

"D."

(3)

Subdivisions
of
T. 28, N. R. 5, E.
by
Lewis Wolfley.

115

BOOK 560

No. 560

4-671

560

FIELD NOTES
GENERAL LAND OFFICE.

116 read + compared

Indexed, Book 562.

Township 28N R. 5E

6	225	4	3	2	1	
120	118					
7	117	8	9	10	11	12
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

Subdivisions T. 28 N., R. 5 E.
chs.

A pine 16 ins. in diam. Crs. S 88°
E. 72 lks. dist. marked $\frac{1}{4}$ S 8 B.T.
Ascend gradually.

44.00 Level.

58.00 Open draw course S $\frac{1}{2}$ E

64.00 Cross road N $\frac{1}{2}$ E and S $\frac{1}{2}$ E.

74.50 Dense cedar, pine, juniper, and
ascend gradually - Rocky.

80.00 Set a limestone 18x14x8 ins. $\frac{2}{3}$
in ground for cor. of secs. 5, 6, 7 and
8, marked with 5 grooves on S
and E edges, from which a
pine 20 ins. in diam. Crs. N 74° 45'
W. 68 lks. dist. marked, T. 28 N.,
R. 5 E., S. 6, B.T.

A pine 22 ins. in diam. Crs.
N 66° 30' E. 104 lks. dist. marked
T. 28 N., R. 5 E., S. 5, B.T.

A pine 24 ins. in diam. Crs. S.
10° E. 76 lks. dist. marked, T. 28

Subdivisions T. 28 N., R. 5 E.
chs.

N. R. 5 E., S. 8, B. T.

A pine 24 ins. in diam. Cr.
 P. $30^{\circ} 45'$ N. 135 lks. dist. marked
 T. 28 N., R. 5 E., P. 7, B. T.

Soil 4th rate.

Formation volcanic lime

Character mountainous.

16.50 chs. Open ground.

69.40 chs. Heavy timber, dense
 brush.

85.90 chs. Mountainous character

————— " —————

S. $89^{\circ} 59'$ E. on a random line

bet. secs. 5 and 8.

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

80.00 Intersect N and S. line 9 lks.

P. of cor. to secs. 4, 5, 8 and 9.

Thence I run

S. $89^{\circ} 57'$ N. on a true line

bet. secs. 5 and 8.

Subdivisions T. 28 N, R. 5 E

chs.

- Level - Heavy pines.
- 20.00 Descend gradually.
- 30.00 Descend rapidly and dense
cedar, piñon and pines.
- 40.00 Cross (X) on lime ledge in place
for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8.
marked $\frac{1}{4}$ S, N of cross, from
which a pinion 18 ins. in diam.
brs. S. 81° E. 26, lks. dist., marked
 $\frac{1}{4}$ S. 8, B. T., a pine 20 ins. in
diam. brs. N 22° 30' St. 56 lks. dist.
marked $\frac{1}{4}$ P. 5, B. T.
- Descend gradually.
- 43.00 Heavy pines - Level.
- 49.00 Open park.
- 63.00 Descend rapidly and heavy
pines.
- 67.00 Descend gradually - Open park.
- 67.50 Cross stage road + flagstaff to
Grand Cañon brs. N^W and S^E

Subdivisions T. 28 N., R. 5 E.

Chs.

72.00 Enter heavy pines. Rolling.

78.00 Descend gradually.

80.00 The cor. to secs. 5, 6, 7 and 8
 Set 4th rate.

Formation volcanic line.

Character mountainous

19.00 Chs. Open ground.

61.82 Chs. Heavy timber, dense
 brush.

80.82 Chs. Mountainous character

————— " —————
 N 84° 59' W. on a random
 line bet. secs. 6 and 7.

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

78.00 Intersect N. bdy. of Tp. 9 lbs.
 N of cor. to secs. 1, 6, 7 and 12.
 Thence I run.

N 84° 57' E. on a true line
 bet. secs. 6 and 7.

Ascend gradually.

Subdivisions T 28 N, R. 5, E.

chs.

Dense cedar, juniper and buck
brush - and heavy pine.

9.00 Level - heavy pine - Rocky.

38.00 Set a limestone $15 \times 10 \times 6$ ins.
 $\frac{2}{3}$ in ground for $\frac{1}{4}$ sec. cor. bet.
secs. 6 and 7 marked $\frac{1}{4}$ P. on
N face; from which.

A pine 28 ins. in diam. br. N 74°
30' E. 102 lks. dist. marked $\frac{1}{4}$
P. 6, B. T.

A pine 20 ins. in diam. br. S 24°
15' E. 72 lks. dist. marked $\frac{1}{4}$
S 7, B. T.

Nearly level.

58.00 Cross wagon road br. N.W.
and S. E by.

59.00 Cross draw course P. E $\frac{1}{2}$ by.

60.00 Cross low lime ledge.

76.00 Cross draw course P. E $\frac{1}{2}$ by.

78.00 The cor. to secs. 5, 6, 7 and 8.

Subdivision: T. 28 N., R. 5 E.

chs.

Set 4th rate.

Formation volcanic line.

Character mountainous.

79.74 chs. Heavy timber - dense brush.

79.74 chs. Mountainous character.

————— " —————

N 0° 03' E on a true line bet. secs. 5 and 6 through dense cedar and pinon.

35.65 Enter rocks.

40.00 Set a limestone 18 x 10 x 6 ins.

$\frac{2}{3}$ in ground for $\frac{1}{4}$ sec. cor.

bet. secs. 5 and 6, marked $\frac{1}{4}$

S. on N. face, from which,

A pinon 24 ins. in diam. Obs.

N 5° 45' E. 57 lks. dist. marked

$\frac{1}{4}$ S. 5, B.T.

A pine 20 ins. in diam. Obs.

N 34° 04'. 165 lks. dist. marked

Subdivisions: T. 28, N, R. 5, E.

chs.

$\frac{1}{4}$ S. 6, B. T.

Ascend gradually - Rocky.

43.15 Ascend gradually - Rocky.

45.45 Cross wash course S. E. ^{ly}.

51.55 Cross old stage road Flagstaff to Grand Cañon. Crs. N. W. and S. E. ^{ly}. Ascend gradually.

55.15 Ascend gradually.

57.15 Enter heavy pines and descend rapidly - Rocky.

75.15 Descend rapidly scattering pines, cedars and pinions.

80.15 Intersect 7th Standard Parallel N. 10.40 chs. N. of S. C. to secs. 31 and 32, T. 29, N, R. 5, E, which is a stone firmly set in the ground and witnessed as described by the Surveyor General.

At 10.40 chs. N. of S. C. to secs.

Subdivisions T. 28 N., R. 5 E.

chs

31 and 32, I set a limestone
20x12x6 ins. $\frac{3}{4}$ in ground
for P.C. to secs. 5 and 6 with
1 groove on N. and 5 on E.
faces, from which.

A pin on 10 ins. in diam.

brs S 70° 43' N. 18 lks. dist.

marked T. 28 N., R. 5 E. S. 6 B.T.

A pin on 10 ins. in diam. brs.

S. 46° 30' E. 28 lks. dist. marked

T. 28 N., R. 5 E. S. 5 B.T.

Sec 4th rate.

Formation volcanic lime.

Character mountainous.

82.77 chs. heavy timber, dense
brush.

82.77 chs. Mountainous character

10.40 chs. Connecting lines.

Subdivisions T. 28 N., R. 5 E.

cho.

General Description

The grass is poor generally except in burnt districts and in the prairie.

The elevation in the lower portion is about 7,000 ft. and in the higher about 8,000 ft.

The formation is volcanic lime which has flooded and when cool broken into rough and jagged rocks.

Excepting in some portions the whole is covered with heavy timber and brush.

Cedar, pine and spruce predominate.

Subdivisions T. 28 N. R. 5 E
cho.

No water.

Mineral signs poor.

The mean magnetic declination as determined by solar observations, and corrected as per the table on page 100, in the manual of surveying instructions, is $N. 13^{\circ} 10' E.$

The soil is volcanic ash and decayed vegetation thin except in washes.

Lewis Valley
U.S. Dept. Survey

Subdivisions. T. 28, N., R. 5, E.

chs.

For final caths see Book
"J" T. 27, N., R. 4, E.

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

March 1st 1904.

The foregoing field notes of the survey of To 25 N. R. 5 E.

Green and Salt River meas
executed by Lewis Wolfley

under his Contract No. 72 dated June
13, 1902, having been critically

examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George Christ

U.S. Surveyor General for Arizona.