. and S.W. desc.
- 38.75 Dry sand wash 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. cov. marked on brass cap  $\frac{1}{4}$  S 26 on W.  
half and S 25 on E. half.  
Dig pits 18x18x12 ins. N and S. of post 3 ft. dist. and  
raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cov.
- NOTE On this cov. I set off  $8^{\circ} 28\frac{3}{4}'$  S. on the decl. arc and at  
noon observe the sun on the meridian and obtain  
on the lat. arc a reading of  $35^{\circ} 37' 76$ .
- 63.50 Leave sandy land bears N.E. and S.W. enter stony land  
bears N.E. and S.W. ascend abruptly.
- 76.80 Top of abrupt rocky ascent, leave stony land bears N.E.  
and S.W. enter sandy land bears N.E. and S.W., asc.  
gradually.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the

Chain

ground for cor of sec. 23, 24, 25 and 26., marked out  
 brass cap T26 N 3 23 in NW, R15 E. S24 in NE. S 25 in  
 SE and S26 in SW quadrants.

Raise a mound of stone 3ft. base, 1 1/2 ft. high W. of cor.  
 Pits impracticable.

Land rolling and hilly.

Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber.

40.00 S89°53' E on a random line bet. sec. 24 and 25  
 Sec temp. 1/4 sec, cor.

79.88 Intersect E. liny. of th. 5 lks. S. of the cor. of sec.  
 estab. by me in Twp. 1908 and described in Exterior Book "M"  
 19, 24, 25 and 30 A Three S run

14.00 N89°55' W. on a true line bet. sec. 24 and 25  
 Ascend S.E. slope over rolling sandy land through  
 sage and greasewood brush and bunch grass.

20.80 Top of sand ridge from N and S. desc. gradually.

39.94 Dry ravine course S.E. asc.

See 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 S24 on  
 N. half and S 25 on S half.

Dig pits 18x18x12 in. E and 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.

43.00 Top of sand ridge from N and S. desc. gradually  
 over W. slope.

69.50 Foot. of descent. leave sandy land bears N.E. and S.W.  
 Enter stony land bears N.E. and S.W. Ascend abruptly  
 over S.E. slope.

71.85 Top of abrupt rocky ascent, leave stony land bears  
 N.E. and S.W. ascend gradually over sandy land  
 bears N.E. and S.W.

79.88 The cor. of sec. 23, 24, 25 and 26, heretofore described.  
 Land rolling and hilly.  
 Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber.

N0°01' W. bet. sec. 23 and 24.

Ascend S.E. slope over hilly sandy land through sage

BOOK 2603

and greasewood bush undergrowth and bunch grass  
 49.00 Set an iron post 3ft. long, 1 in diam. 26 ins. in the ground  
 for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 23 on W. half and  
 S 24 on E. half.  
 Dig pits 18x18x12 ins. N and S. of post 3ft. dish, and raise a  
 mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 41.30 Top of sand ridge bears N.E. and S.W. desc.  
 53.00 Dry ravine 40 lbs. wide 2ft. deep course W. asc.  
 71.00 Top of sand ridge bears N.E. and S.W. desc. NW slope over  
 gravelly land.  
 80.00 Set an iron post 3ft. long 2 ins in diam. 24 ins in the  
 ground for cor. of sec. 13, 14, 23 and 24 marked on brass  
 cap T 26 N. S 14 in NW. R 15 E S 13 in N.E. S 24 in S.E.  
 and S 23 in S.W. quadrants  
 Raise a mound of stone 2ft. base,  $1\frac{1}{2}$  ft. high W. of  
 cor. Pits impracticable.  
 Land hilly.  
 Soil sandy and gravelly 3<sup>rd</sup> rate.  
 No timber.

S 89° 55' E on a random line bet. sec. 13 and 24  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect E. bed. of tp. 4 lbs S. of the cor. of sec.  
 estab. by me in Twp. 1908 and described in Section Book "M"  
 13, 18, 19 and 24. Thence S run  
 N 89° 57' W. on a true line bet. sec. 13 and 24.  
 Ascend E. slope over hilly sandy land. through sage  
 and greasewood bush undergrowth and bunch grass.  
 4.00 Top of ridge bears N.E. and S.W. desc.  
 11.25 Dry ravine course N.E. asc.  
 12.00 Top of ridge bears N. and S. desc.  
 13.70 Dry ravine course S.E. asc.  
 37.96 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 13  
 on N. half and S 24 on S. half  
 Dig pits 18x18x12 ins E and W. of post 3ft. dish, and raise  
 a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor.  
 58.70 Top of ascent on E. edge of mesa. level hilly land  
 bears N.E. and S.W. center level sandy land bears  
 N.E. and S.W.  
 74.00 W. edge of mesa, level land bears N.E. and S.W.



chains

Enter hilly land from N.E. and S.W. desc. steeply over N.W. slope.

79.92 The cov. of secs. 13, 14, 23 and 24, heretofore described.  
Land level rolling and hilly.  
Soil sandy and granly 3<sup>rd</sup> rate.  
No timber.

October 15<sup>th</sup> 1909

Oct 18<sup>th</sup> 1909 At 8<sup>h</sup> 15<sup>m</sup> a.m. <sup>l.m.t.</sup> Set off 35° 38½' on the lat. arc. 9° 30½' S on the decl. arc and determined a meridian with the solar at the cov. of secs 13, 14, 23 and 24<sup>heretofore described</sup> Thence I run

N 0° 01' W. bet. secs 13 and 14.

Descend N.W. slope of mesa over hilly sandy land, through sage and greasewood bush undergrowth, and bunch grass.

10.65 Dry rocky ravine 100 lbs. wide 10 ft. deep course S.W. asc. S.E. slope.

12.00 Top of ridge from N.E. and S.W. desc.

22.20 Dry ravine course W. asc.

24.00 Top of ridge from E. and W. desc. gradually

29.25 The slope changes from gradual to steep.

39.70 Dry rocky ravine course S.W. ascend.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cov. marked on brass cap ¼ S 14 on W. half and S 13 on E. half.

Raise a mound of stone 2 ft. base 1½ ft. high W. of cov. pits impracticable.

41.50 Top of ridge from N.E. and S.W. desc. N.W. slope.

80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins. in the ground for cov. of secs. 11, 12, 13 and 14, marked on brass cap T 26 N. S 11 in NW R 15 E S 12 in N.E. S 13 in S.E. and S 14 in S.W. quadrant

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

Land hilly.

Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

Subdivision of T<sub>26</sub>N, R<sub>15</sub>E.

BOOK 2603

- S 89° 57' E on a random line bet. sec. 12 and 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.82 Intersect E bdy. of T<sub>26</sub> 5 lks. S. of the cor. of sec. 12, 13 and 14. estab. by me in Nov. 1908 and described in Exterior Book "M" Thence S run
- N 89° 59' W. on a true line bet. sec. 12 and 13.  
 Descend S.W. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass
- 37.00 Foot of descent in depression bears N.W. and S.E. drains to N.W. cor.
- 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 brass cap T<sub>45</sub> 12 on N. half and S 13 on S. half.  
 Dig pits 18x18x12 ins. E and W. of post 3 ft. dist. and raise a mound of earth 3  $\frac{1}{2}$  ft. base 1  $\frac{1}{2}$  ft. high N. of cor.
- 50.00 Top of ridge bears N. and S. desc. W. slope.
- 79.82 Pick cor. of sec. 11, 12, 13 and 14, heretofore described.  
 Land rolling and hilly.  
 Soil sandy and gravelly 3<sup>rd</sup> rate.  
 No timber.
- 
- N 0° 01' W. bet. sec. 11 and 12  
 Descend N.W. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass
- 28.00 Foot of descent in depression bears E. and W. drains to the W. cor. S. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{2}$  sec. cor. marked on brass cap T<sub>45</sub> 11 on W. half and S 12 on E. half.  
 Raise a mound of stone 2 ft. base, 1  $\frac{1}{2}$  ft. high. W. of cor. Pits impracticable.  
 This cor. is situated on top of sand ridge, bears E. and W. desc. N. slope.
- 79.00 Dry ravine course N.E. cor.
- 80.00 Set an iron post, 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of sec. 1, 2, 11 and 12. marked on brass cap T<sub>26</sub> N, S 2 in N.W. R<sub>15</sub> E S 1 in N.E. S 12 in S.E. and S 11 in S.W. quadrants.  
 Dig pits 18x18x12 ins. in each sec. 5  $\frac{1}{2}$  ft. dist. and raise

Blains

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a mound of earth 4 ft. base, 2 ft. high W of cor.  
Land rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

40.00 S 89° 59' E on a random line bet. sec. 1 and 12  
Sth temp. 1/4 sec. cor.  
79.88 Intersect E. bdy. of Tps 3. lkv. S. of the cor. of sec 1.  
estab. by me in Nov 1908 and described in Exterior Book "M"  
6. 7 and 12. Stence & Run

West. on a true line bet. sec. 1 and 12.  
Over rolling sandy land, sloped to W. through sage and  
greasewood brush undergrowth and bunch grass.  
5.00 Depression bears N and S. drains to the N. are. W slope  
of ridge.

31.00 Top of ridge from N and S. desc. gradually on W. slope.  
39.94 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 1  
on N. half and S 1/2 on S half.

Dig pits 18 x 18 x 12 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.

79.80 Dry ravine 20 lks. wide course N. are.

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

NOTE At this cor. set off 9° 35' S. on the decl. arc and at  
noon observe the sun on the merid. arc, the resulting  
latitude being 35° 40' N.

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

80.14 Intersect N. bdy. of Tps 5 lkv. S 89° 59' E of the cor. of sec. 1, 2.  
recently re-estab. by me and described in Exterior Book "M"  
35 and 36. Stence & Run

S 0° 03' E on a true line bet. sec. 1 and 2.  
Descend S slope over hilly sandy land through sage  
and greasewood brush undergrowth and bunch grass  
2.00 Dry ravine course S.W. are.

8.00 Top of sand ridge from N.E. and S.W. desc.

10.15 Dry ravine 6 ft. deep course S.W. are.

Lbains

BOOK 2603

- 13.80 Top of gravelly ridge bear NE and SW. desc.
- 24.00 Dry ravine course W. asc.
- 39.50 Top of gravelly hill bear E. and W. desc gradually over S.W. slope.
- 40.14 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 2 on W. half and S 1 on E. half.  
Dig pits 18x18x12 in. 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.
- 48.60 Dry ravine course W. asc.
- 51.75 Top of ridge bear NW. and SE. desc.
- 57.00 Dry sand wash 50 lbs wide course NW. asc.
- 73.15 Top of sand ridge bear E. and W. desc gradually.
- 80.14 Full cor. of sec. 1, 2, 11 and 12, heretofore described.  
Sand hilly.  
Soil sandy and gravelly 3<sup>rd</sup> rate.  
No timber.

October 18<sup>th</sup> 1909

- October 16<sup>th</sup> 1909, Ab 7<sup>h</sup> 45<sup>m</sup> <sup>l.m.t.</sup> a.m. x S. Sec. off. 35° 35 $\frac{1}{2}$ ' 70. on the lab. arc, 8° 45 $\frac{1}{2}$ ' on the decl. arc. and determined a meridian with the solar ab. the cor. of sec. 2, 3, 34 and 35 on S. Poly. of Pp. 1 Thence I run N 0° 01' W. to cor. 34 and 35 -  
Descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
- 37.50 Depression bear NE and SW. drain S.W. ascend
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass Cap  $\frac{1}{4}$  S 34 on W. half and S 35 on E. half.  
Dig pits 18x18x12 in. 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.
- 54.00 Top of sand ridge bear NE and SW. desc.
- 66.00 Proof of descent in depression bear NE and SW. drain to S.W. asc.
- 79.00 Top of ridge bear NE and SW. desc.
- 80.00 Set an iron post 3 ft. long 2 in. in diam 24 in. in the ground for cor. of sec. 26, 27, 34, and 35. marked on brass Cap T 26 N. S 27 in NW, R 15 E. S 26 in NE. S 35 in S.E and S 34 in S.W. quadrants.

Subdivision of T<sub>1</sub> 26 N. R 15 E.

Chains

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

Sand rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

S 89° 54' E on a random line bet. sec. 26 and 35.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N and S. line 1 l<sup>ks</sup> S. of the cor. of sec. 25, 26, 35 and 36, <sup>hereinbefore described</sup> Thence Draw

N 89° 54' W. on a true line bet. sec. 26 and 35

Ascend S.E. slope over rolling sand hills. through sage and greasewood brush undergrowth and bunch grass.

24.00 Top of sand ridge toward N.E. and S.W. desc. N.W. slope

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 ¼ S 26 on N. half and S 35 on S. half.

Dig pits 18x18x12 ins. East W. of post 3 ft. dish. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.

80.00 The cor. of sec. 26, 27, 34 and 35, hereinbefore described.

Sand rolling and hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

N 0° 01' W. bet. sec. 26 and 27.

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

11.00 Dry sand wash 40 l<sup>ks</sup>, wide 3 ft. deep. Course S.W. descend.

24.50 Top of sand ridge toward N.E. and S.W. desc. steeply.

38.80 Dry ravine 30 l<sup>ks</sup>. wide 1 ft. deep course S.W. asc.

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 ¼ S 27 on W. half and S 26 on E. half.

Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
Pits impracticable

BOOK 2608

- 45.30 Top of ridge bears N.E. and S.W. desc.  
 46.60 Dry ravine 50 lbs. wide 3 ft. deep course S.W. asc.  
 48.00 Top of ridge bears E and W. desc.  
 49.40 Sand ravine course S.E. asc.  
 50.00 Top of spur bears E and W. desc  
 51.35 Sand ravine course S.W. asc. steeply.  
 52.30 Top of adobe ridge bears N.E. and S.W. desc.  
 68.76 Dry ravine 40 lbs wide 3 ft. deep course S.W. asc.  
 77.00 Top of adobe ridge bears N.E. and S.W. desc. steeply  
 80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins  
 in the ground for cor. of sec. 22, 23, 26, and 27  
 marked on brass cap T 26 N 322 in N.W. R 15 E S 23  
 in N.E. S 26 in S.E. and S 27 in S.W. quadrants.  
 Dig pits 18x18x12 ins. in each sec 5 1/2 ft. dia.  
 and raise a mound of earth 4 ft. base 2 ft. high  
 W. of cor.  
 Sand hilly.  
 Soil sandy and adobe 3<sup>rd</sup> and 4<sup>th</sup> rate,  
 No timber.

NOTE

At this cor. Set off 8° 51' N. on the decl. arc and  
 at noon observe the sun on the meridian and  
 obtain on the lat. arc a reading of 35° 38' N.

- 89° 54' E on a random line bet. sec. 23 and 26.  
 40.00 Set temp. 1/4 sec. cor.  
 80.10 Intersect N and S. line 8 lbs. S. of the cor. of sec.  
 23, 24, 25 and 26, <sup>hereinbefore described</sup> Thence I run  
 N 89° 57' W. on a true line bet. sec. 23 and 26.  
 Ascend steep S.E. slope over hilly sandy land through  
 sage and greasewood brush undergrowth and brush grass  
 13.00 Top of high sand ridge bears N.E. and S.W. desc.  
 31.30 Low sandy land bears N.W. and S.E. Enter stony land bears N.W. and S.E.  
 39.40 Low stony land bears N.W. and S.E. Enter clayey  
 land.  
 40.05 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 23 on N. half and S 26 on S. half.  
 Raise a mound of stone 2 ft. base 1 1/2 ft. high.  
 W. of cor.  
 66.00 Dry ravine course S.W. ascend ridge.  
 68.00 Top of ridge bears N.E. and S.W. desc. steeply.

Chains

11

71.40 Dry ravine course S.W. asc.  
 75.40 Top of ridge bears N.E. and S.W. desc.  
 80.10 The cor. of secs. 22, 23, 26 and 27, hereinbefore described.  
 Land hilly.  
 Soil sandy clayey and stony 2<sup>nd</sup> and 4<sup>th</sup> rate.  
 No timber.

W<sup>o</sup> or W. lch. sec 22 and 23.  
 Descend steep N.W. slope over hilly sandy land.  
 3.00 Dry ravine 20 lbs. wide 1 ft. deep course W. ascend  
 S. slope of clay ridge  
 14.40 Top of ridge bears N.E. and S.W. desc  
 22.00 Foot of descent in depression from N.E. and S.W. draw to S.W.  
 ascend steep rocky S.E. slope of mesa.  
 40.00 Set an iron post 3 ft. long in a draw 26 ins in  
 the ground for  $\frac{1}{4}$  sec. cor. marked on bear cap.  
 S 22 on W half and S 23 on E. half  
 Raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft high W.  
 of cor.

43.50 Top of mesa bears N.E. and S.W. desc over N slope  
 44.35 North edge of mesa bears N.E. and S.W. desc abruptly  
 48.00 Foot of abrupt descent bears N.E. and S.W. bears  
 stony land bears N.E. and S.W. enter sandy land bears  
 N.E. and S.W. desc. gradually.  
 73.20 Dry ravine 2 ft. deep course W. asc.  
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins in  
 the ground for cor of secs. 14, 15, 22 and 23. marked on  
 bear cap T 26 N, S 15 in N.W. R 15 E. S 14 in N.E. S 23 in  
 S.E. and S 22 in S.W. quadrants  
 Raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high W  
 of cor. Pits impracticable  
 Land hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber

S 89° 57' E on a random line bet sec 14 and 23  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N and S line 10 lbs. N. of the cor. of secs. 13, 14,  
 23 and 24, <sup>hereinbefore described</sup> Thence run  
 W 89° 53' W. on a true line lch. sec. 14 and 23.  
 Descend N.W. slope over hilly sandy and stony land  
 26.00 West edge of mesa bears N.E. and S.W. descend

BOOK 2603

- abruptly over stony land.
- 38,25 Dry ravine course n.w., asc. ridge.
- 39,00 Top of ridge bears n and s. desc. w. slope
- 39,75 Dry ravine course n. asc.
- 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  $\$14$  on n. half and  $\$23$  on s. half.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Pits impracticable
- 41,50 Top of ridge bears n. and s. desc
- 44,00 Dry ravine course n. asc steeply
- 45,50 Top of Clay ridge bears n. and s. desc. w. slope
- 51,70 Dry. ravine 10 lbs wide 3 ft. deep course n.w.
- 53,40 Sand ravine course s.w.
- 62,00 Sand ravine course n.w. ascend clay ridge.
- 63,50 Top of ridge bears n. and s. desc.
- 64,85 Dry ravine 2 ft deep course s.w. asc.
- 67,20 Dry ravine 3 ft. deep 10 lbs wide course s.w. asc.
- 79,98 The cor. of sees 14, 15, 22 and 23, heretofore described.  
Land hilly.  
Soil sandy and clayey 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

Oct. 16 - 1909

- October 19<sup>th</sup> 1909 Ch. 7<sup>h</sup> 30<sup>m</sup> a.m. l.m.t. Set off 35 38' n. on the lab. arc. 9° 51' S on the decl. arc and determine a meridian with the solar at the cor. of sees 14, 15, 22, and 23, <sup>heretofore described</sup> Thence I run N 0° 01' W. bet. sees 14 and 15.  
Ascend S. slope of ridge over hilly land through scattering sage brush undergrowth and bunch grass
- 2,25 Top of gravelly ridge bears E. and W. desc.
- 5,00 Foot of declub clear hilly land bears E. and W. Enter level land bears E. and W.
- 13,00 Dry sand wash 25 lbs. wide 2 ft. deep course W
- 33,90 Dry sand wash 10 lbs. wide 1 ft. deep 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.  $\$15$  on W half and  $\$14$  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.
- 42,40 Rear level land bears N.E. and S.W. Enter hilly land



Chains

64.00	Leaves N.E. and S.W. ascend steep rocky S.E. slope of mesa Top of rocky ridge leaves N.E. and S.W. desc. steeply over N.W. slope
68.30	Dry ravine Course S.W. asc. steeply
72.40	Top of ascent on edge of mesa leaves E and W. leads hilly land leaves E and W., enters rolling sandy and gravelly land leaves E and W.
80.00	Set an iron post 3 ft. long 2 ins. in diam 24 ins in the ground for cor. of Secs. 10, 11, 14 and 15 marked on brass cap T 26 N. S 10 in N.W. R 15 E S 11 in N.E. S 14 in S.E. and S 15 in S.W. quadrants. Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land rolling hilly and level. Soil sandy gravelly and stony 3rd and 4th rate. No timber
40.00	S 89° 53' E on a random line bet. sec. 11 and 14 Set temp. 1/4 sec. cor.
79.98	Intersect N and S. line 3/4 km N. of cor. of sec. 11, 12, 13 <sup>heretofore described</sup> and 14. Thence draw
15.00	N 89° 52' W. on a true line bet. sec. 11 and 14 Descend N.W. slope over rolling sandy land through sage and greasewood brush and bunch grass Foot of descent in depression leaves N.W. and S.E. drains to the N.W. asc N.E. slope
26.00	Top of gravelly ridge leaves N.E. and S.W. desc.
39.99	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap S 11 on N half and S 14 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.
52.00	Dry ravine Course N.E. asc.
61.25	Top of sand ridge leaves N.E. and S.W. desc.
65.00	Foot of descent in depression leaves N.E. and S.W. drains N.E. asc.
79.98	The cor. of sec. 10, 11, 14, and 15, heretofore described. Land rolling. Soil sandy and gravelly 3rd rate.

BOOK 2603

N 0° 01' W. bet. sees. 10 and 11.

Descend N.E. slope over hilly sandy land covered with sage and greasewood bushes undergrowth and bunch grass.

17.40 Dry sand wash 20 lbs wide course N.E. asc.

26.65 Top of sand ridge trans N.E. and S.W. desc steeply over N.W. slope.

39.00 Sand stone ledge 5 ft. high trans 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 10 on W. half and S 11 on E half.

Raise a mound of stone 3 ft. base 1 1/2 ft. high. W of cor. Pit's impracticable

40.55 North edge of mesa trans N.E. and S.W. Lead sandy land trans N.E. and S.W. desc. abruptly over stony hilly land.

53.50 Dry ravine course S.W. asc.

54.50 Top of sand knoll trans E. and W. desc. 30 ft. high.

61.40 Dry ravine 20 lbs. wide course N.E. asc.

78.25 Road from Winslow Ariz to Oraibi Ariz trans 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 sees 2, 3, 10, and 11 marked on brass cap T 26 N. S. 3 in N.W. R 15 E S 2 in N.E. S 11 in S.E. and S 10 in S.W. quadrants.

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

Land hilly.

Soil sandy and gravelly 3rd rate.

No timber.

At this cor. I set off 9° 56 1/2' S on the decl. arc and at noon observed the sun on the meridian and obtain on the lat. arc a reading of 35° 40' N. nearly for the latitude of this place

S 89° 52' E on a random line bet. sees 2 and 11  
40.00 Set temp  $\frac{1}{4}$  sec. cor.79.88 Intersect 1/4 and 3/4 line 8 lbs. S of the cor. of sees 1, 2, 11 and 12, <sup>hereinbefore described</sup> Hence Done

N 89° 55' W w'd true line bet. sees 2 and 11

Chain

Ascend E. slope of sand ridge, over hilly sandy land through sage and greasewood brush and bunch grass.

8,00 Top of sand ridge bears N. and S. desc

25.00 Foot of descent in depression bears N. and S. drains to the N. asc.

39.94 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. Cor. marked on brass cap  $\frac{1}{4}$  S 2 on N. half and S 11 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.

50.00 Top of gravelly ridge bears N.E. and S.W. desc.

54.60 West edge of mesa bears sandy land bears N.E. and S.W. enter stony land bears N.E. and S.W. desc. abruptly over N.W. slope.

69.60 Foot of abrupt descent. bears stony hilly land bears N.E. and S.W. Enter rolling sandy land bears N.E. and S.W. desc. gradually.

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

79.88 The cor. of secs. 2, 3, 10 and 11 hereinbefore described. Land hilly and rolling. Soil sandy gravelly and stony 3<sup>rd</sup> and 4<sup>th</sup> rate. No timber.

270° 01' W. on a random line bet. secs. 2 and 3.

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

80.10 Intersect N. bdy of Twp. 10 <sup>38° 56' E.</sup> of the cor. of sec. 2, 3, 34 and 35 <sub>1</sub> <sup>Thence S run</sup> recently re-established by one find described in Exterior Book "M"

20° 5' E on a true line bet. secs. 2 and 3.

Over level adobe bottom land not subject to overflow through sage and greasewood brush and bunch grass

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

40.10 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap.  $\frac{1}{4}$  S 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  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor

16

Chain

BOOK 2003

- 53.55 Right bank of the Crabi Wash 25 ft. high bears N.E. and S.W.
- 55.00 Center of Wash (dry) course S.W.
- 57.40 Left bank of the Crabi Wash 25 ft. high bears N.E. and S.W.
- 61.15 Road from Winslow Arizona to Crabi Arizona bears N.E. and S.W.
- 63.00 Leave level bottom land bears N.E. and S.W. Enter rolling land bears N.E. and S.W. ascend gradually over N.W. slope.
- 80.10 The cor. of secs. 2, 3, 10 and 11, heretofore described. Land level and rolling. Soil sandy and adobe 3<sup>rd</sup> rate. No timber.

October 19<sup>th</sup> 1909

- 1909  
October 20<sup>th</sup> <sup>L.M.T.</sup> Ah 8 h 15<sup>m</sup> a.m. set off. 35° 36' N. on the lat. arc 10° 14' S. on the decl. arc and determine a meridian with the solar ab the cor. of sec. 3, 4. estab. by me in Nov 1908 and described in Exterior Book "I" 33, and 34 on the S. side of the Twp. Hence I run N 0° 00' W. bet. sec. 33 and 34.
- Descend gradually N.W. slope over rolling sandy land through sage and greasewood bush and bunch grass
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap.  $\frac{1}{4}$  3 33 on W. half and S. 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 $\frac{1}{2}$  ft. base 1 $\frac{1}{2}$  ft. high W. of cor.
- 54.85 Dry sand wash 15 ft. wide 8 ft. deep course W. asc. gradually over S. slope of sand ridge.
- 56.00 Top of ridge bears E. and W. desc.
- 59.00 Dry ravine course S.W. asc. gradually.
- 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. S. 28 in N.W. R 15 E S 27 in N.E. S 34 in S.E. and S 33 in S.W. 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 rolling

Chain

17

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

40.00 S 89° 54' E on a random line bet. sec. 27 and 34  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line 2 lks. S. of the cor. of sec. 26  
27, 34. and 35. <sup>heretofore described</sup> Thence S run

N 89° 55' W, on a true line bet. sec. 27 and 34

Descend ~~S~~ slope over rolling sandy land through  
sage and greasewood brush undergrowth and  
bunch grass.

N.W.

22.10 Dry ravine 50 lks. wide 2 ft. deep. course S.W. asc.  
Gradually over S.E. slope of sand ridge.

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

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

43.70 Dry ravine 50 lks. wide 1 ft. deep course S.W. asc.

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

53.00 Dry ravine 25 lks. wide 3 ft. deep course S.W. asc.  
S.E. slope of sand ridge.

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

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

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

N 0° 02' W, bet. sec. 27 and 28.

Ascend S.E. slope over low rolling sand hills.  
through sage and greasewood brush undergrowth  
and bunch grass.

33.75 Top of sand ridge bears N.E. and S.W. desc. 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 28 on W. half and S 27 on E. half.

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

BOOK 2603

- W of cor.
- 47.50 Dry ravine Course W. asc.
- 66.40 Top of sand ridge bears E. and W. desc.
- 72.30 Dry ravine 40 lbs. wide 2 ft. deep course S.W. asc  
S.E. slope
- 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 out brass cap T26 N. S 21 in N.W. T15 E S 22  
in N.E. S 27 in S.E. and S 28 in S.W. quadrants.  
Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. and  
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land rolling sand hills.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.
- 
- At this cor. I set off 10° 18 1/4' S. on the decl arc and  
at noon observe the sun on the meridian and  
obtain on the lab. arc a reading of 35° 37 1/2'.
- 
- S 89° 55' E on a random line bet. sec. 22 and 27.
- 40.00 Set temp 1/4 sec. cor.
- 80.02 Intersect N and S. line 2 lbs. N. of the cor. of sec. 22, 23  
26 and 27, <sup>heretofore described</sup> Thence run  
N 89° 54' W. on a true line bet. sec. 22 and 27  
Descend steep N.W. slope over hilly sandy and gravelly  
land through scattering sage and greasewood bush  
undergrowth.
- 20.00 Dry ravine 15 lbs. wide, 4 ft. deep course S.W.
- 36.00 Dry ravine 25 lbs. wide 3 ft. deep course S.W.  
Land undergrowth bears N.E. and S.W. Enter barren  
adobe land bears N.E. and S.W. asc.
- 40.01 Set an iron post 3 ft. long 1 in in diam. 26 ins in the  
ground for 1/4 sec. cor. marked out brass cap 1/4 S 22  
on N. half and S 27 on S half.  
Raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
Pit impracticable
- 53.00 Top of gravelly ridge bears N.E. and S.W. desc.
- 63.25 Dry ravine course S.W. asc. Land barren land bears  
N.E. and S.W. Enter scattering sage and greasewood  
bush undergrowth.
- 80.02 The cor. of sec. 21, 22, 27 and 28, heretofore described.  
Land hilly.

Chain

19

Soil sandy and adobe 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

N 0° 02' W. beh. sec. 21 and 22.

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

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

17.00 Dry ravine 20 lbs. wide Course S.W. asc.

23.25 Top of gravelly ridge bear 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 21 on W half and S 22 on E half.

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

63.92 Dry ravine 50 lbs. wide 3 ft. deep Course W. asc. S. 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. 15, 16, 21 and 22 marked on brass cap T 26 N. S 16 in N.W. R 15 E S 15 in N.E. S 22 in S.E. and S 21 in S.W. quadrants.

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

Land rolling and hilly.

Soil sandy and adobe 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

S 89° 54' E on a random line beh. sec. 15 and 22

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

80.00 Intersect N and S. line 3 lbs. N. of the cor. of sec. 14, 15, 22 and 23, <sup>herebefore described</sup> Thence S run

N 89° 53' W. on a true line beh. sec. 15 and 22.

Descend S.W. slope over barren adobe land.

17.45 Dry sand wash 20 lbs wide  $1\frac{1}{2}$  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 15 on N. half and S 22 on S half.

BOOK 2603

- Dig pits 18 x 18 x 12 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.
- 48.00 Dry raised course S.W. asc. S.E. slope.
- 52.00 Top of adobe ridge toward N.E. and S.W. desc.
- 80.00 The cor. of sec. 15, 16, 21 and 22, heretofore described.  
Land rolling broken and hilly.  
Soil adobe 4<sup>th</sup> rate.  
No timber.

October 20<sup>th</sup> 1909

- October 22<sup>nd</sup> <sup>1909</sup> Det. off 35° 38' Now the lab. arc. 10° 56' S. over the decl. arc and at 7<sup>h</sup> 45<sup>m</sup> a.m. <sup>l.m.t.</sup> determined a meridian with the solar alt. the cor. of sec. 15, 16, 21 and 22. <sup>heretofore described</sup> Thence I run N 0° 02' W. to sec. 15 and 16.
- Ascend S.E. slope over rolling sandy and adobe land through scattering sage and greasewood brush undergrowth and bunch grass.
- 8.00 Top of sand ridge toward N.E. and S.W. desc. N.W. slope
- 37.00 Foot of descent. level rolling land toward N.E. and S.W. Enter level land toward N.E. and S.W.
- 40.00 Set an iron post 3 ft. long 1 1/2 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked w brass cap. 316 on W. half and 315 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.
- 43.00 Road from Winslow Arizona to Oraibi Arizona toward 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. 9, 10, 15 and 16 marked w brass cap. T 26 N. R 15 E S 10 in N.E. S 15 in S.E. and S 16 in S.W. quadrants.
- Dig pits 18 x 18 x 12 ins. in each sec 5 1/2 ft. dia. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.  
Land level and rolling.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
No timber.



- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect N and S. line 10 lks. N. of the cor. of sec. 10, 11, 14 and 15 <sup>heretofore described</sup> Thence  $\nearrow$  run
- N 89° 49' W. on a true line bet. sec. 10 and 15.
- Descend S.W. slope over rolling sandy and adobe land through sage and greasewood brush undergrowth and bunch grass.
- 2.20 Depression bears N.E. and S.W. drains to the N.E. side
- 8.00 Top of sand ridge bears N.W. and S.E. desc. S.W. slope
- 14.50 West edge of mesa bears N.E. and S.W. Leave rolling sandy land bears N.E. and S.W., enter stony land bears N.E. and S.W., descend abruptly over NW. slope.
- 28.75 Foot of abrupt descent. Leave stony land bears N.E. and S.W. Enter sandy and adobe land bears N.E. and S.W. desc. gradually.
- 39.97 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 N. half and S 15 on S half
- Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high. N of cor.
- 52.00 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.
- 54.00 Foot of descent. Leave rolling land bears N.E. and S.W. Enter level land bears N.E. and S.W.
- 79.94 The cor. of sec. 9, 10, 15 and 16, heretofore described. Land level, rolling. broken and hilly. Soil sandy adobe and stony 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> cate. No timber.

- N 0° 02' W bet. sec. 9 and 10
- Over level adobe land through sage and greasewood brush undergrowth and bunch grass.
- 18.16 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.
- 40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap.  $\frac{1}{4}$  S 9 on W. half and S 10 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.

22

Chain

BOOK 2603

51.42 Left bank of the Oraibi Wash 30 ft high bears N.E. and S.W.  
 52.00 Dry bed of Wash course S.W.  
 52.65 Right bank of the Oraibi Wash. 30 ft high 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. 3, 4, 9 and 10 marked on brass cap T<sub>26</sub> N. S<sub>4</sub> in N.W. T<sub>15</sub> E. S. 3 in N.E. S 10 in S.E. and S 9 in S.W. quadrants.

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

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

No timber.

NOTE At this cor. I set off 11' 01" S. on the decl arc and at noon observed the sun on the meridian the resulting latitude being 35° 40' N.

40.00 S 89° 49' E. on a random line bet. sec. 3 and 10.  
 Set temp ¼ sec. cor.

79.90 Intersect N. and S. line 5 lbs. N. of the cor. of sec. 2, 3, 10 and 11 <sup>heretofore described</sup> Thence S run

N 89° 47' W. on a true line bet. sec. 3 and 10.

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

17.00 Foot of descent, leave rolling sandy land bears N.E. and S.W. enter level adobe land bears N.E. and S.W.

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

35.15 Left bank of the Oraibi Wash 30 ft high bears N.E. and S.W.

36.50 Dry bed of Wash course S.W.

37.35 Right bank of the Oraibi Wash 30 ft high bears N.E. and S.W.

39.95 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 3 on N. half and S 10 on S half.

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

79.90 The cor. of sec. 3, 4, 9 and 10, heretofore described.

Land level and rolling.

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

No timber.

chains

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect N. bdy. of Twp. 20 lkw. <sup>589°56'E</sup> of the cor. of sec. recently re-estab. by ~~me~~ and described in Exterior Book "M" 3, 4, 33 and 34. Hence Drum
- So°11'E on a true line bet. sec. 3 and 4.
- Ascend steep rocky n.e. slope over hilly land through sage and greasewood brush undergrowth and bunch grass.
- 2.35 Top of rocky ridge bears E. and W. desc. steeply.
- 17.00 Foot of steep rocky descent bears n.e. and s.w. desc. gradually over rolling sandy land bears n.e. and s.w.
- 25.00 Road to Springtown n.e. and s.w.
- 39.86 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, 4 on W. half and 3 3 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.
- 64.00 Bear rolling land bears n.e. and s.w. Enter level land bears n.e. and s.w.
- 68.25 Road from Winslow Arizona to Oraibi Arizona bears n.e. and s.w.
- 79.86 The cor. of sec. 3, 4, 9 and 10, heretofore described. Land level rolling and hilly. Soil sandy adobe and stony 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> rate No timber

October 22<sup>nd</sup> 1909

- October <sup>1909</sup> 21<sup>st</sup> at 8<sup>h</sup> 20<sup>m</sup> a.m. l.mt. Set off 35°35  $\frac{3}{4}$ ' N. on the lat. arc. 10°36' S. on the decl. arc and determined a meridian with the solar at the cor. of sec. 4, 5. <sup>estab. by me in May 1908 and described in Exterior Book "I" 32 and 33 on the S. bdy. of the Twp. Hence Drum</sup>
- N 0°03' W. bet. sec. 32 and 33.
- Over rolling sandy land slopes to W. through sage and greasewood brush undergrowth and bunch grass
- 3.00 Dry ravine course S.W. arc.
- 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.  $\frac{1}{4}$  32 on W. half and 3 33 on E. half
- Dig pits 18x18x12 ins n. and s. of post 3 ft. dia. and raise a mound of earth 3  $\frac{1}{2}$  ft. base 1  $\frac{1}{2}$  ft. high. W. of cor.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 28 29, 32 and 33 marked

BOOK 2603

on brass cap T<sub>26</sub>N. S<sub>29</sub> in N.W. T<sub>15</sub>E S<sub>28</sub> in N.E. S<sub>33</sub> in S.E. and S<sub>32</sub> in S.W. quadrant.

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

Land rolling.

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

No timber.

N<sup>89°54'</sup> E on a random line bet. sec. 28 and 33.

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

79.96 Intersect N. and S. line 4 lks. S. of the cor. of sec. 27, 28, 33 and 34 <sup>heretofore described</sup> Thence S run.

N<sup>89°56'</sup> W. on a true line bet. sec. 28 and 33.

Ascend S.E. slope of sand ridge on hilly land.

through sage and greasewood bush undergrowth and bunch grass.

8.00 Top of sand ridge bears N.E. and S.W. descend gradually over N.W. slope.

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 on brass cap  $\frac{1}{4}$  S<sub>28</sub> on N. half and S<sub>33</sub> on S half.

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

60.00 Post of descent in depression bears N. and S. thence to the S. ascend E. slope of ridge.

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

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

Land rolling and hilly.

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

No timber.

N<sup>0°03'</sup> W. bet. sec. 28 and 29.

Over rolling sandy land through sage and greasewood bush undergrowth and bunch grass slope to S.W.

33.00 Top of sand ridge bears E and W. desc 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<sub>29</sub> on W. half and S<sub>28</sub> 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.

Subdivision of T<sub>4</sub> 26 N. R 15 E.

Chains

43.00 Dry sand wash 30 lks. wide 3ft. deep Course S.W. asc.

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

77.85 Dry sand wash 50 lks. wide 2ft. deep Course S.W. asc.

80.00 Set an iron post 3ft 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 320 in N.W. R 15 E S 21 in N.E. S 28 in S.E. and S 29 in S.W. quadrants.  
Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dish and raise a mound of earth 4 ft. base 2 ft. high W of cor.  
Land rolling.  
Soil sandy 3rd rate.  
No timber

NOTE At this cor I set off 10° 39 3/4' S. on the decl. arc and at noon observe the sun on the meridian and obtain on the latitude arc a reading of 35° 38.76. nearly,

40.00 S 89° 56' E on a random line bet. sec. 21 and 28  
Set temp. 1/4 sec cor.

80.00 Intersect N and S. line 8 lks. N of the cor. of sec 21, 22 27 and 28 <sup>heretofore described</sup> Hence Drum  
N 89° 53' W on a true line bet. sec. 21 and 28  
Ascend S.E. slope on hilly sandy land through sage and greasewood bush undergrowth and bunch grass.

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

17.00 Depression bears N.W. and S.E., drains to the N.W. asc.

21.30 Top of gravelly ridge bears N and S. desc. W. slope.

40.00 Set an iron post 3ft long 1 1/2 in. in diam, 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on N. half. and S 28 on S half.  
Dig pits 18x18x12 ins. East W. of post. 3ft. dish and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.

42.00 Dry ravine Course S.W. asc.

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

77.00 Dry sand wash 50 lks. wide 2ft. deep Course S.W. asc.

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

BOOK 2603

- No<sup>o</sup> 03' W bet. secs 20 and 21  
 Around S. slope over hilly sandy land through sage  
 and greasewood brush undergrowth and bunch grass
- 14.00 Top of sand ridge bears E and W. desc.
- 18.00 Road from Winslow Ariz to Oraibi Ariz bears NE and SW.
- 37.00 Near hilly land bears NE and SW. Enter level adobe  
 land bears NE and SW.
- 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 4 S 20 on W  
 half and S 21 on E half.  
 Dig pits 18 x 18 x 12 ins 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.
- 62.60 Right bank of the Oraibi Wash. 25 ft. high bears NE and  
 SW.
- 65.00 Center of dry bed of Wash course SW.
- 68.85 Right bank of the Oraibi Wash 25 ft. high. bears  
 NE and SW. thence over level land.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins in  
 the ground for cor. of secs. 16, 17, 20 and 21, marked on  
 brass cap T 26 N. S 17 in NW, N 15 E S 16 in NE. S 21 in  
 SE and S 20 in SW. quadrants  
 Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. and  
 raise a mound of earth 4 ft. base, 2 ft. high. W. of  
 cor.  
 Land level and hilly.  
 Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.
- 
- S 89° 53' E on a random line bet. secs 16 and 21.
- 40.00 Set temp. 1/4 sec. cor.
- 80.04 Intersect N and S line 5 lvs. S of the cor. of secs. 15, 16, 21 and 22,  
 Thence S run heretofore described,
- N 89° 55' W on a true line bet. secs. 16 and 21 Around S. slope of  
 ridge over hilly sandy land through sage and greasewood brush under-  
 growth and bunch grass.
- 2.50 Top of ridge bears N and S. desc.
- 30.00 Top of descen. near hilly land bears NE and SW. Enter level  
 adobe land bears NE and SW.
- 31.95 Road from Winslow Arizona to Oraibi Arizona bears NE and SW.
- 40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for  
 1/4 sec cor. marked on brass cap 1/4 S 16 on N. half and S 21 on S. half.

71.50 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 W. of cor.  
 Left bank of the Oraibi Wash 25 ft. high from N.E. and S.W.  
 72.35 Center of dry bed of Wash Course S.W.  
 73.17 Right bank of the Oraibi Wash 25 ft. high from N.E. and S.W., thence over level land.  
 80.04 Thence over level land.  
 The cor. of sec. 16, 17, 20 and 21, heretofore described.  
 Land rolling and level.  
 Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.

October 21<sup>st</sup> 1909.

October 23<sup>rd</sup> 1909 at 7<sup>h</sup> 30<sup>m</sup> am l.m.t. Set off 35° 38' N. on the lat. arc 11° 17' S on the decl. arc and determine a meridian with the solar at the cor. of sec. 16, 17 20 and 21 heretofore described Thence I run  
 N 0° 03' W. to cor. 16 and 17.  
 Over level adobe land through sage and greasewood brush undergrowth and bunch grass  
 2.20 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.  
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. S 17 on W half and S 16 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.  
 57.70 Leave level land bears N.E. and S.W. Enter rolling sandy land bears N.E. and S.W. Ascend gradually over S.E. slope  
 80.00 Set an iron post 3 ft. long, 2 in. in diam. 24 ins. in the ground for cor. of sec. 8, 9, 16 and 17, marked on brass cap T 26 N. S 8 in N.W. T 15 E. S 9 in N.E. S 16 in S.E. and S 17 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 level and rolling.  
 Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.

BOOK 2603

- 40.00 S89°55' E on a random line bet. sec. 9 and 16  
 Set temp  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect <sup>heretofore described</sup> road S. line 8 lks. N. of the cor. of sec. 9, 10,  
 15 and 16. Thence S run
- N89°52' W. on a true line bet. sec. 9 and 16.  
 Over level adobe bottom land along the Craibi Wash.  
 through sage and greasewood bush undergrowth  
 and bunch grass.
- 10.10 Road from Winslow Arizona to Craibi Arizona bears  
 N.E. and S.W.
- 18.20 Left bank of the Craibi Wash. 30 ft. high. bears N.E. and  
 S.W.
- 18.90 Center of dry bed of Wash. Course S.W.
- 19.70 Right bank of the Craibi Wash bears N.E. and S.W.
- 19.75 A point from which a spring bears N 33° 20' 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 9 on N. half. and S 16 on S half.  
 Dig pits 18 x 18 x 12 ins. East W. of post. 3 ft. dia.  
 and raise a mound of earth 3  $\frac{1}{2}$  ft. base. 1  $\frac{1}{2}$  ft. high.  
 N. of cor.
- 49.60 Road from Winslow Arizona to Craibi Arizona bears  
 N.E. and S.W.
- 50.95 A point from which a spring bears N 8° 05' W.
- 53.08 Road to spring bears N.W. and S.E.
- 75.00 Leave level adobe land bears N.E. and S.W. enter  
 rolling sandy land bears N.E. and S.W. ascend gradually  
 over S.E. slope.
- 80.00 The cor. of sec. 8, 9, 16 and 17, heretofore described.  
 Land level and rolling  
 Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.

N 0° 03' W. bet. sec. 8 and 9.

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

- 40.00 Set an iron post 3 ft. long. 1 in. in diam. 26 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor. marked on brass cap.  $\frac{1}{4}$  S 8 on W  
 half and S 9 on E. half.

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



53.00 Foot of sand stone bluffs, leave rolling sandy land bears N.E. and S.W. enter hilly stony land bears N.E. and S.W. asc. abruptly over cliffs and ledges

78.50 Top of bluffs bears N.E. and S.W. leave stony land bears N.E. and S.W. enter sandy land bears N.E. and S.W. Desc. 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. 4, 5, 8 and 9, marked on brass cap T 26 N 35 in N.W. R 15 E. 34 in N.E. 39 in S.E. and 38 in S.W. quadrants.  
Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist and raised 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> rote.  
No timber

NOTE At this cor I set off 11° 22 1/4 S. on the decl arc and at noon observe the sun on the meridian and obtain on the lat. arc a reading of 35° 40' N.

40.00 Set trap 1/4 sec. cor.  
S 89° 52' E on a random line bet. sec. 4 and 9.

80.04 Intersect N and S. line 2 lds N. of the cor. of sec. 3, 4, 9 herebefore described and 10 ft. Thence I run

N 89° 51' W. on a true line bet. sec. 4 and 9.

Over level adobe bottom land along the Oraibi Wash, through sage and greasewood brush and bunch grass

16.10 Road from Winslow Ariz to Oraibi Ariz bears N.E. and S.W.

18.25 Road from Winslow Ariz to Oraibi Ariz bears N.E. and S.W. joins 1st road 1 ch. N. of line

18.50 Leave level adobe land bears N.E. and S.W. enter rolling sandy land bears N.E. and S.W. ascend gradually over S.E. slope

37.55 Leave sandy land at foot of ridge bears N.E. and S.W. Enter stony hilly land bears N.E. and S.W. ascend abruptly.

39.20 Top of abrupt ascent, leave stony land bears N.E. and S.W. enter sandy land bears N.E. and S.W.

40.02 Set an iron post 3 ft. long 1 1/2 in diam 26 ins in the ground for 1/4 sec. cor. marked on brass cap. 48 400 N. half and 39. on S half

Chain

BOOK 2603

- Raise a mound of stone 2 ft. base 1 1/2 ft. high. N. of cor. (It is impracticable).
- 50.70 Top of sandy ridge bears NW. and S.E. desc.
- 59.25 Dry ravine course S.E. asc. over stony S.E. slope of ridge.
- 68.30 Top of sand stone ledge 10 ft. high. bears N.E. and S.W.
- 80.04 The cor. of sec. 4, 5, 8 and 9, heretofore described.  
Land level, rolling and hilly.  
Soil sandy above and stony 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> rates.  
No timber.
- 
- No 03 W on a random line bet. sec. 4 and 5
- 40.00 Set tempo 1/4 sec. cor.
- 79.84 Intersect N. bdy. of Twp. 10 <sup>38° 56' E</sup> of the cor. of sec. recently re-estab. by the well described in Exterior Book "M" 4, 5, 32 and 33. Thence S run
- S 0° 7' E on a true line bet. sec. 4 and 5.
- Ascend N slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
- 39.84 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 50° W. half, and 3/4 on E half.
- Dig pits 18 x 18 x 12 in. N. and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.
- 55.50 Leave rolling sandy land bear NW. and S.E. enter stony hilly land bear NW. and S.E. ascend steep N.E. slope.
- 59.38 Top of steep ascent leave stony land bear NW. and S.E. enter sandy land bear N.E. and S.W. asc. gradually.
- 72.40 Top of ridge bears E. and W. desc. steep S slope.
- 74.70 Dry ravine course S.E. asc. N.E. slope.
- 79.84 The cor. of sec. 4, 5, 8 and 9, heretofore described.  
Land rolling and hilly.  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rates.  
No timber

October 23<sup>rd</sup> 1909

October 25<sup>th</sup> 1909 l.m.t.  
At 8<sup>h</sup> 15<sup>m</sup> am, I set off 35° 36' N. on the lat. arc. 12° 00' S. on the decl. arc. and determine

Chairs

- a meridian with the solar at the cor. of sec. 5, 6, 31 and 32 on the S. l. by of the Twp. estab. by me on Nov. 1908 and described in Exterior Book "J"
- Thence Drive  
 N 0° 03' W. bet. sec. 31 and 32.  
 Over level adobe land through sage and greasewood brush undergrowth and bunch grass.
- 14.25 Left bank of the Craibi Wash. 30 ft. high bears N.E. and S.W.  
 15.25 Center of dry bed of wash. course S.W.  
 16.00 Right bank of the Craibi Wash. 25 ft. high. bears N.E. and S.W. thence over level land.
- 37.00 Road from Winslow Arizona to Craibi Arizona bears N.E. and S.W.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S. 31 on W. half and S 32 on E. half.  
 Dig pits 18 x 18 x 12 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.
- 79.00 Leave level adobe land bears N.E. and S.W., enter rolling sandy land bears N.E. and S.W., ascend gradually over S.E. slope.
- 80.00 Set an iron post 3 ft. long 2 in. 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 15 E. S. 29 in N.E. S. 32 in S.E. and S 31 in S.W. quadrants.  
 Dig pits 18 x 18 x 12 ins. in each sec 5  $\frac{1}{2}$  ft. dish and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.  
 Land level and rolling.  
 Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.
- S 89° 54' E on a random line bet. sec. 29 and 32  
 140.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect N and S. line 10 lks. S. of the cor. of sec. 28, 29, 32 and 33, Thence Drive  
 N 89° 58' W on a true line bet. sec. 29 and 32  
 Over level adobe land through sage and greasewood brush undergrowth and bunch grass.
- 31.72 Road from Winslow Arizona to Craibi Arizona bears N.E. and S.W.

ECON 2603

- 40.02 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 29 on N. half. and S 32 on S. half.  
Dig pits 18 x 18 x 12 in. East W. of post 3 ft. deep and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high N. of cor.
- 54.25 Left bank of the Oraibi Wash. 25 ft. high bears N.E. and S.W.
- 54.85 Center of dry bed of Wash course S.W.
- 55.55 Right bank of the Oraibi Wash. 25 ft. high bears N.E. and S.W. thence over level land.
- 62.29 Road from Winslow Arizona to Oraibi. Ariz bears N.E. and S.W.
- 79.00 Leave level land bears N.E. and S.W. Enter rolling sandy land bears N.E. and S.W. Ascend gradually over S.E. slope.
- 80.04 The cor. of secs. 29, 30, 31 and 32, heretofore described. Land level and rolling.  
Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
No timber.
- 
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.70 Intersect W. bdy. of Twp. 12, Ekv. N. of the cor. of recently estab. by me and described in Exterior Book "AA" Secs. 25, 30 of 31 and 36. Thence run S 89° 54' W. on a random line bet. secs. 30 and 31. Descend gradually S.E. slope over rolling sandy land through Sage and greasewood brush undergrowth and bunch grass.
- 40.70 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 30 on N. half and S. 31 on S. half.  
Dig pits 18 x 18 x 12 in. East W. of post 3 ft. deep. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high. N. of cor.
- 65.55 Sand stone ledge 25 ft. high. bears N.E. and S.W. due.
- 66.00 Foot of ledge bears N.E. and S.W.
- 80.70 The cor. of secs. 29, 30, 31 and 32, heretofore described. Land rolling  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

At this cor<sup>d</sup> set off  $12^{\circ}05' S.$  on the decl. arc and  
 an noon observe the sun on the meridian  
 the resulting latitude being  $35^{\circ}37' N.$

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

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

7.55 Top of gravelly ridge bet<sup>n</sup> N.E. and S.W. desc gradually  
 N.E. slope over rolling sandy land.

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

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

60.00 Top of descent, leave hilly land bet<sup>n</sup> E and W. enter  
 level land bet<sup>n</sup> E and W.

78.00 Leave level land bet<sup>n</sup> E and W. Enter rolling land  
 bet<sup>n</sup> E and W. ascend gradually over S. slope

80.00 Set an iron post, 3 ft. long 2 ins. in diam, 24 ins.  
 in the ground for cor. of sec. 19, 20, 29 and 30  
 marked on brass cap. T 26 N 519 in N.W. R 15 E 320  
 in N.E. S 29 in S.E. and S 30 in S.W. quadrants.

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

Land level rolling and hilly

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

No timber.

40.00  $S 89^{\circ}58' E$  on a random line bet<sup>n</sup> sec. 20 and 29,  
 Set temp  $\frac{1}{4}$  sec. cor.

80.00 Intersect N and S. line 10 lvs. S. of the cor. of sec.  
<sup>heretofore described</sup> 20, 21, 28 and 29. Thence  $\frac{1}{4}$  sec. cor.

$S 89^{\circ}58' W.$  on a true line bet<sup>n</sup> sec. 20 and 29

Over level a do b<sup>o</sup> bottom land through sage and  
 greasewood bush undergrowth and bunch grass.

10.25 Road from Winslow Arizona to Oraibi Arizona  
 bet<sup>n</sup> N.E. and S.W.

BOOK 2603

- 1816 Dry ravine 25 lks. wide banks 3 ft. high. Course S.W.
- 28.45 Left bank of the Oraibi Wash 30 ft. high. bears N.E. and S.W.
- 29.20 Center of dry bed of Wash. Course S.W.
- 30.00 Right bank of the Oraibi Wash. 30 ft. high. bears N.E. and S.W. thence over level land.
- 38.45 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cov. marked on brass cap 14 & 20 on N. half and S 29 on S half. Dig pits 18 x 18 x 12 ins E. and W. of post. 3 ft. deep and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high. N. of cov.
- 78.00 Bears level land bears N.E. and S.W. enter rolling sandy land bears N.E. and S.W. ascend gradually over S.E. slope.
- 80.00 The cov. of secs. 19 20 29 and 30, heretofore described. Land level and rolling. Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate. No timber.

October 25<sup>th</sup> 1909

October 26<sup>th</sup> 1909 At 7<sup>h</sup> 45<sup>m</sup> a.m. Limit D Set off  $35^{\circ} 37\frac{1}{2}'$  N on the lab. arc  $12^{\circ} 19\frac{1}{2}'$  S. on the decl. arc and determine a meridian with the solar at the cov. of secs. 19, 20, 29 and 30, heretofore described.

Thence I run

N  $89^{\circ} 59' W$ . on a random line bet. secs 19 and 30

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

80.62 Intersect W. base of the Twp. at the cov. of secs. recently estab. by me and described in Exterior Book "A" 19, 24, 25 and 30. Thence I run

S  $89^{\circ} 59' E$ . on a true line bet. secs. 19 and 30

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

8.00 Bears level land bears N.W. and S.E. Enter rolling land bears N.W. and S.E. ascend gradually over West slope.

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

40.62 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

Chains

80.62 Cop.  $\frac{1}{4}$  S. 19 on N. half. and S. 20 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.  
The cor. of secs. 19, 20, 29 and 30, heretofore described.  
Land level and rolling.  
Soil sandy 3rd rate.  
No timber.

35.00 N<sup>o</sup> 03' W. bet. secs. 19 and 20.  
Ascend S.E. slope over rolling sandy land through  
sage and greasewood brush undergrowth and  
brush grass.  
40.00 Top of sand ridge bears NW and S.E. desc. gradually  
over N.E. slope  
40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. marked out brass Cop.  $\frac{1}{4}$  S.  
19 on N. half and S 20 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.  
67.00 Foot of descent in a depression bears E and W drains  
to the E. ascend gradually.  
80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins.  
in the ground for cor. of secs. 17, 18, 19 and 20  
marked out brass Cop. T 26 N. S. 18 in NW, T 15 E.  
S. 17 in N.E. S 20 in S.E. and S. 19 in S.W. quadrants.  
Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dia. and  
raise a mound of earth 7 ft. base 2 ft. high.  
W. of cor.  
Land rolling.  
Soil sandy 3rd rate.  
No timber.

40.00 N 89° 58' E. on a random line bet. secs. 17 and 20  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N and S. line 2 lks. N. of the cor. of secs. 16.  
17, 20, and 21. <sup>heretofore described</sup> Hence I run  
S. 89° 59' W. on a true line bet. secs. 17 and 20.  
Over rolling sandy land through sage and greasewood

BOOK 2603

brush under growth and bunch grass  
 0.87 Road from Winslow Arizona to Oraibi Arizona head  
 N.E and S.W.  
 40.00 Set an iron post 3 ft. long 1 in. in dia and 26 ins in the ground  
 for 1/4 sec. cov. 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. dia and  
 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high.  
 N. of cov.  
 54.55 Begin gradual ascent over S.E. slope  
 80.00 The cov. of secs. 17, 18, 19 and 20, hereinafter described.  
 Land rolling  
 Soil sandy 3rd rate  
 No timber

NOTE At this cov I set off 12° 24 1/2' S. on the decl. arc and  
 at noon observed the sun on the meridian the resulting  
 latitude being 35° 38 1/2' N.

40.00 N 89° 57' W. on a random line bet. secs. 18 and 19.  
 Set temp 1/4 sec. cov.  
 80.66 Intersect W. bdy. of Twp. 2 lbs N. of the cov. of sec  
 recently set by grid and described in Exter's Book "AA"  
 18, 18, 19 and 24. Thence I run  
 East on a true line bet. secs. 18 and 19  
 Descend S.E. slope over rolling sandy land through  
 sage and greasewood brush under growth and bunch  
 grass.

17.90 Dry sand wash 15 lbs. wide course S.W. acc.  
 40.66 Set an iron post 3 ft. long 1 in. in dia and 26 ins in the  
 ground for 1/4 sec. cov. marked on brass cap 1/4 S 18 on  
 N. half and S 19 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 cov

50.00 Top of sand ridge bears N.E and S.W. desc. S.E. slope  
 80.66 The cov. of secs. 17, 18, 19 and 20, hereinafter described.  
 Land rolling  
 Soil sandy 3rd rate.  
 No timber

N 0° 03' W. bet. secs. 17 and 18.



Chains

- Ascend S.E. slope over rolling sandy land through sage and greasewood brush and bunch grass
- 22.00 Top of sand ridge bears E and W. desc.
- 29.00 Dry ravine Course E. asc. gradually.
- 40.00 See an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. Cor. marked on base Cop.  $\frac{1}{4}$  S. 18 on W. half. and S 17 on E. half
- Dig pits 18x18x12 ins N. and S. of post 3 ft. dia. and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high. W. of Cor.
- 45.00 Leave sandy land bears N.E. and S.W. Enter stony belly. Land bears N.E. and S.W. asc. steeply over S.E. slope
- 56.40 Top of ascent on S. edge of mesa bears N.E. and S.W. Leave belly land bears N.E. and S.W. Enter sandy land bears N.E. and S.W. asc. gradually
- 70.00 Top of sand ridge bears E and W. desc.
- 80.00 See an iron post. 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of secs. 7, 8, 17 and 18, marked on base Cop. T 26 N. S. 7 in N.W. T 15 E. S 8 in N.E. S 17 in S.E. and S 18 in S.W. quadrants.
- Raise a mound of stone 2 ft. base.  $1\frac{1}{2}$  ft. high. W. of Cor. Pits impracticable
- Land rolling. Soil sandy 3<sup>rd</sup> rate.
- No timber

October 26<sup>th</sup> 1909

October 27<sup>th</sup> 1909  
 Ch. 7<sup>h</sup> 15<sup>m</sup> <sup>l.m.t.</sup> see off.  $35^{\circ}39'N$ . on the  
 hor. arc.  $12^{\circ}38\frac{1}{2}'S$ . on the decl. arc. and determined  
 meridian with the solar ch. the Cor. of secs. 7, 8, 17,  
 and 18. <sup>heretofore described</sup> Hence drawn

- N  $89^{\circ}59'E$  on a random line bet. secs. 8 and 17.
- 40.00 See top  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect. N. and S. line 2 lks. N. of the Cor. of secs. 8, 9  
 16 and 17. <sup>heretofore described</sup> Hence drawn

West. on a true line bet. secs. 8 and 17.  
 Ascend E. slope over rolling sandy land through sage  
 and greasewood brush undergrowth and bunch grass

- 21.00 Dry sand wash 40 lks. wide 1 ft. deep Course S.E.
- 40.02 See 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 8 on N. half and S 17 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.

BOOK 2603

- No. of Cor.
- 47.00 Leave rolling sandy land bears N.E. and S.W. enter stony hilly land bears N.E. and S.W. ascend abruptly over S.E. slope
- 53.50 Top of abrupt rocky ascent, leave stony land bears N.E. and S.W., ascend gradually over sandy land bears N.E. and S.W.
- 60.00 Top of sand ridge bears N. and S. desc. W. slope
- 66.25 Dry ravine course N.E. asc.
- 80.04 The cor. of sees. 7, 8, 17 and 18, heretofore described.  
Land rolling and hilly.  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.
- 
- West on a random line bet. sees. 7 and 18.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.60 Intersect W. ldy. of Twp. 5 lbs. N. of the cor. of sees. 7, 12, 13 and 18, <sup>recently estab. by the ad. described in Exterior Book "AA" Tunnel 3 run</sup>
- N 89° 58' E on a true line bet. sees. 7 and 18.  
Descend S.E. slope of ridge over hilly sandy land through sage and greasewood bush undergrowth and brush.  
grass.
- 6.55 Dry ravine course S. asc.
- 29.65 Top of gravelly ridge bears N. and S. desc.
- 32.60 Dry ravine course S.E. asc.
- 39.50 Top of ridge bears N. and S. desc.
- 40.60 Set an iron post 3 ft. long 1 in. in diam 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on base Cop.  $\frac{1}{4}$  S 7 on N. half and S 18 on S. half.  
Dig pits 18 x 18 x 12 in. E and W. of post 3 ft. dia. and raise a mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high. N. of Cor.
- 50.00 Foot of descent ascend.
- 74.52 Top of ascent leave hilly land bears N. and S. enter level gravelly land bears N. and S.
- 76.80 Leave level land bears N. and S. enter hilly land bears N. and S. desc. E. slope.
- 80.60 The cor. of sees. 7, 8, 17 and 18, heretofore described.  
Land level and hilly.  
Soil sandy and gravelly 3<sup>rd</sup> rate.  
No timber.

N 0° 03' W. bet. sees. 7 and 8.  
Descend N.E. slope over hilly sandy land through  
sage and greasewood brush undergrowth and bunch  
grass.

- 0.25 Dry canal Course E. asc.
- 5.00 Top of ascent. Leave hilly land bear E and W. enter  
rolling land bear E and W. Slope to NW.
- 26.00 Depressure bears N.E. and S.W. drains to the N.E.  
ascend gradually.
- 38.00 Top of sand ridge bears N.E. and S.W. desc.
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  
 $\frac{1}{4}$  S. 7 on W half. and S. 8 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.
- 41.00 Foot of descent in depression bears N.E. and S.W.  
drains to the S.W. asc. gently.
- 70.00 Dry sand wash 25 lbs. wide 2 ft. deep Course S.W.  
continue gentle ascent.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins  
in the ground for cor. of sees. 5, 6, 7 and 8. marked  
on brass cap. T 26 N. S 6 in NW. T 15 E. S 5 in N.E.  
S 8 in S.E. and S. 7 in S.W. gradually.  
Dig pits 18 x 18 x 12 ins in each see. 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 3rd rate.  
No timber.

NOTE At this cor I set off 12° 45' 3. on the decl. arc and  
at noon observe the sun on the meridian, and  
obtain on the lab. arc a reading of 35° 45' 71.

- 40.00 Set temp  $\frac{1}{4}$  sec. Cor
- 80.10 Intersect N and S line 16 lbs. N. of the cor. of sees.  
4, 5, 8 and 7. <sup>heretofore described</sup> Hence I run  
N 89° 53' W. on a true line bet. sees. 5 and 8.

BOOK 2603

- Ascend E. slope over hilly sandy land through sage and greasewood brush undergrowth and bunch grass
- 4.75- Top of gravelly ridge bears N and S. desc. over W slope.
- 15.70 The slope changed from gradual to abrupt.
- 17.00 Foot of abrupt descent, desc. gradually.
- 30.00 Foot of descent in depression bears NW. and S.E. drains to the N.W. asc. N.E. slope.
- 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 5 on N. half and S 8 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.  
This cor. is situated on the top of a sand ridge bears NW. and S.E. desc.
- 75.50 Depression bears NW. and S.E. drains S.E. asc.
- 80.10 The cor. of secs. 5, 6, 7 and 8, heretofore described.  
Land hilly.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.
- 
- S 89° 58' W. on a random line bet. secs. 6 and 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.40 Intersect W. ldy. of Twp. 8 lks. N. of the cor. of secs. 1, 6, 7 and 12, <sup>recently estab. by map and described in Exterior Book "AA" Hence I run</sup>
- N 89° 55' E on a true line bet. secs. 6 and 7.
- Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
- 40.40 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 S 7 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.
- 45.40 Top of sand ridge bears N.E. and S.W. desc.
- 67.40 Dry ravine course S.E. asc.
- 73.30 Top of sand ridge bears N.E. and S.W. desc.
- 80.40 The cor. of secs. 5, 6, 7 and 8, heretofore described.

Chains

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

- 40.00 Sec 1/4 sec. cor.  
79.82 Intersection N. bdy. of Twp. 9 lvs. 58<sup>956</sup> E. the cor. of sec. 5 recently re-established by me and described in Exterior Book "M" 6, 31, and 32. Thence I run  
S 0° 07' E on a true line bch. sec. 5 and 6.  
Ascend N. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.  
39.82 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for 1/4 sec. cor. marked on base cap N 43 6 on W. half. and S 5 on E. half.  
Dig pits 18 x 18 x 12 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.  
71.80 Slope of sand ridge bears N.E. and S.W. desc. S.E. slope.  
79.82 The cor. of sec. 5, 6, 7 and 8, hereinbefore described.  
Land rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber.

October 27<sup>th</sup> 1909

General Description

This township contains every variety of land from high broken stony mesas to level bottom land, and the soil ranges from 1<sup>st</sup> to 4<sup>th</sup> rate. The soil of the bottom land along the Crasbi Wash in the central part of the township is a sandy and alluvial loam, and produces fair crops of Indian Corn. The soil of the hilly and mesa portions of the township is very sandy and can nearly all be classed as 3<sup>rd</sup> rate, is covered with a good growth of bunch grass. The township is watered by a spring in sec 9, and by the Crasbi Wash, which flows water several months of the year.

BOOK 2603

There is no timber within this township.  
There are three Indian families living near  
the Spring, in sec. 9.

Sidney E. Blouh  
U.S. Examiner of Surveys

Oct. 27<sup>th</sup> 1909

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. Blouk  
Examiner of Surveys  
~~United States Deputy Surveyor~~, to assist in running, measuring, and  
marking the lines and corners described in the foregoing field notes of the survey of the Subdivisional  
lines of Township No. 26 North of Range No. 15 East, G. & S. R. B. & M., Arizona.  
showing the respective capacities in which they acted:

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

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blouk  
Examiner of Surveys  
~~United States Deputy Surveyor~~ in surveying all  
those parts or portions of the Subdivisional lines of Twp. No. 26 No. Range No.  
15 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~~ <sup>executed</sup> and the  
corner monuments established, according to the instructions furnished by the ~~United States Surveyor~~ <sup>Commissioner</sup>  
General for of the General Land Office Van L. White Compassman  
Earl Albright and Fred L. Warner Chainman.  
Chainman.  
William R. Carson Moundman.  
Chas L. Shumway Moundman.  
Arman.  
Arman.  
Ralph C. Sampson Flagman.

Subscribed and sworn to before me this 22nd  
day of December, 1909

Sidney E. Blouk  
U.S. Examiner of Surveys



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BOOK 2603

U. S. EXAMINER OF SURVEYS  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, Examiner of Surveys, United States Deputy Surveyor, do solemnly swear that in pursuance of Special Instructions received from the Commissioner of the United States Surveyor General for General Land Office, bearing date of the 2<sup>nd</sup> day of Oct. 1907 day of and the 15<sup>th</sup> 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 of the General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The Subdivisional lines of Twp. N<sup>o</sup> 26 N., Range No. 15 East.

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

Sidney E. Blout,  
United States Deputy Surveyor  
Examiner of Surveys

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

Frank S. Ingalls  
SURVEYOR-GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, APR 25, 1908

The foregoing field notes of the survey of the Subdivision lines of Township N<sup>o</sup> 26 North, Range N<sup>o</sup> 15 East of the Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout, U.S. Examiner of Surveys, under Special Instructions  
executed by from the Commissioner of the General Land Office  
under his contract No. \_\_\_\_\_, 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 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.