

"B." (2)

T. 29, N. 4, E.  
(SUBDIVISIONS)

by

Lewis Wolfley

No. 589

4-671

BOOK 589

589

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**FIELD NOTES**  
**GENERAL LAND OFFICE.**

Township 29N R. 4E

6	5	557	4	535	3	2	1
7	8	553	9	532	10	11	12
18	17	549	16	528	15	14	13
19	20	546	21	524	22	23	24
30	566	29	541	28	27	26	25
563	561	32	539	33	34	35	36
31	559	32	537	33	34	35	36

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Subdivision T 29 N R 4 E Cont'd  
chains

BOOK 589

A Pine 14 ins dia br 227° E

41 lks dist marked

T 29 N R 4 E S 22 B.T.

A Pine 2 1/2 ins dia br S 20° 15' E

2 1/2 lks dist marked

T 29 N R 4 E S 27 B.T.

A Pine 1 1/2 ins dia br S 82° 45' W

25 lks dist marked

T 29 N R 4 E S 28 B.T.

Soil H rock

Formation Volcanic Lime

Character Mountainous

82.22 ch Heavy Timber some brush

82.22 ch Mountainous character

S 89° 56' E on a random line  
bet Secs 22 and 27

40.00 Set a temporary 1/4 Sec cor

80.00 Intersect N and S line 5 lks S

of cor to Secs 22, 23, 26 and 27

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BOOK 589

523

Subdivision T 29 N R 4 E Cont'd  
Chain

Muncie &amp; run

N 89° 58' W on a true line bet  
Secs 22 and 27

Aspen family

Light oak brush and Heavy Pines

7.00 Level

9.00 Open Park

12.00 Some cedar and Pines

17.00 Heavy Pine Oak and Buck Brush

40.00 Set a limestone 20 x 10 x 6 ins

15 ins in ground for 1/4 Sec Cor

bet Secs 22 and 27 marked

1/4 S on N face, from which

a Pine 24 ins dia bet N 52° 15' W

23 lbs dia marked 1/4 S 22 B. 1.

A Pine 20 ins dia bet S 64° E

15 lbs dia marked 1/4 S 27 B. 1.

59.00 Descend gradually

67.00 Cross draw or S by and

Over rolling ground - nearly level

Submainwin 129 N R H E Cont'd  
chains

77.00 Descend gradually

80.00 The Cir to Secs 21, 22, 27, 28

Soil 3' rate

Formation Mesquite Lime

Character Mountainous

3.00 chs open ground

79.38 chs heavy timber & dense brush

80.38 chs Mountainous Character

Oct 9 at 7 a.m. l.m. I set off  
35° 52' N on lat arc and 6° 10' S  
on decl arc and determined the  
true Meridian with the Solar at  
The Cir of Secs 21, 22, 27, and 28  
Thence I run

N 0° 2' N bet Secs 21 and 22

On N<sup>ly</sup> slope, descend gradually  
heavy Pines & dense Oak Brush

26.00 Dense cedar, Pines, Oak Brush  
and scattering Pines

Subsidiaries T 29 N R 4 E Cor. 1<sup>st</sup>  
chain

36.00 Heavy Pine Dance Oak Brush

39.00 Descend gradually

40.00 Set a limestone 30 X 5 X 5 ins

22 ins in ground for  $\frac{1}{4}$  Sec Cor

Set Sec 21 and 22 marked

$\frac{1}{4}$  S on W face, from which

A Pine 10 ins dia br S 84° 15' W

43 brs are marked  $\frac{1}{4}$  S 21 B. 1.

A Pine 14 ins dia br N 61° 30' E

28 brs are marked  $\frac{1}{4}$  S 22 B. 1.

Descend gradually

59.26 Cross road br E and W 4 and

Ascend rapidly

66.00 Ascend gently

72.00 Descend gradually

80.00 Set a limestone 18 X 9 X 7 ins

12 ins in ground for Cor of Sec

15, 16, 21 and 22 marked with

3 notches on S and E edges

from which

Submissions 1 29 N R 4 E Corliss  
 Chassis

A Pine 16 ins dia brs S 41° 45' E  
 16 lbs dia marked

T 29 N R 4 E S 22 B. T.

A Pine 15 ins dia brs N 62° E  
 20 lbs dia marked

T 29 N R 4 E S 15 B. T.

A Pine 16 ins dia brs S 83° 30' N  
 38 lbs dia marked

T 29 N R 4 E S 21 B. T.

A Pine 18 ins dia brs N 10° N  
 50 lbs dia marked

T 29 N R 4 E S 16 B. T.

Soic 4 Rati

Formation Volcanic Line

Character Mountainous

81.95 cha Heavy Timber Small Bush

81.95 cha Mountainous Character

S 89° 58' E on a random line  
 Net Secs 15 and 22

Subdivisions T 29 N R 4 E Cont'd  
chains

40.00 Set a temporary  $1/4$  Sec Cor

80.00 Intersect N and S line S-1/4 Sec N  
of Cor to Secs 14, 15, 22 and 2<sup>nd</sup>  
Thence S. run

N  $89^{\circ} 56'$  W on a true line  
bet Secs 15 and 22

Level

Heavy Pines dense Oak Brush

6.00 Crosswash cr S E<sup>ly</sup> and  
ascend gradually

13.00 Level

21.00 Descend rapidly along rocky  
& Wly slopes

28.25 Crosswash cr S E<sup>ly</sup> and  
ascend gradually

34.00 Level - slightly rolling

40.00 Set a limestone  $16 \times 10 \times 7$  ins  
10 ins in ground for  $1/4$  Sec Cor bet  
Secs 15 and 22 marked  $1/4$  S  
on N face, from which



Subdivision T 29 N R 4 E Contd  
 chonis

- On Oak 12 ins dia br N 100° 15' E  
 86 lbs dist marked 1/4 S 15° R. I.  
 A Pine 30 ins dia br S 73° 45' W  
 35 lbs dist marked 1/4 S 22° R. I.  
 43.00 Cross old stage road Flagstaff  
 to Grand Canyon br N W & E by  
 ascend gently  
 48.00 Level - slightly rolling  
 66.00 Descend gently  
 80.00 The Cor to Secs 15, 16, 21<sup>and</sup> 22,  
 Soil & rats

Formation Volcanic Line  
 Character Mountains

81.21 chs Heavy Timber & Oak Brush

81.21 chs Mountains Character.

11  
 N 0' 2' W Mt Secs 15<sup>and</sup> 16

Descend gently

Heavy Pine & cottonwood Oak Brush

18.00 Rolling ground - Ruckey

Dimensions T29 N R4 E Cor lot  
chains

45.00 Set a limestone 18x10x8 ins  
12 ins in ground for 1/4 Sec Cor lot  
Sec 15 and 16 marked 1/4 S on  
N face from which  
A Pine 26 ins dia brs S 53°15' E  
23 lks dist marked 1/4 S 15 R. T.  
A Pine 36 ins dia brs S 88°15' N  
113 lks dist marked 1/4 S 16 R. T.  
Ad end over slightly rolling ground -  
Rocky

80.00 Set a limestone 24x16x8 ins  
20 ins in ground for Cor of Sec  
9, 10, 15 and 16 marked with  
4 notches on S and 3 on E  
Edges, from which  
A Pine 14 ins dia brs N 80° E  
32 lks dist marked  
T 29 N R4 E S 10 R. T.  
A Pine 30 ins dia brs S 63°30' E  
27 lks dist marked

Subdivision T 29 N R 4 E Corset  
chains

T 29 N R 4 E S 15 B. I.  
A Pine 18 ins dia br R 69° 45' N  
98 lbs dist marked

T 29 N R 4 E S 9 B. I.  
A Pine 20 ins dia br S 35° 45' N  
15 lbs dist marked

T 29 N R 4 E S 16 B. I.  
Soil 4 Rate - Rocky  
Formation Volcanic Lime  
Character Mountainous  
83.05 dia Heavy timber dense brush  
83.08 dia Mountainous Character

S. 89° 56' E on a random line  
bet Secs 10 and 15

40.00 ditto a temporary 1/4 Sec bet  
80.20 Intersect N end of line of S 89°  
S of Cor at Secs 10, 11, 14 and 15  
Thence I run  
It on a true line bet Secs 10 and 15

Subdivision T 29 N R 4 E Cont'd  
chain

Ascend rapidly

Heavy Pines dense Oak Brush

3.00 Descend abruptly

9.00 Cross wash on S<sup>ly</sup> and

Ascend rapidly

17.00 Ascend gradually - Rocky

Heavy Pines. Scattering Oak Brush

40.10 Set a limestone 18 x 10 x 6 ins

12 ins in ground for 1/4 Sec Cor bet

Secs 10 and 15 marked 1/4 S on N

face; from which

An Oak 10 ins dia br S 14° 15' W

25 lbs dia marked 1/4 S 15° B. T.

A Pine 14 ins dia br N 62° 30' E

50 lbs dia marked 1/4 S 10° B. T.

48.00 Cross old stage road Flagstaff

to Grand Canon br N and S<sup>ly</sup>

Descend gently

80.20 The Cor to Secs 9, 10, 15 and 16

Reel H B Rate

Subdivision T 29 N R 4 E Cont'd  
chains

Formation Volcanic Lime  
Character Mountainous

80.95 ch Heavy Timber dense Brush

80.95 ch Mountainous Character

40.00' Pt bet Sec 9 and 10

Ascend gently - Rolling ground  
Heavy Pine - scattering Oak Brush

40.00' bet a limestone 18 x 9 x 7 ins

12 ins in ground for 1/4 Sec Cor

bet Sec 9 and 10 marked 1/4 A  
on N face, from which

A Pine 8 ins dia br 2 56° N

31 lbs dia marked 1/4 A 9 B.T.

A Pine 2 1/2 ins dia br 2 55° E

70 lbs dia marked 1/4 A 10 B.T.

Ascend gently

50.00 Level

80.00' bet a limestone 14 x 10 x 6 ins

10 ins in ground for Cor to Sec 9

Submissions T 29 N R 4 E Cont'd  
claims

3, 4, 9 and 10 marked with 5  
Matches on S and 3 on E  
Edges from which

A Pine 18 ins dia br N  $72^{\circ}45'$  E  
122 lbs dia marked

T 29 N R 4 E S 3 B. 1.  
A Pine 22 ins dia br S  $37^{\circ}30'$  W  
49 lbs dia marked

T 29 N R 4 E S 9 B. 1.  
A Pine 12 ins dia br S  $89^{\circ}30'$  E  
106 lbs dia marked

T 29 N R 4 E S 10 B. 1.  
A Pine 16 ins dia br N  $16^{\circ}$  W  
134 lbs dia marked

T 29 N R 4 E S 4 B. 1.  
Soil 3 rats

Formation Volcanic Lime

Character Mountainous

85.12 lbs Heavy Timber Same Brush

85.12 lbs Mountainous Character

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Ammaniam T 29 N R 4 E Contea  
claims

- E on a random line bet Secs 3 and 10  
 40.00 Set a temporary 1/4 Sec Cor  
 80.14 Intersect Rand & line 5' S of  
 S of Cor to Secs 2, 3, 10 and 11  
 Thence I run  
 S 89° 55' W on a true line  
 bet Secs 3 and 10  
 Descend gradually  
 Heavy Pine dense Oak Brush  
 5.00 Cross wash on S<sup>4</sup> and  
 descend gradually.  
 11.00 descend gradually  
 28.00 ascend gently  
 29.50 Cross old stage road Flagstaff  
 at Grand Canon the Rand & S of  
 40.07 Set a limestone 18 x 12 x 5 ins  
 12 ins in ground for 1/4 Sec Cor  
 bet Secs 3 and 10 marked  
 1/4 S on N face, from which  
 a Pine & a ins dia br S 82° E

Subdivision T 29 N R 4 E Conty  
chain

27 Mea dist marked 1/4 & 10 B, T.

A Pine 2 1/2 ins dia wa N 58° W

124 Mea dist marked 1/4 & 3 B, T.

Arcena gently

44.00 Level

67.00 Descend gently

80.14 The Cor of Secs 3, 4, 9 and 10

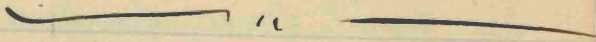
Soil 4 rate

Formation Volcanic Lime

Character Mountainous

81.65 chs Heavy timber dense brush

81.65 chs Mountainous character



Oct 10, at 7 a m lat & 2 set off

35° 53' 45" N on lat arc and 6° 33' E

on decl arc and determined the  
true Meridian with the solar at  
the Cor of Secs 3, 4, 9 and 10.

Thence I run

N 0° 41' E on a random line cut



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Subdivision T. 29 N R 4 E Cont'd  
chain

Secs 3 and 4

110.00 Set a temporary  $\frac{1}{4}$  sec cor

80.00 Intersect N W by Tp 11 lks E  
of cor to Secs 3, 4, 3 3<sup>rd</sup> 34

Thence 2<sup>nd</sup> run

2011' E on a true line bet  
Secs 3 and 4

Descend gently rolling ground  
Heavy Pines - dense Oak Brush

40.00 Set a limestone 16 X 10 X 6 ins  
10 ins in ground for  $\frac{1}{4}$  sec cor bet

Secs 3 and 4 marked  $\frac{1}{4}$  d on  
W face, from which

A Pine 24 ins dia br @  $71^{\circ}30'$  W  
68 lks at marked  $\frac{1}{4}$  d 4 B, P.

A Pine 20 ins dia br N @  $27^{\circ}15'$  E  
5 lks at marked  $\frac{1}{4}$  d 3 B, P.

Descend gradually

45.60 Cross road Rain Tank. N by  
E and W by and cross drain

Subdivision T 29 N R 4 E Contg  
chain

er & Wey - Lacuna gradually  
over rolling ground

80.00 The Cor to Secs 3, 4, 9 and 10  
Soil 4 rate

Formation Volcanic Fine  
Character Mountainous

80.73 Cha Heavy Timber Dense Bush

80.73 Cha Mountainous character

N 0° 3' W bet Secs 32 and 33

Lacuna gently - Rocky

Heavy Pines

2.70 Dense Cedar and Pinon with Pine

14.00 Lacuna gradually - Rocky - Dense burnt  
cedar, Pinon and Oak Spruce

32.00 Lacuna gently - Rocky

39.60 Heavy Pines, Dense Cedar, Pinon,  
Rocky Lacuna gently

40.00 Hit a limestone 20 x 8 x 6 ins  
15 ins in ground for 1/4 Sec Cor bet  
Secs 32 and 33 marked 1/4 S

Ammanraivis T 29 N R 4 E Corner  
Chains

on W face, from which

A Pine 6 ins dia br N 57° 45' W  
12 lbs dist marked 1/4 S 32 B.T.

A Pine 6 ins dia br N 85° 30' E  
20 lbs dist marked 1/4 S 33 B.T.

Level along E<sup>4</sup> slope

53.00 As usual gradually

64.00 Nearly level

80.00 Set a limestone 18 x 12 x 6 ins

12 ins in ground for Cor of Sec

28, 29, 32 and 33 marked  
with 1 notch on S and 4 on

E edges from which

A Pine 12 ins dia br N 60° E

40 lbs dist marked

T 29 N R 4 E S 28 B.T.

A Pine 7 ins dia br N 31° 15' W

139 lbs dist marked

T 29 N R 4 E S 29 B.T.

A Pine 10 ins dia br S 21° E

Antennae T 29 N R 4 E Contg  
chain

63 lbs dirt marked

T 29 N R 4 E S 33 B. 1.

A Pinon 8 ins dia tra S 48° 15' W

75 lbs dirt marked

T 29 N R 4 E S 32 B. 1.

Boil 4 rate

Formation Volcanic Lime

- Character Mountainous

83.49 cha Heavy Timber Dense Brush

83.49 cha Mountainous character

————— " —————

E on a random line but see 28 and  
33.

40.00 Det a temporary 1/4 Sec Cor

80.00 Intersect N and S line 5 lbs S

of Cor to Secs 27, 28, 33 and 34.

Thence I run

S 89° 58' W on a true line

bet Secs 28 and 33

& back gradually.

Subsidiaries T 29 N R 4 E Cont'd  
chain

- Heavy Pines dense Oak Brush
- 81.75 Cross wash cr  $\frac{1}{4}$  mi  
ascend gradually
- 13.00 Over rolling ground
- 31.00 ascend rapidly - Rocky
- 34.00 Leave Pines and enter dense  
Oak and Buck Brush
- 40.00 Get a limestone  $18 \times 10 \times 8$  in  
12 in in ground for  $\frac{1}{4}$  sec by  
net dec 28 and 33 marked  
 $\frac{1}{4}$  A on N face from which  
a Pine 18 in dia br N  $0^{\circ} 15'$  E,  
85 the dia marked  $\frac{1}{4}$  D 28 B. P.  
An Oak 5 in dia br S  $21^{\circ} 45'$  E  
105 the dia marked  $\frac{1}{4}$  D 33 B. P.
- 48.00 Along N<sup>y</sup> rocky slope
- 54.50 Descend rapidly - Rocky
- 56.00 Heavy Pines dense Oak Brush
- 60.50 ascend rapidly
- 66.00 Rolling ground

Submissions 129 1/4 R 4 E Cont'd

chains

73.00 Ascend rapidly Rocky

79.00 Level

80.00 The Cor to Sec 28, 29, 32 and 33

Soil 4 rats

Formation Volcanic Lime

Character Mountainous

81.90 chs Heavy Timber Dense brush

81.90 chs Mountainous character

11.

No '3' It bet Sec 28 and 29

Descend gradually

Dense cedar, Pinon, Pine and Oak brush

11.00 Cross automobile road Flagstaff

to Grand Canon and

Cross draw cr W<sup>4</sup> - Ascend gradually

25.00 Descend gradually - Rocky

30.00 Ascend gently along rocky SW<sup>4</sup> slope

40.00 Hit a limestone 20 x 12 x 6 ins

15 ins in ground for 1/4 Sec Cor bet

Sec 28 and 29 marked 1/4 S on W

Submainis T 29 R 4 E Conty  
Chains

face, from which

A Pine 24 ins dia br N 22° 30' E

68 lbs and marked 1/4 & 25 B.T.

A Pine 18 ins dia br S 78° 15' W

36 lbs and marked 1/4 & 29 B.T.

Ascend gently along rocky S W<sup>9</sup> slope

47.00 Descend gradually - Rocky

51.00 Cross rocky wash or S W<sup>9</sup> and

Ascend gradually

53.00 Ascend rapidly - Rocky

75.00 Descend gradually

79.60 Ascend gently

80.00 Set a limestone 18x10x5 ins

12 ins in ground for Cor of Secs

20, 21, 28 and 29 marked with

2 grooves on S and N or E edges,

from which

A Pine 18 ins dia br N 22° 30' W

85 lbs and marked

T 29 N R 4 E S 20 B.T.

Subdivision T 29 N R 4 E Cont'd  
chains

A Pine 22 ins dia br 257°15' E  
121 lbs dia marked

T 29 N R 4 E S 28 B. 1.

A Pine 20 ins dia br 210°15' W  
142 lbs dia marked

T 29 N R 4 E S 29 B. 1.

A Pine 9 ins dia br N 28°15' E  
227 lbs dia marked

T 29 N R 4 E S 21 B. 1.

Soil 4 rods

Formation Volcanic Fine  
Character Mountainous

St. 79 cha Heavy Timber & some Brush

St. 79 cha Mountainous character

A 89°58' E on a random line bet  
Sec 21 and 25

40.00 Set a temporary 1/4 Sec Cor

80.24 Intersect N and S line 1/4 Sec N

of Cor N Sec 21, 22, 27 and 28



Subsidence T 29 N R 4 E Conty  
chain

Thence 2 mi

N 89° 56' W on a true line bet  
Bees 21 and 28

Ascend gradually

Heavy Pine some Oak Brush

10.00 Ascend gently

20.00 Descend gradually

23.35 Cross automobile road N. lay off  
to Grand Canyon br N 62° 11' W

30.00 Descend rapidly

40.12 Hit a limestone 18 X 14 X 6 ins 12  
ins in ground for 1/4 sec cor bet  
Bees 21 and 28 marked 1/4 S on  
N face, from which

A Pine 14 in dia br N 56° 30' W  
49 lbs ant marked 1/4 S 21 B. 1,

A Pine 30 in dia br S 20° 30' W  
39 lbs ant marked 1/4 S 28 B. 1,

40.15 Cross wash or S 4' and

Ascend gradually

Ammission 129 N R 4 E Colby  
chain

44.00 Across point of ridge and  
ascend abruptly

54.00 Cross wash cr S<sup>4</sup> and  
ascend abruptly

58.00 Ascend gradually

62.00 Along point of ridge br N<sup>4</sup> S<sup>4</sup> E

64.00 Descend abruptly

70.00 Cross wash cr S<sup>4</sup> and  
ascend abruptly

73.00 Along rocky S<sup>4</sup> slope

80.24 The cr to Sec 20, 21, 28 and 29  
Soil H rate

Formation Volcanic Line

Character Mountainous

81.12 ch. Heavy fine Dense Brack

81.12 ch. Mountainous character

11

Oct 13, 7 a m l. m. t. & set off

35° 57' 09" N on bar arc and 7° 39' N on

decl arc and determined the true

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Subdivision T 29 N R 4 E Cont'd  
 Chanis

Meridian with the Solar at the  
 Cor to Secs 20, 21, 28 and 29  
 Thence & run  
 N 00° 31' 11" E bet Sec 20 and 21  
 Level

- Heavy Pines, scattering Oak Brush
- 12.50 Descend along rocky E<sup>ly</sup> slope
- 20.00 Ascend wash
- 25.00 Ascend rapidly - Rocky
- 37.00 Ascend gradually
- 40.00 Set a limestone 18 X 14 X 5 in  
 12 in in ground for 1/4 sec Cor bet  
 Secs 20 and 21 marked 1/4 S  
 on N face, from which  
 a Pine 20 in dia br N 67° 15' W  
 24 lks dist marked 1/4 S 20 B. P.  
 a Pine 16 in dia br N 71° 30' E  
 126 lks dist marked 1/4 S 21 B. P.  
 Ascend gently
- 57.00 Descend gently

Subdivision T 29 N R 4 E Cochet  
Main

80.00 Set a monument 16 x 14 x 5 ins

10 ins in ground for lot of Sec  
16, 17, 20 and 21 marked with  
3 stakes on S and 4 on E  
Edges, from which

A Pine 10 ins dia br S 71° W  
115 lbs dia marked

T 29 N R 4 E S 20 B. 1.

A Pine 12 ins dia br N 63° 15' E  
55 lbs dia marked

T 29 N R 4 E S 16 B. 1.

A Pine 10 ins dia br S 37° E  
45 lbs dia marked

T 29 N R 4 E S 21 B. 1.

A Pine 8 ins dia br N 30° W  
116 lbs dia marked

T 29 N R 4 E S 17 B. 1.

Soil A rate - Rocky  
Formation Volcanic Line  
Character Montanous

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Subsidence T 29 N R 4 E Cont'd  
chains

84.81 chs Heavy Timber Dense Brush

84.81 chs Mountainous character

N 89° 56' E on a random line  
bet Secs 16 and 21

410.00 Set a temporary 1/4 Sec cor

79.90 Intersect N end of line at  
Cor of Secs 15, 16, 21 and 22  
Thence 2 run

N 89° 56' N on a true line  
bet Secs 16 and 21

Nearly level - along N 4 slope  
Heavy Pine Dense Oak Brush

35.00 Descend gently

39.95 Set a limestone 18 x 14 x 5 ins

12 ins in ground for 1/4 Sec Cor bet  
Secs 16 and 21 marked 1/4 S  
on N face; find which  
a Pine 9 ins dia has S 51° 15' N  
33 chs and marked 1/4 S 21 (S T).

Subdivision 129 N R 4 E Corolla  
chains

A Pine & aspen br N 57°30' W  
25 lbs and marked 1/4 & 16. S. I.  
Descent rapidly

44.00 Crossroad br N 11° W E

55.00 Cross automobile road N 1/2 S 1/4  
Staff to Grand Canyon br N 65° S W 1/4  
Ascent gently

75.00 Level

79.90 The Cor to Sec 16, 17, 20 and 21

Soil 2 rate

Formation Volcanic Fine  
Character Mountainous

80.45 ch Heavy timber and brush

80.45 ch Mountainous character

N 0°3' W bet Sec 16 and 17

Descent gently

Many Pines - scattering Oak Brush

6.00 Descent gradually

35.00 Crossroad br N 11° W E and along

Subdivision T 29 N R 4 E Contd  
Main

NW<sup>1/4</sup> slope

46.00 Dit a limestone 16 X 14 X 8 ins  
10 ins in ground for 1/4 Sec for bet  
Sec 16 and 17 marked 1/4 R  
on N face, from which  
A Pine 18 ins dia br N 87° 15' W  
50' dist marked 1/4 R 17 B. 1.  
A Pine 25 ins dia br N 85° 15' E  
41' dist marked 1/4 R 16 B. 1.  
and along gentle NW<sup>1/4</sup> slope

47.00 Cross automobile road Flagstaff  
to Grand Canyon E 1/4 NW<sup>1/4</sup> and  
join another road about 3 chs N  
and cross draw or NW<sup>1/4</sup>

48.00 Cross draw or NW<sup>1/4</sup>

Log house about 7 chs NW<sup>1/4</sup>

50.00 Dit a limestone 30 X 20 X 6 ins  
22 ins in ground for Cor D Sec  
8, 9, 16 and 17 marked with  
4 grooves on S and E edges from

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BOOK 589

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Submersea 1 29 N R 4 E Conty  
chains

Which

A Pine 40 in dia br N 80°15' W  
50 lbs dist marked

T 29 N R 4 E S 17 B.T.

A Pine 30 in dia br N 42°15' E  
115 lbs dist marked

T 29 N R 4 E S 16 B.T.

A Pine 22 in dia br N 77°45' W  
19 lbs dist marked

T 29 N R 4 E S 8 B.T.

A Pine 22 in dia br N 23°45' E  
46 lbs dist marked

T 29 N R 4 E S 9 B.T.

Soil 4246

Formation Volcanic Fine

Character Mountainous

83.21 cha Heavy Timber Area Brook

83.21 cha Mountainous character



5.

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BOOK 589

Intersect  $\hat{T} 29^{\circ} N R 4 E$  Cor  $\hat{T}$   
chains

$S 89^{\circ} 56' E$  on a random line  
bet Sec 9 and 16

40.00 Set a temporary  $1/4$  Sec Cor  
80.00 Intersect  $N$  and  $S$  line 5 lks  
S of Cor to Sec 9, 10, 15 <sup>and</sup> 16  
Thence run

$N 89^{\circ} 58' W$  on a true line  
bet Sec 9 and 16.

Descend gently Rolling ground  
Heavy Pines

40.00 Set a limestone  $16 \times 8 \times 6$  ins  
10 ins in form of  $1/4$  Sec Cor -  
bet Sec 9 and 16 marked  
 $1/4$  S on N face, from which  
A Pine 24 ins dia br  $S 9^{\circ} W$   
76 lks dist marked  $1/4$  S 16 B. T.  
A Pine 20 ins dia br  $N 30^{\circ} W$   
80 lks dist marked  $1/4$  S 9 B. T.  
Level

50.00 Descend gradually

Subsidence T 29 N R 4 E Conty  
chains

65.00 Cross draw cr NW<sup>ly</sup> and  
Ascend gradually

80.00 The Cor to Secs 8, 9, 16 and 17  
Soil 3 rate

Formation Volcanic Fine  
Character Mountainous

81.56 che Heavy Timber Dense Brush  
81.56 che Mountainous Character

No 3' W bet Secs 8 and 9

Ascend gradually - Rolling and  
Rocky ground

19.00 Cross automobile road, Flagstaff  
N Grand Canyon br NE<sup>ly</sup> & W<sup>ly</sup>  
Cross draw cr SW<sup>ly</sup>

40.00 Dig a limestone 16 x 10 x 8 ins  
10 ins in ground ft 1/4 Sec Cor  
bet Secs 8 and 9 marked  
1/4 Sec on N face, from  
which

53

554

BOOK 589

Submissions T 29 N R 4 E Cont'd  
chains

- A Pine 30 in dia tree  $\Delta 27^{\circ}30'$  E  
16 lbs dia marked  $\Delta 14 \Delta 9$  B.T.
- A Pine 30 in dia tree  $\Delta 76^{\circ}30'$  W  
61 lbs dia marked  $\Delta 14 \Delta 8$  B.T.
- Ascend gradually - Rocky
- 46.00 Descend rapidly - Rocky
- 53.00 Cross draw on  $\Delta$  W by and  
Crossroad tree E and W by and  
ascend gently
- 56.00 Ascend rapidly - Rocky
- 62.00 Ascend gradually
- 80.00 Set a limestone  $14 \times 12 \times 10$  in.  
pins in ground for Cor B Sec  
4, 5, 8 and 9 marked with  
5 notches on  $\Delta$  and 4 on  
E edge, from which  
A Pine 24 in dia tree  $\Delta N 34^{\circ}30'$  W  
95 lbs dia marked  
T 29 N R 4 E  $\Delta 5$  B.T.  
A Pine 14 in dia tree  $\Delta 34^{\circ}$  W

~~Rumourous~~ T 29 N R 4 E Cont'd  
chains

38 Cha distmarked

T 29 N R 4 E S 80 Q. T.

A Pine 24 ins dia br N. 41° E

12 Cha distmarked

T 29 N R 4 E S 4 Q. T.

A Pine 10 ins dia br R 37° 45' E

70 Cha distmarked

T 29 N R 4 E S 9 Q. T.

Soil 4 rate

Formation Volcanic Tuff

Character Mountainous

82.92 Cha Heavy Timber dense brush

82.92 Cha Mountainous character

~~~~~

Oct 16. 12 m l m t I set off

8° 55' S on decl arc and find the

lat to be 35° 53' 44.5" N. At 1 h l. m. t

with lat 35° 54' N I set off 8° 56'

S on decl arc and determined

the True Meridian with the Solar

53

556

BOOK 589

Subdivision T 29 N R 4 E Cont'd  
chains

at the cor to Secs 4, 5, 8  
and 9

Thence 2 run

A 89° 58' E on a random line  
bet Secs 4 and 9

40.00 Set a temporary 1/4 Sec Cor

80.00 Intersect N and S line of Sec 4  
of Cor to Secs 3, 4, 9 and 10

Thence 2 run

Now a true line bet  
Secs 4 and 9

all across gently. Rocky  
Heavy Pines some Oak Brush

40.00 Set a limestone 16 X 8 X 6 ins

10 ins in ground for 1/4 Sec Cor

bet Secs 4 and 9 marked  
1/4 S on N face, from which

A Pine 20 ins dia br N 8° W

95 lbs dia marked 1/4 S 4 B. 1.

A Pine 30 ins dia br N 7° 15' W.

Dimensions T 29 N R 4 E Cont'd  
chains

36 the dist marked 1/4 29 B. T.

Ascend gently - Rocky

57.00 descend abruptly - Rocky

60.60 Level

64.10 Automobile road Flagstaff to  
Grand Cañon cr R<sup>4</sup> and  
Cross draw cr R<sup>4</sup>

69.50 descend abruptly - Rocky

73.00 Level

76.00 descend gently

80.00 The cor to Sec 4, 5, 8 and 9  
Soil 4 note

Formation Volcanic Lime

Character Mountainous

81.21 the heavy timber dense brush

81.31 the Mountainous character

11  
A 001' N on a random line

bet Sec 4 and 5

Have set a temporary 1/4 Sec Cor

53

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BOOK 589

Amviraion 129 N R 4 E Cont'd  
Chains

79.95 Intersect N bdy 1/4 sec  
W of Cor to Sec 4, 5, 32 and 33

Thence I run

S 004' W on a true line bet  
Sec 4 and 5

Descend gently - Rocky  
Heavy Pine, scattering Oak

39.95 Set a limestone 18x12x6 in  
12 in in ground for 1/4 sec Cor

bet Sec 4 and 5 (marked  
1/4 S on W face, from which

A Pine 22 in dia br N 55° 30' E  
11 the dist marked 1/4 S 4 B. I.

A Pine 6 in dia br N 37° 15' W  
75 the dist marked 1/4 S 5 B. I.

Descend gently

79.95 The Cor to Sec 4, 5, 8 and 9  
Soil 3' Rate

Formation Volcanic Lime  
Character Mountainous

Reservations T 29 N R 4 E Conty  
Chans

80.81 chz Heavy Timber Dense Brush

80.81 chz Mountainous Character

"

No. 3' W Net Sec 31 and 32

Ascent gently

Dense Cedar, Pinon and Buck Brush

25.00 Heavy Pine in Cedar and Pinon <sup>2nd</sup>

Descent rapidly

31.50 Cross draw cr & N 4 and

Ascent gradually

40.00 Det a limestone 14 X 12 X 10 ins

9 ins in ground for 1/4 Sec Cor

bet Secs 31 and 32 marked

1/4 S on W face from which

a Pine 18 ins dia br N 61° 30' E

20 x 1/4 dia marked 1/4 S 32 33 T

a Pinon 12 ins dia br S 26° 30' W

68 1/4 dia marked 1/4 S 31 B.D.

Ascent gently

61.00 Descent gradually



53  
560

BOOK 589

Submissions 1 29 N R 4 E Cont'd  
Chains67.50 cross walk or S N<sup>ly</sup> and

ascend gradually

69.00 cross automobile road #1 lag staff  
to Grand Canyon br N E S N<sup>ly</sup>

and ascend gradually

80.00 det a limestone 16 X 15 X 5 ins

10 ins in ground for ln of Sec

29, 30, 31, 32 marked with

1 notch on S and 5 on E

edges, from which

A Pine 30 ins dia br S 33° 30' E

113 lbs dia marked

T 29 N R 4 E S 32 Q. 1.

A Pine 20 ins dia br N 27° 15' W

28 lbs dia marked

T 29 N R 4 E S 31 Q. 1.

A Pinon 8 ins dia br N 66° 15' W

64 lbs dia marked

T 29 N R 4 E S 30 Q. 1.

A Pine 10 ins dia br N 18° E 138

Submissions T-29 N R 4 E Cont'd  
 Chain

Was not marked

T 29 N R 4 E S 29 B.P.

Line 4 rate

Formation Volcanic Fine

Character Mountainous

St. 13 the Heavy Timber same rock

St. 13 the Mountainous character

“

Oct 17 at 7 a. m. l. m. t. I set off  
 $35^{\circ}50'17.3''$  N on lat arc and  $9^{\circ}8'$  S on

decl arc and determined the true  
 meridian with the Polar at the

Cor to Secs 29, 30, 31 and 32.

Thence I run

E on a random line bet Secs 29 and 32

4000 Aka temporary  $1/4$  Sec Cor

8000 Intersect N and S line at the

Cor to Secs 28, 29, 32 and 33

Thence I run

N on a true line bet Secs 29 and 32

5  
 562  
 BOOK 589  
 Invarious 129 N R H E Contd  
 chains

Descent gently

Many Pines, some cedar, Pinon  
 and oak brush

30.00 descent gradually

38.50 descent abruptly over line ledge

40.00 Set a limestone 18x12x6 ins

12 ins in ground for 1/4 Sec Cor

bet Secs 29 and 32 marked

1/4 S on N face, from which

A Pine 30 ins dia br S 35° 30' E

33 lbs dist marked 1/4 S 32 R. T.

A Pine 22 ins dia br N 41° E 167

lbs dist marked 1/4 S 29 R. T.

descent gradually

41.50 Cross wash cr S W<sup>ly</sup> and

descent gradually

45.50 Cross automobile road Flagstaff

to Grand Canyon br N E<sup>+</sup> S W<sup>ly</sup>

56.00 Old corral 150 lbs wide and

descent gradually

Mountains T 29 N R 4 E County  
Chains

69.25 Very tank enclosed by fence and  
cross mark or 2 W<sup>ly</sup> and  
around gradually

80.00 The Cor to Sec 29, 30, 31 and 32  
Soil 4 rate

Formation Volcanic Line  
Character Mountainous

82.00 the Heavy Timber and Brush

82.00 the Mountainous character

—————  
" "  
—————  
W on a random line bet Sec  
30 and 31

40.00 Det a temporary 1/4 Sec Cor

80.20 Intersect W body Tp at Cor of  
Sec 25, 30, 31 and 36 which  
is a limestone firmly set in the  
ground marked with 1 groove  
on the S end & on the N face  
from which

A Pinon 8 ins dia bet S 36° 45' E

Submeris T 29 N R 4 E Contd  
cross

28 the dist marked

T 29 N R 4 E S 31 B. T.

A Pinon 6 in dia tree S 70° 45' W

33 the dist marked

T 29 N R 3 E S 36 B. T.

A Pinon of ins dia tree N 11° 15' W

51 the dist marked

T 29 N R 3 E S 25 B. T.

A Pinon 10 in dia tree N 80° 45' E

35 the dist marked

T 29 N R 4 E S 30 B. T.

Thence I run

E on a true line bet Secs 30<sup>and</sup> 31

Ascend gradually

Leave Cedar and Pinon

2.00 Descend gradually

9.00 Cross draw on S W. ly and

Ascend rapidly - Rocky

Enter Heavy Pines

12.00 Ascend gently - Rocky and

Submissions T 29 N R 4 E Corbett  
cham

- Some Cedar and Pinon among Pines
- 27.00 Level
- 37.50 Descend abruptly
- 38.50 Cross wash er S<sup>4</sup> and  
Ascend gradually
- 40.20 Set a limestone 6 x 10 x 5 in  
10 in in ground for 1/4 sec to be  
Sec 30 and 31 marked 1/4 S in  
N face, from which  
A Pine 3 1/2 in dia br S 13° W  
22 lbs det marked 1/4 S 31 B.T.  
A Pine 10 in dia br N 23° 45' W  
105 lbs det marked 1/4 S 30 B.T.  
Ascend rapidly
- 415.00 Cross wash er S W<sup>4</sup> and  
Ascend rapidly
- 57.00 Level - Some cedar and Pinon
- 60.00 Descend gently Heavy Pinon and Cedar
- 67.00 Ascend over rolling ground
- 80.20 The Cor To Sec 29, 30, 31 and 32

5

566

POOK 589

Submeris T 29 N 19 4 E Corral  
Chains

Soil & rate

Formation Volcanic Lime

Character Mountainous

\$1.47 ch Heavy timber some brush

\$1.47 ch Mountainous character

Oct 17 12 m last I set off  
9°17' S on decl arc and find the  
lat to be  $35^{\circ}50'17.3''$  N. At 1 h l.m.t.

with lat at  $35^{\circ}50'$  N I set off  
9°18' S on decl arc and determined  
the true Meridian with the solar

at the Cor of Secs 29, 30, 31 and 32

Thence I run

N 0°3' W bet Secs 29 and 30

Ascend gradually

Some Cedar, Pinon, Heavy Pines

33.00 ascend gradually

35.00 ascend gradually along N  
side of draw

Subdivision 129 N R4 E Contd  
chain.

- 40.00 Set a limestone 20x10x8 ins 15 ins  
in ground for 1/4 Sec Cor bet Decs 29  
and 30 marked 1/4 Sec W face, from which  
A Pine 8 ins dia brs N 29° 30' W 41 lbs  
dist marked 1/4 S 30 P.T.  
A Pine 18 ins dia brs N 78° 15' E 52 lbs  
dist marked 1/4 S 29 P.T.  
On W<sup>ty</sup> slope and  
Ascend along draw
- 42.00 Cross creek or S<sup>ty</sup> and Ascend  
rapidly - Rocky
- 47.00 Some burnt cedar and Pinon  
Live Buck Brush - Rocky and  
Ascend rapidly
- 57.00 Some live cedar and Pinon  
Ascend gently - Rocky
- 62.00 Heavy Pines Some Oak Brush  
Ascend gradually - Rocky
- 80.00 Set a limestone 18x14x8 ins 12 ins  
in ground for Cor to Decs 19, 20, 29 and 30



5

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BOOK 589

Submersions 1 29 N R 4 E Cont'd  
chains

Marked with 2 grooves on S end  
5' on E edge, from which  
A Pine 16 ins dia tree S 45° 15' W  
40 lbs dist marked

T 29 N R 4 E S 30 B.T.  
A Pine 6 ins dia tree S 43° E  
52 lbs dist marked

T 29 N R 4 E S 29 B.T.  
A Pine 20 ins dia tree N 7° 45' E  
42 lbs dist marked

T 29 N R 4 E S 20 B.T.  
A Pine 18 ins dia tree N 32° 30' W  
76 lbs dist marked

T 29 N R 4 E S 19 B.T.  
Noie H rati

Formation Peccanic Line  
Character Mountainous

83.05 chs Heavy Timber Heavy Brush

83.05 chs Mountainous character

Subdivision T 29 N R 4 E Cont'd  
chain

Ear a random line bet  
Sec 20 and 29

14.00 Set a temporary  $\frac{1}{4}$  Sec Cor

80.14 Intersect N and S line of Sec 20 of Cor  
to Sec 20, 21, 28 and 29

Thence S rim

N 89° 56' W on a true line bet  
Sec 20 and 29

Ascend gradually along rocky  
S<sup>9</sup> slopes

Heavy Pines, Cedar, Piñon, Oak Brush

8.00 On high ridge overlooking valley and  
mountains to S. - Descend gradually

17.00 Descend abruptly

21.75 Cross wash cr S<sup>9</sup> and ascend  
abruptly - Rocky

25.00 Ascend gradually

26.00 Level

29.00 Descend gradually

36.00 Descend rapidly

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BOOK 589

5  
 Surveys 129 N R 4 E Cont'd  
 chains

40.07 Set a limestone 16 x 10 x 5" in 10  
 in in ground for 1/4 sec cor bet Secs  
 20 and 29 marked 1/4 S on N face  
 from which

A Pine 26 ins dia br N 40° W 139  
 like dist marked 1/4 S 29 1/2 P.

A Pine 25 ins dia br N 49° 30' W  
 94 like dist marked 1/4 S 20 B P.

Descend abruptly

47.00 Cross wash cr S 1/4 and

Ascend rapidly

52.00 Descend abruptly

56.00 Cross draw cr S 1/4 and

Ascend abruptly

59.00 Ascend rapidly across rocky draw

65.00 Ascend gradually

80.14 The cor to Secs 19, 20, 29 and 30

See 4 rate

Formation Volcanic Line

Character Monotonous