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Subdivisional

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BOOK 2581

FIELD NOTES

OF THE SURVEY OF THE

Subdivisional lines of Wp 25 No., R 21 East.

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED

AS ~~SURVEYED~~ BY

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

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

Survey commenced June 30th, 1910, ~~19~~

Survey completed July 13th, 1910, ~~19~~

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(1A)

BOOK 2581

NAMES AND DUTIES OF ASSISTANTS.

Fred L. Warner	Chainman
Charles A Dutton	Chainman
D. Y. White	Monumentman
Lorenzo J. Hatch	Monumentman
Jack Ney	Axeman
William R Carson	Flagman

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1B

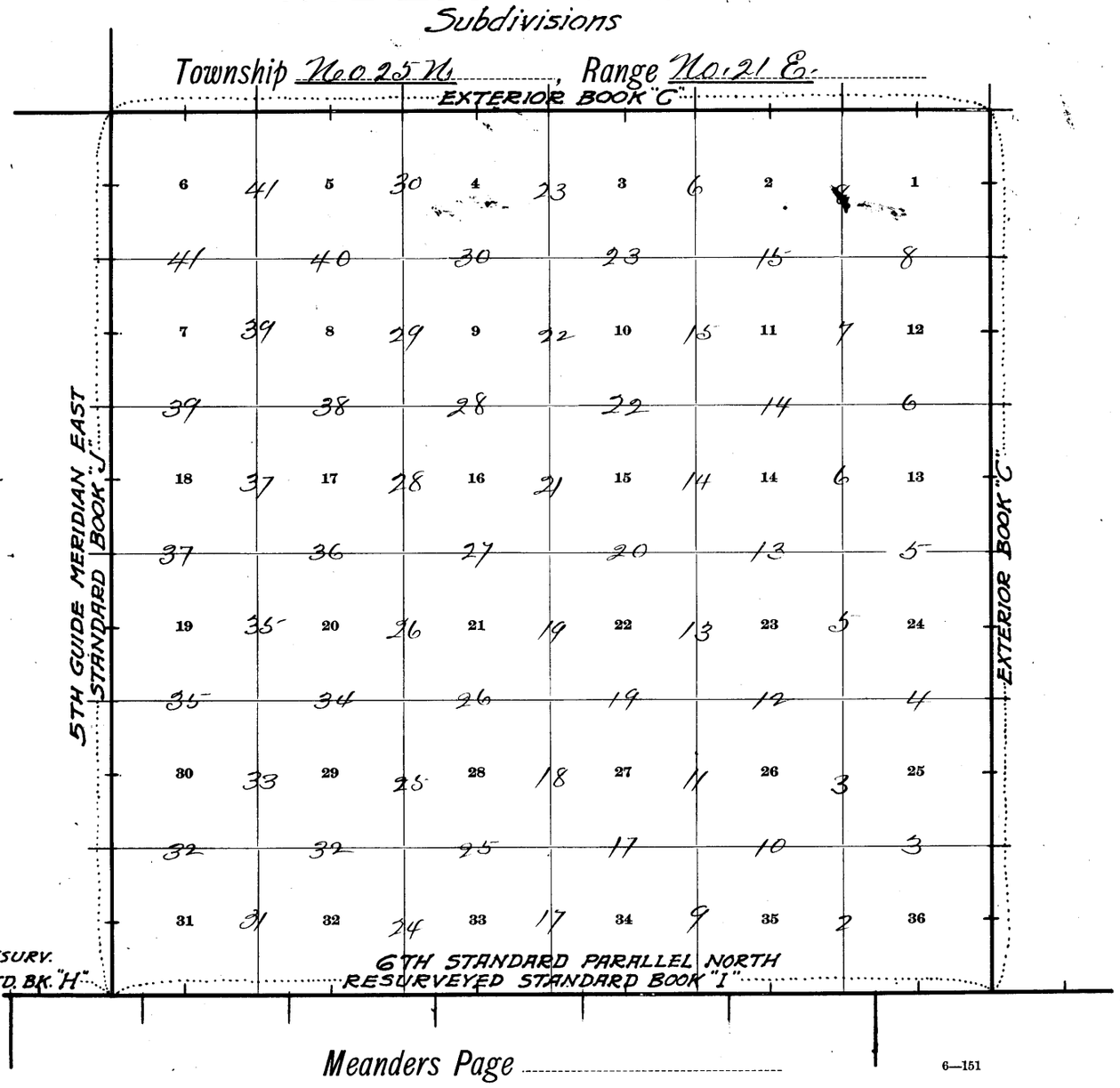
BOOK 2581

Book No. 2581

INDEX DIAGRAM.

Subdivisions

Township No. 25 N., Range No. 21 E.



Meanders Page .....

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(1C)

BOOK 2581

PRELIMINARY OATHS OF ASSISTANTS.

WE, Fred L. Warner and Charles A Dutton do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Subdivisional Lines of Wp. No. 25 N. Range No. 21 E. of the G. & S. R. Base & Meridian, Arizona.

Fred L Warner, Chainman.

Chas. A. Dutton, Chainman.

Subscribed and sworn to before me this 30th day of June, 1910

SEAL

Sidney E Blouh
U.S. Examiner of Surveys

WE, N. Y. White and Lorenzo J. Hatch 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 Subdivisional Lines of Wp. No. 25 N. Range No. 21 E. of the G. & S. R. Base & Meridian, Arizona.

N. Y. White, Moundman.

Lorenzo J. Hatch, Moundman.

Subscribed and sworn to before me this 30th day of June, 1910

SEAL

Sidney E Blouh
U.S. Examiner of Surveys

~~I~~, Jack Ney ~~and~~ do solemnly swear that ~~I~~ will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the survey of the Subdivisional Lines of Wp. No. 25 N. Range No. 21 E. of the G. & S. R. Base & Meridian, Arizona.

Jack Ney, Axman.

~~, Axman.~~

Subscribed and sworn to before me this 30th day of June, 1910

SEAL

Sidney E Blouh
U.S. Examiner of Surveys

I, William R Carson, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the Subdivisional Lines of Wp. No. 25 N. Range No. 21 E. of the G. & S. R. Base & Meridian, Arizona.

William R Carson, Flagman.

Subscribed and sworn to before me this 30th day of June, 1910

SEAL

Sidney E Blouh
U.S. Examiner of Surveys

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Survey Commenced June 30th 1910 and executed with a Young & Sons light mountain transit No. 10 with a Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc. which is also the least Count of the verniers of the latitude and declination arcs., Examine the adjustments of the transit and correct the level and collimation errors., then to test the solar apparatus by comparing the results of observations made on the Sun. during a. m. and p. m. hours with a meridian established by observations on Polaris I proceed as follows.

Ah. my Camp. which is located near the Cor. of secs. 15. 16. 21 and 22. T 25 N. R 21 E., Latitude 35° 33' N., Longitude 110° 06' W., Ah. 5h 00m p. m. l.m.t. I set off 35° 38' N. on the lat. arc. 23° 13' N on the decl. arc, and determine a meridian with the solar and mark a point thereon. by a tack driven in a stake set in the ground 5.00 chs. N. of my instrument.

Ah 8h 04m p.m. l.mt. by my watch which is correct. local mean time I observe Polaris in accordance with instructions in the manual and mark the direction thus determined by a tack driven in a stake set in the ground 5.00 chs. N. of my instrument.

Astron time of obs. June 30th 1910		8h 04m
Equivalent to time of June 29th		32 .04
Astron. time U.C. Polaris June 15th (Table V, Part I)	20 46.4	
Reduction to June 29th (Part II) Subtract	54.9	
Astron. time U.C. Polaris, June 29	19 51.5 Subtract	19 51.5
Hour angle Polaris at Obs.		12 12.5
Subtract from		23 56.1
Time Argument for (Table VII)		11 43.6
Azimuth of Polaris at observation		0° 05' E.

June 30th 1910

July 1st 1910 Ah. 6h 30m a.m. l.m.t. I lay off the azimuth of Polaris 0° 05' to the west and mark the meridian thus determined by a tack driven in the stake already set 5.00 Chs N. of my instrument on which the meridian falls 0.5 links East of the point determined by the solar. Ah. 7h 00m a.m. l.m.t. I set off 35° 33' N. on the lat. arc.

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23° 11' N. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set. 5.00 Chs. N. of my. instrument, This point falls 0.4 ins East of the meridian established by the Polaris observations. The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about 0' 26" West and 0' 21" East of the meridian established by the Polaris Observations., Therefore I Conclude that the instrument is in satisfactory adjustment

I began at the Standard cor. of secs. 35 and 36 on 6th Standard Parallel North, which I re established June 28th 1910, & described in Standard Book "I" & Latitude 35° 30' 35" N. Longitude 110° 04' W., and at 8h 30m a.m. l.m.t. set off. 36° 30½' N. on the lat. arc. 23° 19½' N. on the decl arc and determine a meridian with the solar. thence I run N 0° 01' W. bet. secs. 35 and 36.

Ascend S. slope of ridge over stony hilly land, through scattering sage brush undergrowth.

3.60 Pass of rocky ridge 15 ft. above cor. bears E and W. decl

10.00 Dry ravine Course S 70° E. arc.

28.80 Pass of rocky ridge bears E and W. decl.

32.78 Dry ravine Course E., arc. Enter scattering cedar timber bears E and W.

38.00 Pass of 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 ¼ sec. Cor. marked on brass cap. ¼ S 35 on W. half and S 36 on E. half. from which.

A cedar 8 ins. in diam. bears N 77½° W 168 lks. dist. marked ¼ S 35 B.T. and

A Cedar 12 ins. in diam. bears S 47° E 78 lks. dist. marked ¼ S 36 B.T.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36. marked on brass Cap T 25 N. S 26 in N.W., R 21 E S 25 in N.E. S 36 in S.E. and S 35 in S.W. quadrant. from which.

A Cedar 10 ins. in diam. bears N 7½° E 380 lks. dist marked T 25 N. R 21 E S 25 B.T. and

A cedar 7 ins. in diam. bears S 71¾° W 241 lks. dist. marked T 25 N. R 21 E. S 35 B.T. No other trees available

Dig pits 18 x 18 x 12 ins. in each sec. N.W. and S.E. of post. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of Cor.

Land hilly.
Soil stony 3rd and 4th rate.
Timber Cedar

S89°53' E on a random line bet. secs. 25 and 36.
40.00 Set temp. ¼ sec. cor.
79.94 Intersect E. bdry. of Sec. 31 lks. S. of the cor. of secs. 25. 30. 31. and 36. recently established by me & described in Exterior Book "C" Thence S run
N89°54' W. on a true line bet. secs. 25 and 36.
Ascend S.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
21.75 A point from which a stone house bears S 46¾° W.
A spring bears S61° W.
39.97 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 25 on N. half and S36 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
From this cor. a stone house bears S 23° 42' W.
A spring bears S 42° 25' W.
45.50 Old road bears N.W. and S.E.
57.00 Point of Mesa, leave rolling land bears N. and S.
Enter broken stony hilly land bears N. and S.
ascend steep E. slope of mesa, Enter timber bears N. and S.
60.65 Top of steep ascent on E. edge of Mesa. Leave broken stony and hilly land bears N. and S.
Enter rolling sandy land bears N. and S. ascending.
79.94 The cor. of secs. 25. 26. 35 and 36., hereinbefore described.
Land rolling broken and hilly
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

N0°01' W. bet. secs. 25 and 26.
Descend N.E. slope over rolling sandy mesa land through scattering cedar timber and sage brush. undergrowth and bunch grass
4.00 North edge of mesa. Leave rolling land bears N60° E and S60° W. Enter stony hilly land bears

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N 60° E and S 60° W. descend steeply on N slope

6.70 Dry ravine Course N.E. asc.

9.00 Top of rocky ridge 20 lk. above ravine bears N.E. and S.W. desc.

13.00 Foot of steep descent., Leave hilly land and timber bears E and W. Enter rolling sandy land bears E and W. desc gradually

34.18 Old road to Indian Logan bears E and W.

40.00 Set an iron post 3 lk. long, 1 in in diam. 26 ins. in the ground for 1/4 sec cor. marked on brass cap. 1/4 S 26 on W. half and S 25 on E half

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

NOTE At this Cor I obs. ⊿ 23° 09' N on the decl. arc and at noon observed the sun on the meridian and obtained on the Lat. arc, a reading of 35° 32' N nearly.

80.00 Set an iron post 3 lk. long 2 ins. in diam 24 ins. in the ground for Cor. of secs. 23, 24, 25 and 26. marked on brass cap T 25 N S 23 in N.W. R 21 E. S 24 in N.E. S 25 in S.E. and S 26 in S.W. Quadrant.

Dig pits 18 x 18 x 12 ins. in each. sec 3 1/2 lk. dist. and raise a mound of earth 4 lk. base. 2 lk. high W. of cor.

Land rolling and hilly.

Soil Sandy and stony 3rd and 4th rate.

Timber Cedar

S 89° 54' E on a random line bet. secs 24 and 25

40.00 Set temp 1/4 sec. Cor.

79.92 Intersect E bdy. of Wp. 5 lks. N. of the Cor of secs. 19, 24, 25 and 30 A (recently estab. by me & described in Exterior Book "C") Thence Run N 89° 52' W. on a true line bet. secs. 24 and 25 Over gently rolling sandy land through scattering sage and greasewood brush underbrowth and bunch grass

39.96 Set an iron post 3 lk. long 1 in in diam. 26 ins in the ground for 1/4 sec. Cor marked on brass cap 1/4 S 24 on N. half and S 25 on S. half.

Dig pits 18 x 18 x 12 ins. E and W of post 3 lk. dist.

and raise a mound of earth 3½ ft. base. 1½ ft. high W. of cor

62.50 Road to Spring bears N and S.

79.92 The cor. of secs 23, 24, 25 and 26, hereinbefore described.

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

N 0°01' W. brh. secs. 23 and 24
Over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass Cap. ¼ S 23 on W. half and S 24 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 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 secs. 13, 14, 23 and 24, marked on brass Cap T 25 N. S 14 in N.W. R 21 E S 13 in N.E. S 24 in S.E. and S 23 in S.W. quadrant.
Dig pits 18 x 18 x 12 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 3rd rate.
No timber

July 1st 1910

July 4th 1910 At 7h. 0m. a.m. l.m.t. I set off 35° 33' N. on the lat. arc. 22° 57' N. on the decl arc and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24, above described.
Thence I run
S 89°52' E. on a random line brh. secs. 13 and 24

40.00 Set temp. ¼ sec. cor.

79.88 Intersect E. bdry. of Wp. 3 lks. S. of the cor. of secs 13, 18, 19 and 24, recently estab. by me & described in Exterior Book "C"
Thence I run
N 89°53' W. on a true line brh. secs. 13 and 24
Descend gradually over S.W. slope through scattering

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Chains	
	sage and greasewood brush undergrowth and bunch grass
2.00	Dry sand wash 25 lks. wide 8 ft. deep course S.E. and
39.94	Deh and iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. Cor. marked on brass Cap 1/4 S 13 on N. half and S 24 on S. half
	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.
56.00	Nop of sand ridge bears N.E. and S.W. desc.
62.60	Old road bears N and S.
79.88	The Cor. of secs 13, 14, 23 and 24, hereinbefore described.
	Land rolling.
	Soil sandy 2nd and 3rd rate.
	No timber

	N 0° 01' W bet. secs. 13 and 14
	Ascend S.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
40.00	Deh and iron post 3 ft. long 1 in. in diam 26 ins. in the ground for 1/4 sec. Cor. marked on brass Cap. 1/4 S 14 on W. half and S 13 on E half.
	Dig pits 18x18x12 ins N and S. of post 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.
40.23	Wood road bears N.E. and S.W.
73.00	Nop of ridge bears N.W. and S.E. desc.
80.00	Deh and iron post 3 ft. long 2 ins in diam. 24 ins in the ground for Cor of secs 11 12 13 and 14. marked on brass Cap T 25 N. S 11 in N.W. T 21 E S 12 in N.E. S 13 in S.E. and S 14 in S.W. quadrants
	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
	From this Cor. a monument on the summit of White Sand Cone bears N 83° 06' E.
	Land rolling.
	Soil sandy 2nd and 3rd rate.
	No timber

	S 89° 53' E on a random line bet. secs. 12 and 13

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect E. bdry. of No. 3 lks. N. of the cor. of secs. 7, 12, 13 and 18. Precisely estab. by me & described in Exterior Book "C"
Thence S
N 89° 52' W. on a true line bet. secs. 12 and 13.
Ascend S.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

26.00 Cross rolling land bears N.E. and S.W. Enter hilly land bears N.E. and S.W. ascend steeply over S.E. slope

35.00 A point from which the monument on the summit of the White Sand Cone bears North 5.00 chs. dist.

37.00 Note of ridge bears N and S. desc. S.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 on brass cap 1/4 S 12 on N. half and S 13 on S. half.
Raise a mound of stone 2 ft. base, 1½ ft. high. N. of cor.

54.00 Mouth of steep descent, leave hilly land bears N and S.
Enter rolling land bears N. and S.

71.63 Road to Spring bears N.E. and S.W.

80.00 The cor. of secs. 11, 12, 13 and 14, hereinbefore described.
Land rolling and hilly.
Soil sandy 2nd and 3rd rate.
No timber
NOTE At this cor. I set off 22° 55½' E on the decl. arc and at Noon observed the sun on the meridian and obtained on the lat. arc a reading of 35° 34' N.

N 0° 01' W. bet. secs. 11 and 12.
Over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

25.00 Enter scattering cedar timber bears E and W.

28.50 Leave timber bears N 40° W and S 40° E.

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 11 on W. half and S 12 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 3½ ft. base 1½ ft. high. W. of cor.

67.00 Road to Spring in Sec 1. bears N 35° E and S 35° W.

Subdivision of Wp 25 N. R 21 E.

Chains

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80.00 Set an iron post 3 ft. long 2 ins. in diam 24 ins. in the ground for Cor. of Secs. 1. 2. 11 and 12., marked on brass Cap T 25 N. S 2 in N.W, R 21 E S 1 in N.E. S 12 in S.E. and S 11 in S.W. quadrant.
Dig pits 18×18×12 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 2nd and 3rd rate.
Timber Cedar

S 89° 52' E on a random line bet. Secs. 1 and 12.

40.00 Set temp. ¼ sec. Cor

79.96 Intersect E bdry of Wp. 2 lks. N. of the Cor. to secs. 1, 6, 7 and 12. (recently estab. by me & described in Exterior Book "E") Thence Run
N 89° 51' W. on a true line bet. Secs. 1 and 12.
Ascend gradually E. slope over rolling sandy mesa land.

26.35 Top of ascent on sand ridge bears N.E. and S.W. descend gradually over N.W. slope

34.00 West edge of mesa, bears rolling sandy land bears N.E. and S.W. desc steep rocky W. slope. over broken stony land.

39.98 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 1 on N. half and S 12 on S. half
Raise a mound of stone 2 ft. base 1½ ft. high. N. of Cor.

42.00 Foot of steep descent, leave broken stony land bears N and S. Enter rolling land bears N. and S. desc gently

43.95 Road to Spring in Sec. 1 bears N.E. and S.W.

60.35 Road to Spring in Sec 1 bears N.E. and S.W.

79.96 The Cor of Secs. 1, 2, 11 and 12, hereinbefore described.
Land rolling and broken
Soil sandy and stony 3rd and 4th rate.
No timber

N 0° 01' W. on a random line bet. Secs. 1 and 2.

40.00 Set temp ¼ sec. Cor.

79.86 Intersect N. bdry. of Wp. 12 lks. S. 89° 54' E. of the Cor. to secs.

recently established by me & described in Exterior Book "C"
1. 2. 35 and 36 of A. Thence I run
So°06'E on a true line bet. secs. 1 and 2.
Ascend N.W. slope over rolling sandy land through
scattering sage and greasewood brush underbrush
and bunch grass.
14.75 Road to Spring bears N.W. and S.E.
39.86 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
S2 on W. half and S1 on E. half.
Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist. and
raise a mound of earth 3½ ft. base, 1½ ft. high.
W. of cor.
53.00 Enter scattering cedar timber bears N.W. and S.E.
57.25 Road to Spring in sec. 1 bears E and W.
69.70 Top of Sand ridge bears N70°E and S70°W.
72.50 Leave timber bears N60°E and S60°W.
79.86 The Cor. of secs. 1. 2. 11 and 12, hereinbefore described.
Land Rolling
Soil sandy 3rd rate.
Timber Cedar

July 2nd 1910. At 7h 30m a.m. l.m.t. I set off 35°30½' N.
on the Lat. arc. 23°06' N. on the decl. arc. and determine
a meridian with the solar at the Standard Cor. of
secs. 34 and 35 on S. bdry of Wp. which I re established
June 28th 1910, and described in Standard Book "I" Thence I run
N0°01'W. bet. secs. 34 and 35
Ascend S.W. slope over stony hilly land through
scattering cedar timber
5.00 Top of ridge bears E and W. desc.
13.00 Dry ravine 15 lks wide course W. asc.
20.00 Foot of Mesa bears N30°W. and S30°E. ascend abruptly
24.00 Top of steep ascent on Mesa 100 ft. high. bears N30°W
and S30°E. Leave broken and hilly land bears N.W.
and S.E., Enter level sandy Mesa land bears N.W.
and S.E..
24.25 Leave timber bears N30°W. and S30°E.
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
S34 on W. half and S35 on E half.
Dig pits 18x18x12 ins. N and S of post 3 ft. dist. and raise

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a mound of earth 3½ ft. base, 1½ ft. high. W. ℄ cor

42.70 South edge of box canyon Canyon 100 ft. deep. bears N.E. and S.W. extends 100 lks. E ℄ line. Leave level land bears N.E. and S.W, Enter broken stony land bears N.E. and S.W. descend abruptly into canyon

44.25 Bottom of canyon Course W. ascend cliffs.

46.75 North edge of canyon bears N 70° W and S 70° E, leave broken stony land bears N.W. and S.E., Enter level sandy mesa land

53.50 South edge of box canyon 100 ft. deep. bears N 70° E and S 70° W., Leave level land bears N 70° E and S 70° W enter broken stony land bears N 70° E and S 70° W. descend abruptly.

60.00 Bottom of canyon Course S 70° W. ascend cliffs

65.35 North side of canyon bears bears N.W. and S.E. leave broken stony land. bears N.W. and S.E., Enter level sandy mesa land bears N.W. and S.E.

76.80 South edge of box canyon 100 ft. deep. bears N.E. and S.W. extends E ℄ line 75 lks. dist., Leave level sandy mesa land bears N.E. and S.W., Enter broken stony land. bears N.E. and S.W., descend abruptly into Canyon

77.40 Bottom of Canyon Course S 80° W. ascend abruptly

79.60 North edge of canyon bears N.W. and S.E., Leave broken stony land bears N.E. and S.W. Enter rolling sandy mesa land.

80.00 Set an iron post 3 ft. long 2 ins. in diam 24 ins. in the ground for Cor. of secs. 26, 27, 34 and 35 marked on brass Cap T 25 N. S 27 in N.W, R 21 E S 26 in N.E. S 35 in S.E and S 34 in S.W. quadrants.
Raise a mound of stone 2 ft. base, 1½ ft. high. W. of. Cor Pits impracticable
Land level rolling and broken.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

S 89° 53' E on a random line bet. secs. 26 and 35

40.00 Set temp. ¼ sec. Cor.

79.74 Intersect N and S. line 5 lks. W. of cor. of secs. 25-26. 35 and 36, hereinbefore described Thence Run
N 89° 51' W. on a true line bet. secs. 26 and 35
Descend N.W. slope over rolling sandy Mesa land

through scattering cedar timber and sage brush undergrowth and bunch grass

0.50 Dry ravine course N.E. &c.

20,00 Top of sand ridge bears N.W. and S.E. desc

22.00 Leave timber bears N.E. and S.W.

39.87 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 18 x 18 x 12 ins E and W. of post 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high. N. of cor.

79,74 The Cor. of secs. 26, 27, 34 and 35; hereinbefore described.
Land rolling.
Soil sandy 3rd rate
Timber Cedar.

NOTE July 2nd at this cor Deck off 23° 05' N. in the decl. arc. and at noon observed the sun on the meridian and obtain on the lat. arc a reading of 35° 31½' N.

N 0° 01' W. bet. secs 26 and 27
Over rolling sandy mesa land through scattering sage and greasewood brush undergrowth and bunch grass.

7,20 North edge of Mesa bears N.E. and S.W. Leave rolling sandy land bears N.E. and S.W. Enter broken stony land bears N.E. and S.W. descend over N.W. slope of mesa

23,00 Enter scattering cedar timber bears E and W.

33,75 Foot of mesa bears N.E. and S.W., Leave broken stony land and timber bears N.E. and S.W. Enter rolling sandy land bears N.E. and S.W. desc gradually

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.
Dig pits 18 x 18 x 12 ins N and S. of post 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

54,00 Foot of descent in depression bears N.E. and S.W. drains S.W. arc. gently

58,78 Old wood road bears N.E. and S.W

64,00 Old road to Keams Canyon Ariz bears N.W. and S.E.

Subdivision of Wp 25 N. R 21 E

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80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22 23 26 and 27, marked on brass Cap T 25 N. S 22 in N.W. R 21 E S 23 in N.E. S 26 in S.E. and S 27 in S.W. quadrant.
Dig pits 18 x 18 x 12 ins. in each sec 5½ ft. dist and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling and broken
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

S 89° 51' E on a random line bet. secs. 23 and 26.

40.00 Set temp. ¼ sec cor.

79.76 Intersect N and S. line 5 lks. N. of the cor. of secs. 23. 24. 25 and 26 hereinbefore described. Thence Run
N 89° 49' W. on a true line bet. secs. 23 and 26
Over rolling sandy land through scattering sage and greasewood bush undergrowth and bunch grass

39.88 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 23 on N. half and S 26 on S. half.
Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

70.85 Old road to Spring in sec 1. bears N 20° E and S 20° W.

79.76 The cor of secs 22. 23. 26 and 27, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber

July 2nd 1910

This 2nd day of July 1910. I employ Lorenzo J. Hatch to perform the duties of Mounduman No officer authorized to administer oaths, other than myself being available without great inconvenience delay and expense I administer the required preliminary oath

Sidney E. Blouch
Examiner of Surveys

Subdivision of Wp 25 N. R 21 E.

Chains 13

July 5th 1910 Ch. 7 h 15 m a.m. l.m.t. S 8ch off. 35° 32' W ow the lah. are 22° 52' W ow the decl are and determine a meridian with the solar ah. the cor. of secs. 22, 23, 26 and 27 hereinbefore described ∧ Thence S run N 0° 01' W. bch. secs. 22 and 23.

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

40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for ¼ sec. cor. marked ow brass cap ¼ S 22 ow W. half and S 23 ow E half.
Dig pits 18x18x12 ins N and S. of post 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

47.00 Enter scattering cedar timber brans N.W. and S.E.

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

71.00 Leave timber bears E and W.

80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins in the ground for Cor. of secs. 14, 15, 22 and 23. marked ow brass cap T 25 N 15 in N.W. R 21 E. 14 in N.E. S 23 in S.E. and S 22 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 3rd rate
Timber Cedar

S 89° 49' E ow a random line bch. secs 14 and 23.

40.00 Set temp ¼ sec. cor.

79.82 Intersect N and S. line 3 lks. S. of the cor. of secs 13, 14, 23 and 24 hereinbefore described ∧ Thence S run N 89° 50' W. ow a true line bch. secs. 14 and 23.
Over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

20.05 Old road to Spring in Sec 1. bears N.E. and S.W.

26.00 Top of sand ridge 20 ft. high bears N and S. desc.

39.91 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for ¼ sec. cor. marked ow brass cap ¼ S 14 ow N. half and S 23 ow S. half.
Dig pits 18x18x12 ins E and W. of post 3 ft. dist and

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and raise a mound of earth 3½ ft. base. 1½ ft. high N. of Cor.

79,82 The Cor of secs. 14, 15, 22 and 23, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber

N 0°01' W. beh. secs. 14 and 15
Over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

34,06 Enter scattering cedar timber bears N.W. and S.E.

40,00 Set an iron post 3 ft. long 1 in. in diam 26 ins in the ground for ¼ sec. Cor. marked on brass Cap ¼ S 15 on W. half and S 14 on E half from which.
A cedar 10 ins. in diam. bears N 34° E 89 lks. dist. marked ¼ S 14 B.T.
A cedar 10 ins. in diam. bears S 76° W 16 lks. dist. marked ¼ S 15 B.T.

45,00 Cedar timber bears E and W.

80,00 Set an iron post 3 ft. long 2 ins. in diam 24 ins in the ground for Cor. of secs. 10, 11, 14 and 15 marked on brass Cap T 25 N. S 16 in N.W. R 21 E S 11 in N.E. S 14 in S.E. and S 15 in S.W. quadrant.
Dig pits 18 x 18 x 12 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 3rd rate.
Timber Cedar.

S 89°50' E on a random line beh. secs. 11 and 14

40,00 Set temp ¼ sec. cor.

79,84 Intersect N and S, lines at the Cor. of secs. 11, 12, 13 and 14 hereinbefore described Thence Run
N 89°50' W. on a true line beh. secs. 11 and 14
Descend W. slope over rolling sandy land through scattering sage and greasewood brush underground and bunch grass

39,92 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 11 on N. half and S 14 on S. half
Dig pits 18×18×12 ins E and W. of post 3 fh. dish and
raise a mound of earth 3½ fh. base, 1½ fh. high.
N. of cor.
At this cor Deh ∠ff. 22°50' N. on the decl. arc. and at.
noon observe the sun on the meridian, and obtain
on the lat arc a reading of 35°34' N.
67.00 Post of descent in depression bears N and S., drains
to the north. asc.
79.84 The cor. of secs. 10, 11, 14 and 15, hereinbefore described.
Land rolling.
Soil sandy 3rd rate.
No timber

N 0°01' W. beh. secs 10 and 11
Over rolling sandy land sloped to N.E. through scattering
sage and greasewood brush undergrowth and bunch grass.
15.10 Road to Spring in sec. 1. bears N.E. and S.W.
40.00 Deh an iron post 3 fh. long 1 in in diam. 26 ins. in the
ground for ¼ sec. cor marked on brass cap ¼ S 10 on
W. half and S 11 on E half.
Dig pits 18×18×12 ins N and S. of post 3 fh. dish. and
raise a mound of earth 3½ fh. base, 1½ fh. high. W.
of cor
80.00 Deh an iron post 3 fh. long 2 ins. in diam 24 ins. in
the ground for cor. of secs. 2, 3, 10 and 11 marked
on brass Cap T 25 N, S 3 in N.W. R 21 E S 2 in N.E.
S 11 in S.E. and S 10 in S.W. quadrants.
Dig pits 18×18×12 ins in each sec. 5½ fh. dish. and
raise a mound of earth 4 fh. base, 2 fh. high. W
of cor.
Land rolling.
Soil sandy 3rd rate.
No timber

S 89°50' E, on a random line beh. secs. 2 and 11
40.00 Deh temp ¼ sec. cor.
79.86 Intersect N and S. line 3 lks. S. of the cor. of secs
1. 2. 11. and 12, hereinbefore described thence Drun
N 89°51' W. on a true line beh. secs. 2 and 11

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

4.75 W.p. of sand ridge 20 ft. above cor bears N.E and S.W Enter scattering cedar timber bears N.E and S.W.

24.75 Leave timber bears N and S.

39.93 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 2 on N. half and S 11 on S. half.
Dig pits 18 x 18 x 12 ins E and W. of post. 3 ft. dist and raise a mound of earth 3½ ft. base. 1½ ft. high N. of cor.

79.86 The Cor. of secs. 2, 3, 10 and 11, hereinbefore described.
Land rolling.
Soil sandy 3rd rate.
Timber Cedar.

July 5th 1910

July 7th 1910 At 2h. 30m p.m. by l.m. I set off 35° 35' N on the lat. arc 22° 38' N on the dec arc and determined a meridian with the solar at the Cor. of secs. 2. 3. 10 and 11 hereinbefore described Thence I run N 0° 01' W. on a random line bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect N. bdry of t.p. 23 lks. S 89° 54' E of the cor. of secs. 2. 3. 34 and 35 presently established by me & described in Exterior Book "C" Thence I run S 0° 11' E on a true line bet. secs 2 and 3.
Ascend NE slope over low sand hills. through scattering sage and greasewood brush undergrowth and bluch grass

12.00 W.p. of sand ridge bears N.W. and S.E. desc gently

33.00 Bottom of descent in depression bears E and W. drains to the W. asc.

39.80 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 W. half and S 2. 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 3½ ft. base 1½ ft. high W. of cor.

56.10 Old road to Spring in sec 1. bears E and W.

79.80 The Cor. of secs. 2, 3. 10 and 11, hereinbefore described.
Land hilly

Subdivision of Wp 25 N. R21 E

17

Chains

Soil sandy 3rd rate.
No timber

July 7th 1910

July 6th 1910 At. 8h 30m a.m. I.M.t. I set. eff. 35° 30½' N on the lab. are 22° 45½' N. on the decl. are and determine a meridian with the solar at the standard cor. of. secs 33 and 34 on S. bdry of Wp which I re established June 28th 1910 and described in Standard Book "I" Thence I run
N 0° 02' W. beh. secs. 33 and 34
Ascend abrupt rocky S. slope of mesa over mountainous land.

5.10 Wp of. abrupt ascent on S. edge of mesa 150 lks. above cor. Land mountainous land bears N 40° E and S 40° W., Enter rolling sandy mesa land bears N 40° E and S 40° W.

40.00 Set an iron pork 3 lk. long 1 in in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 33 on W. half and S 34 on E half from which
A Cedar 4 ins. in diam. bears N 43° E 43 lks. dist.
marked ¼ S 34 B.T.
A Cedar 7 ins. in diam. bears N 48¾° W 101 lks. dist.
marked ¼ S 33 B.T.

80.00 Set an iron pork 3 lk. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34. marked on brass Cap. T 25 N. S 28 in N.W. R 21 E S 27 in N.E. S 34 in S.E and S 33 in S.W. quadrant. from which
A Cedar 10 ins. in diam. bears N 18¼° E 335 lks. dist.
marked T 25 N. R 21 E S 27 B.T.
A Cedar 12 ins in diam bears S 67½° E 189 lks. dist
marked T 25 N. R 21 E S 34 B.T.
A Cedar 14 ins. in diam. bears S 21½° W 304 lks. dist.
marked T 25 N. R 21 E S 33. B.T. and
A Cedar 4 ins. in diam bears N 21¼° W 183 lks. dist.
marked T 25 N. R 21 E. S. 28 B.T.
Land rolling and mountainous.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar
Mountainous Land 5.10 Chs

N 89° 46' E on a random line beh. secs. 27 and 34

40.00 Set temp. ¼ sec. cor.

18 Chains

Subdivision of Wp 25 N. R 21 E

BOOK 2581

80.22 Intersect N and S. line at the Cor. of secs. 26. 27. 34 and 35 hereinbefore described. Thence S. run S 89°46' W. on a true line bet. secs. 27 and 34

Descend W. slope of mesa over stony mountainous land

7.00 Foot of abrupt descent. Land stony mountainous land bears N 20° E and S 20° W. Enter rolling sandy land desc. gradually

17.75 Road to Cottonwood Spring. bears N 20° E and S 20° W

20.47 Road leads to Cottonwood Spring bears N 30° W and S 30° E

40.11 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 on N. half and S 34 on S. half.

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

57.00 Foot of Mesa. bears rolling land bears N 30° W and S 30° E. Enter Stony hilly land and Cedar timber bears N 30° W. and S 30° E. Ascend abruptly over E. slope

76.00 Top of ascent on E edge of Mesa bears thence S. are gently

80.22 the Cor. of secs. 27. 28. 33 and 34, hereinbefore described.

Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate.

Timber Cedar

Mountainous land 7.00 chs.

N 0°02' W. bet. secs 27 and 28.

Descend gradually over N.E. slope through scattering Cedar timber and sage brush undergrowth

35.15 Dry ravine Course NE. asc.

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 28 on W. half and S 27 on E half from which.

A Cedar 8 ins. in diam. bears N 56° W 80 lks. dist marked 1/4 S 28 B.T.

A Cedar 16 ins. in diam. bears S 51° E 272 lks. dist marked 1/4 S 27 B.T.

46.00 Land timber bears E and W.

75.94 North edge of mesa bears E and W., descend cliffs 70 ft. high. bears E and W.

78.50 Foot of steep descent at foot of cliffs bears E and W Enter rolling land bears E and W. desc. gradually

80.00 Set an iron post 3 ft. long 2 ins. in diam 24 ins. in

the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap. T 25 N S 21 in N.W. R 21 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. 5½ lks. dist. and raise a mound of earth 4 lks. base, 2 lks. high. W. of cor.
Land rolling and hilly
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

NOTE Ob this cor I obs. Polaris 22°44½' E on the decl. arc and ob noon obsrvd the sun on the meridian the resulting lat. brings 35°32½' N.

N 89°46' E on a random line beh. secs. 22 and 27
40.00 Set temp. ¼ sec. cor.
80.02 Intersect N and S. line 5 lks W. of the cor. of secs. 22, 23, 26 and 27 hereinbefore described. Thence I run
S 89°48' W on a true line beh. secs. 22 and 27, ascend S.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
4.00 Top of said ridge bears N.E. and S.W. desc. gently
37.90 Road to Kanes Canyon Ariz bears N.W. and S.E.
40.01 Set an iron post 3 lks. long 1 in in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 22 on N. half and S 27 on S. half, from which
A Cone Cedar bears N 70° W 23 4 lks. dist. marked ¼ S 22 B.T. No other trees available
Dig pits 18x18x12 ins. E and W. of post 3 lks. dist. and raise a mound of earth 3½ lks. base, 1½ lks. high. N. of cor.
62.10 Road to Kanes Canyon Ariz bears N.W. and S.E.
80.02 The cor of secs. 21, 22, 27 and 28, hereinbefore described.
Land rolling.
Soil sandy 3rd rate
Timber scattering Cedars Near the ¼ sec. cor.

N 0°02' W. beh. secs 21 and 22.
Descend N. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

Subdivision of Sec. 25 T. 16 N. R 21 E.

20 Chains

BOOK 2581

Chains	
10.00	Enter scattering cedar timber bears E and W.
18.00	Leave timber bears E and W.
26.49	Old road to Kearns Canyon Ariz bears N.W. and S.E.
40.00	Set an iron post 3 ft. long, 1 in in diam. 26 ins in the ground for 1/4 sec. Cor. marked on brass cap 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. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
73.00	Leave rolling land bears N 70° W and S 70° E ab post of mesa. Enter broken hilly land bears N.W. and S.E. asc. steep S. slope of mesa
76.15	Top of steep ascent on S. edge of mesa bears N 70° W and S 70° E., leave broken stony land, bears N.W. and S.E. enter rolling sandy land bears N.W. and S.E. asc gradually
80.00	Set an iron post 3 ft. long 2 in. in diam. 24 ins in the ground for cor. of secs. 15, 16, 21 and 22. marked on brass Cap. T 25 N. S 16 in N.W. R 21 E S 15 in N.E. S 22 in S.E and S 21 in S.W. qua drants. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable Land rolling broken and hilly Soil sandy and stony 3rd and 4th rate. Timber cedar

N 89° 48' E on a random line bet. secs. 15 and 22

40.00	Set temp 1/4 sec. cor.
80.04	Intersect N and S. line ab the cor. of secs. 14, 15, 22 and 23, hereinbefore described Thence S 0 min W 89° 48' W. on a true line bet. secs. 15 and 22. Ascend gradually over N.E. slope, over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
30.00	Enter scattering cedar timber bears N.E. and S.W.
40.02	Set an iron pipe 3 ft. long 1 in. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap. 1/4 S 15 on N. half and S 22. on S. half., from which a cedar 10 ins in diam. bears N 7 1/4° E 84 lks. dist marked 1/4 S 15 B.T.

A. Cedar 10 ins. in diam. bears S 39½° E 98 lks. dist. marked ½ S 22 B.T.

49.00 Leave timber bears N.W. and S.E.

63.50 Sand ridge bears N.W. and S.E. desc gradually

80.04 The Cor. of secs. 15, 16, 21 and 22, hereinbefore described.

Land rolling

Soil sandy 3rd rate

Timber Cedar

July 6th 1910.

July 7th 1910. Ah. 7h 45m a.m. l.m.t. I set Wp. 35° 33' N. on the Lat. arc 22° 40' N. on the decl. arc and determine a meridian with the solar ah. the Cor of secs. 15, 16, 21 and 22 hereinbefore described. Thence I run

N 0° 02' W. bet. secs. 15 and 16.

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

15.50 Enter scattering cedar timber bears E. and W.

17.20 Nob of rocky ridge bears N.E. and S.W. desc.

22.00 Leave timber bears E. and W.

23.25 North edge of mesa bears E. and W. desc abruptly over cliffs. 30 ft. high.

36.00 Nook of cliffs 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 ¼ sec. Cor. marked on brass cap. ¼ S 16 on W. half and S 15 on E. half.

Dig pits 18 x 18 x 12 ins N. and S. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of Cor.

55.75 Road to Spring in sec. 1 bears E. and W.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of secs 9, 10, 15 and 16. marked on brass Cap T 25 N. S 9 in N.W. R 21 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, 3½ 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 3rd and 4th rate

Timber Cedar

BOOK 2581

N 89° 48' E on a random line bet. secs. 10 and 15.
40.00 Set temp. 1/4 sec. cor.
80.06 Intersect N. and S. line at the cor. of secs. 10, 11, 14 and 15, hereinbefore described. Thence I run
S 89° 48' W. on a true line bet. secs. 10 and 15
Ascend N.E. slope over low rolling sand hills. through scattering sage and greasewood brush undergrowth and bunch grass
14.80 Old road to Spring in sec 1. bears N 60° E and S 60° W.
24.50 Top of sand ridge bears N and S. desc.
39.65 Dry sand wash 5 lks. wide 2 ft. deep. Course North asc. gently
40.03 Set an iron post 3 ft. long 1 in in diam. 26 ins in the ground for 1/4 sec. Cor. marked on brass Cap. 1/4 S 10 ow N. half and S 15 ow S. half., Dig. pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
80.06 The cor. of secs. 9. 10. 15. and 16, hereinbefore described.
Land rolling.
Soil Sandy 3rd rate.
No timber

N 0° 02' W. bet. secs 9 and 10.
Descend N. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins in the ground for 1/4 sec. cor. marked on brass Cap 1/4 S 9 ow W. half and S 10 ow 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.
64.65 Old road bears N.E. and S.W. leads to Kearns Canyon Ariz
80.00 Set an iron post 3 ft. long. 2 ins. in diam. 24 ins. in the ground for Cor. of secs 3, 4, 9 and 10 marked on brass Cap T 25 N. S 4 in N.W. R 21 E S 3 in N.E. S 10 in S.E. and S 9 in S.W. quadrants. Dig pits 18 x 18 x 12 ins in each sec. 3 1/2 ft. dist and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling
Soil Sandy 3rd rate.

Subdivision of Wp 25 N. R 21 E

Chains

No timber

NOTE At this cor I set off 22° 38' N. on the decl. are and at noon observe the sun on the meridian and obtain a reading of 35° 35' N. on the Lat arc.

N 89° 48' E. on a random line bet. secs. 3 and 10.

40.00 Set temp ¼ sec. cor

80.10 Intersect N. and S. line at the cor. of secs. 2. 3. 10 and 11, hereinbefore described Thence I run

S 89° 48' W. on a true line bet. secs, 3 and 10 Over rolling sandy land through scattering sage and greasewood brush. undergrowth and and bunch grass

40.05 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 18 x 18 x 12 ins E and W. of post. 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

80.10 The cor. of secs. 3, 4, 9 and 10; hereinbefore described Land rolling.

Soil sandy 3rd rate.

No timber

N 0° 02' W on a random line bet. secs. 3 and 4

40.00 Set temp ¼ sec. cor.

80.22 Intersect N. bdry. of Wp. 16 klks. S 89° 54' E. of the cor. of secs. 3, 4, 33 and 34, recently estab. by me & described in Exterior Book "C" Thence I run

S 0° 09' E on a true line bet. secs. 3 and 4 Over rolling sandy land through scattering sage and greasewood brush undergrowth sand bunch grass

40.22 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 4 on W. half and S 3 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 3½ ft. base 1½ ft. high. W. of cor.

57.00 Old road, bears E and W leads to Kearns Canyon Ariz

Subdivision of Tps 25 N. R 21 E.

Chains

BOOK 2581

80.22 The Cor. of secs 3, 4, 9 and 10, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber

July 7th 1910

July 8th 1910. Ah. 7h 30m a.m., l.m.t. Obs. sun off 35° 30½' N. on the lab. arc. 22° 33½' N on the decl. arc and determined a meridian with the solar ah the Standard Cor. of secs. 32 and 33. on S. bdry of Tps., which I re-established June 28th 1910, and described in Standard Book "I"
Thence Drun
N 0° 03' W. Obs. secs 32 and 33
Ascend SW. slope over rolling sandy land through scattering sage and greasewood bush underg rowth and bunch grass
6.00 Enter scattering cedar timber bears N 35° W and S 35° E.
17.50 Brow of mesa 100 ft. high. bears N.W. and S.E. Leave rolling land bears N.W. and S.E. Enter stony mountainous land bears N.W. and S.E..
26.25 Top of ascent on S. edge of mesa bears N 50° W and S 50° E. Leave mountainous land bears N 50° W and S 50° E.. Enter rolling mesa land ascend gradually.
38.30 Top of ascent on mesa bears NE. and S.W. desc gently.
40.00 Set an iron post 3 ft. long 1 ins. in diam. 26 ins in the ground for ¼ sec. Cor., marked on brass Cap. ¼ S. 32 on W. half and S 33 on E half; from which. A cedar 10 ins. in diam. bears S 44¼ E 142 lks. dist. marked ¼ S 33 B.T.
A cedar 12 ins. in diam. bears S 38¼° W 86 lks dist. marked ¼ S 32 B.T.
43.00 Dry ravine 25 lks. wide 15 ft. below ¼ sec. Cor. course S.W. asc. S.E. slope.
65.00 A point from which an Ind. an hogan bears West. 6.00 chs. dist.
74.00 Top of ridge bears N 50° E and S 50° W. desc., Cedar timber bears E and W.
80.00 Set an iron post 3 ft. long 2 ins. in diam 24 ins in the ground for Cor. of secs. 28, 29, 32 and 33 marked on brass Cap T 25 N S 29 in N.W. R 21 E. S 28 in NE. S 33 in SE. and S 32 in S.W. quarters. Dig pits 18 x 18 x 12 ins. in each sec. 3½ ft. dist and raise a mound of earth 4 ft. base 2 ft high

N of cor.
Land rolling and mountainous.
Soil sandy and stony 3rd and 4th rate
Timber Cedar
Mountainous land. 8,75 Chs.

S 89°48' E on a random line beh. secs. 28 and 33
40,00 Set temp. ¼ sec. cor.
79,78 Intersect N and S line 5 lks. S. of the cor. of secs. 27, 28, 33 and 34, hereinbefore described. Thence S run
N 89°50' W. on a true line beh. secs. 28 and 33.
Ascend E. slope over hilly sandy mesa land.
5,00 Top of ascent. Bear hilly land bears N and S.
Enter rolling land
39,89 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 28 on N. half and S 33 on S. half.
Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. N. of cor.
49.00 Leave rolling land bears N.E. and S.W. desc. N.W. slope over hilly land.
79,78 The cor of secs. 28, 29, 32 and 33, hereinbefore described.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate
No timber

N 0°03' W. beh. secs. 28 and 29,
Descend N.W. slope over hilly and rolling sandy land.
11,00 Enter scattering Cedar timber bears N.E. and S.W.
27,75 Dry rocky ravine Course N. 70° W. asc.
31,00 Top of ridge bears N.W. and S.E. desc.
36,00 Leave timber bears N.W. and S.E.
38,45 Dry ravine 20 lks wide Course N 50° 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 29 on W. half and S 28 on E half.
Raise a mound of stone 2 ft. base. 1½ ft. high. W. of cor. Pits impracticable

26 Chains

Subdivision of Wp 25 N R 21 E.

BOOK 2581

40.40 N of ridge 5 lk. above ¼ sec. cor. bears E and W. deck steep rocky N slope

46.00 Took of steep rocky descent. due gradually.

80.00 Set an iron post. 3 lk. long 2 ins. in diam. 24 ins. in the ground for cor of secs. 20, 21, 28 and 29 marked on brass cap T 25 N S 20 in N.W. R 21 E. S 21 in N.E. S 28 in S.E. and S 29 in S.W. quadrant. Dig pits 18 x 18 x 12 ins in each sec. 5½ lk. dist and raise a mound of earth 4 lk. base, 2 lk. high W. of cor

Land hilly.

Soil sandy and stony 3rd and 4th rate.

Timber Cedar

NOTE At this cor I set off 22° 32' N on the decl are and at noon observe the sun on the meridian and obtain a reading of 35° 32½' on the lat. arc.

S 89° 50' E on a random line bet. secs. 21 and 28.

40.00 Set temp ¼ sec. cor.

79.82 Intersect N and S. line 3 lks S. of the cor of secs. 21, 22, 27 and 28, hereinbefore described. Thence I run

N 89° 51' W. on a true line bet. secs. 21 and 28.

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

39.91 Set an iron post. 3 lk. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 21 on N. half and S 28 on S half.

Dig pits 18 x 18 x 12 ins. E and W of post. 3 lk. dist and raise a mound of earth 3½ lk. base 1½ lk. high N. of cor.

79.82 The cor of secs. 20, 21, 28 and 29, hereinbefore described.

Land rolling.

Soil sandy 3rd rate.

No timber

N 0° 03' W. bet. secs. 20 and 21.

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

40.00 Set an iron pork 3 ft long 1 in. in diam 26 ins. in the ground for 1/4 sec. Cor. marked on brass cap 1/4 S 20 on W. half and S 21 on E half.
Dig pits 18x18x12 ins. N and S. of pork 3 ft. dist and raise a mound of earth 3 1/2 ft. base. 1 1/2 ft. high W. of cor.

80.00 Set an iron pork 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 25 N S 17 in N.W. R 21 E. S 16 in N.E. S 21 in S.E. and S 20 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.
Soil sandy 3rd rate.
No timber

S 89° 51' E on a random line bet. secs. 16 and 21

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect N and S. line at the cor. of secs. 15, 16, 21 and 22, hereinbefore described Thence S run
N 89° 51' W. on a true line bet. secs. 16 and 21
Descend S.W. slope over broken stony mesa land. through scattering sage and greasewood brush. undergrowth and bunch grass

5.40 West Edge of Mesa bears N.W. and S.E., desc. abruptly over cliff 75 ft. high.

9.00 Foot of cliff bears N.W. and S.E. desc. gradually

39.90 Set an iron pork 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.
Dig pits 18x18x12 ins E and W of pork 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.

57.10 Road to Kanab Canyon Ariz bears N 40° W and S 40° E.

74.25 Foot of descent in depression bears N.W. and S.E. drains to the N.W ave.

79.80 The cor. of secs. 16, 17, 20 and 21, hereinbefore described.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate

Subdivision of Wp 25 N. R21 E.

BOOK 2581

No timber

July 8th 1910

July 9th 1910, Ah. 7h 00m a.m. Sch l.m.t. off. 35°33' N. on the lah are 22°27' N on the decl are and determined on meridian with the solar ah the cor. of secs. 16, 17, 20 and 21, hereinbefore described

Thence Drun

N 0°03' W. lth. secs 16 and 17.

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

4.80 Depression bears N.W. and S.E. asc.

24.00 Old road bears N 40° W and S 40° E.. leads to Keams Canyon Ariz.

35.50 Old road bears N 60° E and S 60° W. leads to Holbrook Ariz

40.00 Sch an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass Cap. ¼ S17 on W half and S16 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 3½ ft. base. 1½ ft. high W. of Cor.

58.65 Nop of sand ridge 20 ft. high bears N.E. and S.W. desc. gradually over N.W. slope

80.00 Sch an iron post 3 ft. long 2 ins. in diam 24 ins in the ground for cor. of secs. 8. 9. 16 and 17, marked on brass Cap T 25 N S 8 in N.W. R 21 E S 9 in N.E. S 16 in S.E. and S 17 in S.W. quadrant.

Dig pits 18 x 18 x 12 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 3rd rate.

No timber

S 89°51' E on a random line lth. secs. 9 and 16.

40.00 Sch temp ¼ sec. cor.

79.80 Intersect N and S. line at the cor. of secs. 9, 10, 15 and 16, hereinbefore described

Thence Drun

N 89°51' W. on a true line lth. secs. 9 and 16.

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

Chains

and brush grass

39.90 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 9 on N. half and S 16 on S. half. Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor

43.00 Bank of descent in depression bears N.E. and S.W. drains to the N.E. asc.

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

79.80 The cor. of secs. 8, 9, 16 and 17, hereinbefore described.
Land rolling.
Soil sandy 3rd rate
No timber

N 0° 03' W. bet. secs. 8 and 9.
Descend gradually over N.W. slope through scattering sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap. ¼ 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. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. W of cor.

49.48 Road to Kanus Canyon Ariz, bears N.W. and S.E.

59.00 Bank of gradual descent in depression bears N.W. and S.E. Cross old road bears E and W. asc.

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

80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins in the ground for Cor. of secs. 4, 5, 8 and 9, marked on brass Cap. T 25 N. S 5 in N.W. R 21 E S 4 in N.E. S 9 in S.E. and S 8 in S.W. quadrant.
Dig pits 18 x 18 x 12 ins. in each sec, 3½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land rolling.
Soil sandy 3rd rate.
No timber

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30 Chains — Subdivision of 9th Pr. 25 N. R 21 E

BOOK 2581

S 89° 51' E on a random line bet. secs. 4 and 9,
40.00 Set temp. 1/4 sec. cor.
79.84 Intersect N. and S. line 3 lks. S. of the cor. of secs. 3, 4, 9 and 10, hereinbefore described. Thence S run
N 89° 52' W. on a true line bet. secs. 4 and 9.
Over level sandy land through scattering sage and greasewood brush undergrowth and bunch grass
19.50 Old road to Keams Canyon Ariz bears N.W. and S.E.
30.00 Leave level land bears N.W. and S.E. Enter rolling land bears N.W. and S.E. Ascend gradually over N.E. slope.
39.92 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 18 x 18 x 12 ins. E and W. of post 3 ft. dist and raised a mound of earth 3½ ft. base, 1½ ft. high N. of cor
This cor is situated on the top of sand ridge, bears N.W. and S.E. descends gently,
65.00 Foot of descent in depression bears N. and S. asc.
79.84 The cor. of secs. 4, 5, 8, and 9, hereinbefore described.
Land level and rolling.
Soil sandy 3rd rate.
No timber

N 0° 03' W. on a random line bet. secs. 4 and 5
40.00 Set temp 1/4 sec. cor.
80.16 Intersect N. bdry. of 9th Pr. 36 lks S. 89° 54' E. of the cor. of secs. 4, 5, 32 and 33, recently established by me & described in Exterior Book "C" Thence S run
S 0° 20' E on a true line bet. secs. 4 and 5
Descend S.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
3.75 Road leads to Holbrook Ariz bears N.E. and S.W.
37.00 Foot of descent in depression bears N.W. and S.E. drains to the N.W. asc.
40.16 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 5 on W. half and S 4 on E half
Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist and raised a mound of earth 3½ ft. base, 1½ ft. high W. of cor

46,00 Top of said ridge bears N.W. and S.E. desc.
52,00 Road bears N.W. and S.E. leads to Keams Canyon Ariz
58,00 Foot of descent in depression bears N.W. and S.E. drains to the S.E. sec.
80,16 The Cor. of secs. 4, 5, 8 and 9, hereinbefore described.
Land rolling.
Soil sandy 3rd rate.
No timber.
NOTE Clouds obscure the sun at noon today rendering an observation for latitude impossible

July 9th 1910

July 11th 1910 At 7h 30m a.m. mean time I set off 35° 30½' N on the lat. arc. 22° 12' N on the dec. arc and determined a meridian with the solar at the Standard Cor. of secs 31 and 32, on S. bdry of Twp. which I re-established June 28th 1910 and described in Standard Book "I" Thence I run
N. 0° 3' W. bet. secs 31 and 32.
Descend N.E. slope through scattering cedar timber and sage brush undergrowth.
3,70 Dry ravine 10 lks wide course E and S. slope
6,75 Top of rocky ridge 15 ft. above ravine bears E and W desc.
11,00 Leave timber bears N.W. and S.E.
27,10 Road from Holbrook Arizona to Polacca Arizona bears N.W. and S.E.
33,00 Foot of descent in depression bears N.W. and S.E. drains to the S.E. sec.
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 31 on W. half and S 32 on E half.
Dig pit 18x18x12 ins N and S. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. W. of Cor
77,45 Road from Holbrook Ariz to Keams Canyon Ariz bears N.W. and S.E.
80,00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of secs. 29, 30, 31 and 32, marked on brass Cap T 25 N. S 30 in N.W. R 21 E. S 29 in N.E. S 32 in S.E. and S 31 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 and hilly
Soil sandy and stony 3rd rate.
Timber Cedar

S 89° 48' E on a random line bet. secs. 29 and 32
40.00 Set temp 1/4 sec. cor.
79.70 Intersect 76 and S. line 2 lks S. of the cor. of secs 28. 29. 32 hereinbefore described and 33/1, Thence I runs
N 89° 49' W. on a true line bet. secs. 29 and 32
Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
10.20 Road to Indian hogan bears N. and S.
12.00 Enter scattering cedar timber bears N.E. and S.W.
28.90 Dry ravine Course N 60° W. asc.
35.60 Pkp of sand stone ledge bears N.E. and S.W. descend abruptly over broken stony land.
37.20 Pkp of ledge 25 ft. below top. Leave broken stony land bears N and S. Enter rolling sandy land. bears N. and S. desc gradually over W. slope
39.85 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 29 on N. half and S 32. on S half from which.
A cedar 10 ins. in diam bears N 81 3/4° E 303 lks. dist marked 1/4 S 29 B.T.
A cedar 8 ins. in diam. bears S 69° E 225 lks. dist. marked 1/4 S 32 B.T.
43.30 Road bears N.E. and S.W. leads to Kaibab Canyon Ariz Leave timber bears N and S.
65.60 Old road bears N and S. leads to Kaibab Canyon Ariz
79.70 The cor. of secs. 29. 30. 31 and 32, hereinbefore described.
Land rolling and broken.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

N 89° 58' W. on a random line bet. secs. 30 and 31
40.00 Set temp 1/4 sec. cor
80.06 Intersect 5th Guide Meridian E. 16 lks. S. of the cor. of

recently established by me & described in Standard Book "J"
secs. 25. 30. 31 and 36 / Thence Drun
S 89° 57' E on a true line bet. secs. 30 and 31.
Ascend N.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass
21.55 Road from Holbrook Ariz. to Polacca Ariz. bears N W and S.E.
29.50 Enter scattering cedar timber bears N.W. and S.E.
40.06 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap 1/4 S 30 on N. half and S 31 on S. half from which.
A cedar 18 ins in diam. bears N 45° W 249 lks. dist. marked 1/4 S 30 B T.
A cedar 14 ins in diam. bears S 31 3/4° E 175 lks. dist. marked 1/4 S 31 B.T.
40.50 Leave timber bears N.W. and S.E.
41.85 Road to Indian hogan bears N and S.
79.60 Road from Holbrook Ariz to Keams Canyon Ariz bears N.W. and S.E.
80.06 The Cor. of secs. 29. 30 31 and 32, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
Timber Cedar.

July 11th 1910 At the Cor. of secs. 29, 30. 31 and 32. Set off 22° 10' N on the decl. arc and at noon observed the sun on the meridian and obtained on the Lat. arc a reading of 35° 31 1/2'.

N 0° 03' W. bet. secs. 29 and 20.
Ascend gradually over S.E. slope through scattering sage and greasewood bush undergrowth and bunch grass.
18.00 Old road bears N.E. and S.W.
27.65 Enter scattering cedar timber bears E and W.
33.75 Pass of ridge or divide bears E and W. desc.
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 36 on W. half and S 29 on E half. from which.
A cedar 10 ins. in diam. bears S 68 1/2° E 225 lks. dist. marked 1/4 S 29 B.T.

Subdivision of Wp 25 N. R 21 E.

BOOK 2581

A Cedar 8 ins. in diam. bears S 8½° W 141 lks. dist. marked ¼ S 30 B.T.
Bears Timber bears N.E. and S.W.

71,00 Road to Holbrook Arizona 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 secs. 19, 20, 29 and 30. marked on brass Cap T 25 N S 19 in N.W. R 21 E S 20 in N.E. S 29 in S.E. and S 30 in S.W. quadrant.
Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
From this cor. a stone bound at Summit Spring bears N 43° 02' W.
Summit Spring bears N 54° 20' W.
Land rolling
Soil sandy 3rd rate.
Timber Cedar

S 89° 49' E on a random line bet. secs. 20 and 29,

40,00 Set temp. ¼ sec. cor.

79.72 Intersect N and S. line 5 lks. N. of the cor of secs 20, 21, 28 and 29 (hereinbefore described) Thence Run
N 89° 47 W. on a true line bet. secs 20 and 29,
Descend N.W. slope over rolling sandy land, through scattering sage and greasewood brush underglowth and bunch grass

39,86 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 18 X 18 X 12 ins. E and W. of post 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. N. of cor.

65.00 Bank of descent in depression bears N and S. drains to the North

77.50 Road bears N.W. and S.E.

78.30 Road from Holbrook Ariz to Keam's Canyon Ariz bears N 10° E and S 10° W.

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

July 11th 1910

Subdivision of Wp 25 N. R 21 E.

35

Chains

July 12th 1910 ah. 7h 00m a.m. l.m.t. Sreh off. 35°32½' N. ow the ldh. arc 22°04½' N. ow the decl. arc and determine a meridian with the solar ah. the cor. of secs. 19, 20, 29 and 30, hereinbefore described. Thence I run

N 89°51' W on a random line beh. secs. 19 and 30.

40.00 Set temp. ¼ sec. cor.

79.88 Intersect 5th Guide Meridian East. ah. the recently estab. by me & described in Standard Book "J," cor. of secs. 19, 24, 25 and 30, hereinbefore described. Thence I run

S 89°51' E on a true line beh. secs. 19 and 30.

Descend steep E. slope through scattering cedar timber and scattering sage and greasewood brush undergrowth

1.70 Dry ravine 30 lks. below cor. course S. asc. steeply.

3.00 Wp of rocky ridge bears N and S. desc.

7.20 Dry ravine 100 lks. wide course S.W. asc.

14.00 Wp of sand ridge bears N and S. desc.

33.65 Dry ravine 20 lks. wide course S. asc.

39.88 Scham iron post 3 ft. long 1 in. in diam 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 19 on N. half and S 30 on S. half from which

A cedar 10 ins. in diam. bears N 66° E 23 lks. dist. marked ¼ S 19 B.T.

A cedar 12 ins. in diam bears S 22¼° W 74 lks. dist. marked ¼ S 30 B.T.

43.00 Wp of stony ridge bears N and S. desc.

45.00 Begin steep descent over E. slope of mesa bears N and S.

48.00 Foot of steep descent, leave hilly land bears N and S. Enter rolling sandy land bears N and S.

57.15 Road from Dodd and Hogan to Summit Spring bears N and S. Leave timber bears N and S.

64.90 Branch road from the Holbrook Keams Canyon road to Summit Spring bears N.W. and S.E.

79.88 The cor. of secs. 19, 20, 29 and 30, hereinbefore described.

Land rolling and hilly,

Soil sandy and stony 3rd and 4th rate.

Timber Cedar.

N 0°03' W. beh. secs. 19 and 20.

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

Subdivision of Twp 25 No. R 21 E.

BOOK 2581

Chains	
19.02	A point from which a stone house at Summit Spring bears West.
	Summit Spring bears S 89° 36' W.
21.00	Depression bears N.E. and S.W. drains to the N.E. asc.
39.05	Road to Summit Spring 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 1/4 S 19 on W. half and S 20 on E half.
	Dig pits 18 x 18 x 12 ins N and S. of post 3 ft. dist, and raise a mound of earth 3½ ft. base, 1½ ft. high W. of Cor.
50.00	Enter scattering cedar timber bears N.E. and S.W.
70.00	Leave timber bears N.W. and S.E.
70.10	Top of sand ridge bears N.W. and S.E. desc. NE slope
80.00	Set an iron post 3 ft. long 2 ins in diam. 24 ins. in the ground for Cor. of Secs. 17, 18, 19 and 20, marked on brass Cap T 25 N S 18 in N.W. T 21 E S 17 in N.E. S 20 in S.E. and S 19 in S.W. quadrants
	Dig pits 18 x 18 x 12 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 3rd rate.
	Timber cedars.

	S 89° 47' E on a random line bet. secs. 17 and 20.
40.00	Set temp 1/4 sec. Cor.
79.90	Intersect N and S. line 3 lks. N. of the Cor. of secs. 16, 17, 20 and 21, hereinbefore described. Thence N 89° 46' W. on a true line bet. secs 17 and 20.
	Ascend N.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.
12.00	Top of sand ridge 10 ft. above Cor. bears N.W. and S.E. desc. gradually.
27.20	Head of deceuth in depression bears N.W. and S.E. drains to the N.W. asc.
33.00	Old road bears N.E. and S.W. leads to Summit Spring.
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 1/4 S 17 on N. half and S 20 on S. half.
	Dig pits 18 x 18 x 12 ins E and W. of post 3 ft. dist. and

raise a mound of earth 3½ ft. base. 1½ ft. high. N. of Cor.

NOTE Ah this Cor. Deck off. 22° 02' N. on the decl. arc and ah noon observe the sun on the meridian and obtain a reading of 35° 33' N. on the lob. arc.

63,00 Enter scattering cedar timber bears N.E. and S.W.

69,00 Leave timber bears N and S.

70,25 Old road to Summit Spring bears N.E. and S.W.

75,00 Road from Holbrook Arizona to Kearns Canyon Arizona bears N and S.

79,90 The Cor. of secs. 17, 18, 19 and 20, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
Timber Cedar

N 89° 51' W. on a random line bet. secs. 18 and 19.

40,00 Set temp ¼ sec. Cor.

79,66 Intersect the 5th Guide Meridian East. ah the recently estab. by me & described in Standard Book "J" Cor. of secs. 13, 18, 19 and 24, Thence Same S 89° 51' E on a true line bet. secs. 18 and 19
Over broken hilly land. through scattering cedar timber and sage brush undergrowth.

39,66 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. Cor. marked on bass Cop. ¼ S 18 on N. half and S 19 on S half., from which.
A cedar 8 ins. in diam. bears N 34¼° W 6 lks. dist. marked ¼ S 18 B.T.
A cedar 12 ins. in diam bears S 48° W 42 lks. dist. marked ¼ S 19 B.T.

58,95 Dry ravine course N.E. asc. steeply

65,00 Top of ridge bears N.E and S.W. desc. steeply

70,00 Leave timber bears N and S.

71,50 Foot of descent. Clear hilly land bears N and S. Enter rolling land bears N and S.

79,66 The Cor. of secs 17, 18, 19 and 20, hereinbefore described.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar.

N 0° 03' W. bet. secs. 17 and 18.

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

10,92 Road from Holbrook Ariz. to Keams Canyon Ariz bears N20°W. and S20°E.

27.60 Old road to Summit Spring bears N20°W and S30°E.

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 S18 on W. half and S17 on E half.
Dig pits 18X18X12 ins. N and S. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.

47,00 Dry ravine 10 lks. wide Course N.E. one.

54,00 Top of sand ridge bears N.E. and S.W. desc.

71,00 Old road to Summit Spring bears N10°E and S10°W

80,00 Set 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 brass Cap T25N S7 in N.W. T21E S8 in N.E. S17 in S.E. and S18 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 3rd rate.
No timber

July 12th 1910.

July 13th 1910 Ah. 7h 15m a.m. I.m. Set off 35° 34' N. on the Ash. arc. 21°56' N on the decl. arc and determine a meridian with the solar at the Cor. of secs. 7, 8, 17 and 18, described above Thence Drum
S89°46' E on a random line bet. secs. 8 and 17,

40,00 Set temp. 1/4 sec. cor.

80,00 Intersect N. and S. line 8 lks. S. of the Cor. of secs. 8, 9, 16 and 17, herein before described Thence Drum
N89°49' W. on a true line bet. secs. 8 and 17,
Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

31,10 Old road to Keams Canyon Ariz. bears N35°W. and S35°E.

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 S8 on N. half and S17 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.

40,65 Dry sand wash 25 lks. wide. 4 ft. deep course N.

51,10 Old Cross road bears N and S.

69,00 Dry sand wash 15 lks. wide 2 ft. deep course N 30° E ans.

78,65 Road to Summit Spring bears N and S.

80,00 The cor. of secs. 7, 8, 17 and 18, hereinbefore described.

Land rolling.

Soil sandy 3rd rate.

No timber

N 89° 51' W. on a random line beh. secs. 7 and 18.

40,00 Set temp. ¼ sec. Cor.

79,40 Intersect the 5th Guide Meridian East. 31 lks. N. of the Cor. of secs. 7, 12, 13 and 18, recently est'd. by me & described in Standard Book "J" Thence from

S 89° 52' E on a true line beh. secs. 7 and 18.

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

39,40 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. Cor. marked on brass cap 1/4 S 7 on N. half. and S 18 on S. half. from which.

A cedar 4 ins. in diam. bears N 81¼° E 8 lks. dist. marked ¼ S 7 B.T.

A cedar 10 ins. in diam, bears 363½° E 22 lks. dist marked ¼ S 18 B.T.

This Cor. falls in a clump of cedar trees

59,80 Road from Holbrook Ariz. to Keams Canyon Ariz. bears N.W. and S.E.

61,60 Dry sand wash 15 lks wide 3 ft. deep Course N.E.

79,40 The Cor. of secs. 7, 8, 17 and 18, hereinbefore described.

Land rolling.

Soil sandy 3rd rate.

Timber Scattering cedars near the ¼ sec. cor.

N 0° 03' W. beh. secs. 7 and 8.

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

40,00 Set an iron post 3 ft. long 1 in in diam 26 ins. in

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the ground for 1/4 sec. cor. marked on brass cap 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 fh. disk. and raise a mound of earth 3½ fh. base 1½ fh. high W. of cor.

72.00 Land rolling land bears N 70° W and S 70° E., Enter level land bears N 70° W and S 70° E.

80.00 Set an iron post 3 fh. long 2 ins. in diam. 24 ins. in the ground for cor. of Secs. 5, 6, 7 and 8, marked on brass Cap T 25 N S 6 in N.W. R 21 E S 5 in N.E. S 8 in S.E. and S 7 in S.W. quadrant.
Dig pits 18 X 18 X 12 ins. in each sec. 5½ fh. dist. and raise a mound of earth 4 fh. base 2 fh. high. W. of cor.
Land level and rolling.
Soil sandy 2nd and 3rd rate.
No timber

NOTE At this cor Took off 21° 53½' N on the decl. arc and at noon observed the sun on the meridian and obtain a reading of 35° 35' N on the lab. arc

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S 89° 49' E on a random line bet. Secs 5 and 8.

40.00 Set temp 1/4 sec. cor.

80.00 Intersect N and S. line at the cor. of secs. 4, 5, 8 and 9. Thence S. run hereinbefore described
N 89° 49' W. on a true line bet. Secs. 5 and 8.
ascend E. slope over rolling sandy land, through scattering sage and greasewood brush underg rowth and bunch grass.

12.00 Top of sand ridge 8 fh. high. bears N.W. and S.E. descend gently

40.00 Set an iron post 3 fh. long, 1 in in diam 26 ins. in the ground for 1/4 sec cor. marked on brass cap. 1/4 S 5 on N. half and S 8 on S. half.
Dig pits 18 X 18 X 12 ins. E and W. of post. 3 fh. dist. and raise a mound of earth 3½ fh. base. 1½ fh. high. N. of cor.

50.00 Top of descent. Land rolling land bears N.E and S.W. Enter level sandy land bears N.E. and S.W.

65.00 Road to Reams Canyon bears N.W. and S.E

74.15 Old road leads to Reams Canyon Ariz bears N and S.

80.00 The Cor. of secs. 5, 6, 7, and 8, hereinbefore described.

Subdivision of Tp 25 N. R 21 E.

Chains	
	Land level and rolling Soil sandy 2nd and 3rd rate. No timber
	N 89°52' W. on a random line bet. secs. 6 and 7.
40.00	Set temp ¼ sec. cor.
79.26	Intersect the 5th Guide Meridian East. at the cor. recently estab. by me & described in Standard Book "J" of secs. 1. 6. 7 and 12, Thence S. run
	S 89°52' E on a true line bet. secs. 6 and 7.
	Descend N.E. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.
30.77	Road from Holbrook Ariz. to Keams Canyon Ariz bears N.W. and S.E.
39.26	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap. 1/4 S 6 on N. half and S 7 on S. half Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist. and place a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
43.00	Top of descent in depression bears N.E. and S.W. drains to the N.E. arc.
54.00	Top of sand ridge bears N and S. desc.
68.85	Road to Pond in secs 5 and 6. bears N.E. and S.W.
73.00	Top of descent. leave rolling land bears N.W. and S.E. Enter level land bears N.W. and S.E.
79.26	The cor. of secs. 5. 6. 7 and 8, hereinbefore described. Land level and rolling Soil sandy 3rd rate No timber
	N 0°03' W. on a random line bet. secs. 5 and 6.
40.00	Set temp ¼ sec. cor.
80.04	Intersect N. bdry. of Tp 35. bks S 89°54' E. of the cor. of recently estab. by me & described in Exterior Book "E" secs. 5. 6. 31 and 32, Thence S. run
	S 0°18 E on a true line bet. secs. 5 and 6. Descend gradually over S.W. slope, through scattering sage and greasewood brush undergrowth and bunch grass
30.00	Top of descent. leave rolling land bears E and W

Subdivision of W/p 25 N, R 21 E.

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Enter level land.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 Sec. Cor. marked on brass Cap 1/4 S 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. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

51.00 Road to Pond in sec 5 and 6. bears N.W. and S.E.

58.00 North edge of circular pond bears E 5 chs dist and W. 1 ch. dist.

69.00 South edge of pond bears E 4.00 chs. dist and W. 2 chs. dist.

80.04 The Cor. of secs. 5. 6. 7 and 8; hereinbefore described.
Land level and rolling.
Soil Sandy 3rd rate
No timber

July 13th 1910.

General Description

This township contains every variety of land from level to mountainous and the soil ranges from 3rd to 4th rate.,
The soil of the level land is a sandy loam 3rd rate and of the mountainous portion stony malapi formation 4th rate., The greater portion of the land in the township is unfit for farming purposes however there is some good agricultural land in Secs. 25 and 36.
Cedar timber is found over nearly all of the hilly and mountainous portions, but is too small to be of any value except for firewood.
Nearly all of the land in the township is covered with a good growth of bunch grass which furnishes excellent pasture for stock.
There are several small springs in the township the most important of which is Summit Spring which is located in sec. 19., on the main travelled road from Holbrook Arizona to the Indian School at Keams Canyon Ariz.
There are several deserted Indian Hogans in the township, but no actual settlers at the present time.

Sidney E Bloud

July 13th 1910. U.S. Examiner of Surveys

U.S. EXAMINER OF SURVEYS

FINAL OATHS OF ~~DEPUTY SURVEYOR~~ AND HIS ASSISTANTS.

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LIST OF NAMES.

A list of the names of the individuals employed by Sidney E Blouh, 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 Wp. No. 25 N. Range No. 21 E. of the G. & S. R. Base & Meridian, Arizona. showing the respective capacities in which they acted:

Fred L. Warner Van L. White Compassman., Chainman.
Charles A Dutton, Chainman.
W. White, Moundman.
Lorenzo J. Hatch, Moundman.
Jack Yez., Axman.
, ~~Axman.~~
William R Carson, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E Blouh, Examiner of Surveys, ~~United States Deputy Surveyor~~, in surveying all those parts or portions of the Subdivision lines of Wp. 25 N. R No. 21 East.

of the Gila and Salt River Base and Meridian, Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully ~~executed~~ surveyed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor General for~~ Commissioner of the General Land Office Van L. White. Compassman

Fred L Warner, Chainman.
Charles A. Dutton, Chainman.
I. Y. White, Moundman.
Lorenzo J. Hatch, Moundman.
Jack Yez., Axman.
, ~~Axman.~~
William R Carson, Flagman.

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

SEAL

Sidney E Blouh
U.S Examiner of Surveys

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BOOK 2581

FINAL OATH OF ~~UNITED STATES~~ EXAMINER OF SURVEYS ~~DEPUTY SURVEYOR~~.

I, Sidney E. Blouts, Examiner of Surveys, ~~United States Deputy Surveyor,~~ do solemnly swear that, in pursuance of ~~a contract~~ Special Instructions received from the Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 2nd day of Oct. 1907 ~~day of~~ and the 15th day of May, 1908, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the ~~United States Surveyor General for~~ Commissioner 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 Ptp No. 25 N. Range No. 21 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~~ Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

See Subdivisional Book "I"

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

Subscribed by said Sidney E. Blout, and sworn to before me this ____ day of ____, 19

SEAL

SURVEYOR-GENERAL OF ARIZONA

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1914

The foregoing field notes of the survey of the Subdivision lines of Township 25 North, Range 21 East of the Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout U.S. Examiner of Surveys under ~~his contract No.~~ Special Instructions from the Commissioner of the General Land Office, dated Oct. 2, 1907 and May 15, 1908, ~~19~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank 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~~

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