

"F"

BOOK 593

Submissions

Tract. T. 20N. R 6E

Lewis Wolfrey

4-671

D. S.

593

FIELD NOTES
GENERAL LAND OFFICE.

No. 270

Field Notes
of the Survey of the
Subdivisions of
Twp. 29 N., R. 6 E. (Fractional,
of the
Principal Base^{2nd} Meridian
in the
Territory of Arizona
as surveyed by
Lewis Wolfley, U. S. Deputy
Surveyor under his
Contract No 72,
Dated June 13, 1900.

Survey commenced Aug 7, 1900
Survey completed Aug 9, 1900.

2

Subdivision T. 29 N. R. 6 E.

Names & Duties of Assistants.

Ed. Helen Chairman

B. F. Walker Chairman

E. O. Sowers Marker & Moundman

J. W. Bower Moundman

James A. Pierce Axeman

J. L. Gardner Flagman

BOOK 593

Index.

38	35		
18	33	17	12
31	30		
19	27	20	9
25	25		
30	21	29	7
17	19		
31	15	32	5

BOOK 593

3

Subdivision T. 29 N. R. 6 E.

Subdivision T. 29 N. R. 6 E.

chains

In accordance with my instructions viz: "You may subdivide these Tps in any order that best suits your convenience" and Having on Aug 3rd at the S.C. to TP 29 R. 5 and 6 E. observed Polaris and thoroughly tested the Solar apparatus and found them to be correct.

Aug 7 at the hour of 7 A.M. l. m. t I set off $33^{\circ} 49' N.$ on lat arc and $16^{\circ} 29' N.$ on decl arc and determined the true Meridian with the Solar at the S.C. Tps 29 N. R 6 E. sec 32 and 33 which is a stone firmly set in ground and witnessed as described by Surveyor

Subdivision 4.29 N.R. 6 E.

chains

General.

Thence Iron

N. 0° 03' W bet secs. 32 + 33

Level

Dense Cedar and Piñon

20.00 Enter rolling and Rocky ground

30.00 Ascend gradually stony ground

40.00 Set a limestone 22 x 12 x 8 ins
17 ins in ground for $\frac{1}{4}$ sec. cor.

bet secs 32 + 33 marked

 $\frac{1}{4}$ S on W face, from which
a Piñon 14 ins in diameter
brs S. 8° 30' E. 20 lks dist.
marked $\frac{1}{4}$ S. 33 B.T.A Piñon 12 ins in diameter
brs S 73° W. 30 lks dist
marked $\frac{1}{4}$ S 32 B.T.

53.00 Descend abruptly - Rocky

54.00 Level

58.00 Ascend gradually - Rocky

Subdivision Y. 29 N. R. 6 E.

- chs
 62.00 Descend abruptly - Rocky
 64.00 Level - Rocky
 80.00 Set a limestone $24 \times 14 \times 14$ ins 18 ins in ground
 for cor of secs 28, 29, 32 & 33
 marked with 1 notch
 on the S. & 4 notches on
 E. edges. from which
 A cedar 12 ins dia brs N
 $24^{\circ} 15' E$. 44 lks dist marked
 Y. 29 N. R. 6 E S. 28. B. Y.
 A Piñon 6 ins dia brs S.
 $46^{\circ} 13' E$. 28 lks dist, marked
 Y. 29 N. R. 6 E. S 33 B. Y.
 A Piñon 6 ins diameter
 brs S $38^{\circ} 45' N$ 26 lks dist
 marked
 Y. 29 N. R. 6 E S 32 B. Y.
 A Piñon 6 ins diameter brs
 N. $39^{\circ} N$ 33 lks dist, marked

Subdivision T. 29 N. R. 6 E

chs

T. 29 N. R. 6 E. S. 29 B. 4.

Land broken and 4th class
Formation volcanic line

Character mountainous

81.81 chs Heavy timber - Dense brush

81.81 chs mountainous.

N. 0° 03' W bet Secs 28 & 29

Ascend gradually - Stony
Dense Cedar & Piñon.

12.50

Descend abruptly - Stony

14.00

Level

17.00

Ascend abruptly.

Rocky point.

19.00

Top of ridge & over broken
ground.

40.00

Set Piñon post 3ft long
3 ins sq. 24 ins in ground
for 1/4 sec. cor. bet sec 28 & 29

Subdivision T. 29 N. R. 6 E.
cls

marked $\frac{1}{4}$ S 29 on W. face
and S 28 on E face.

From which

A Piñon 18 ins in diam
bys N. $63^{\circ}-15'$ W. 52 lks dist
marked $\frac{1}{4}$ S 29 B. T.

A Piñon 8 ins in diam
bys N. 84° E 42 lks dist-
marked $\frac{1}{4}$ S. 28 B. T.

79.90 Cross old trail by N. W + S E.

80.00 Set limestone $20 \times 14 \times 12$ ins
15 ins in ground for cor
secs 20, 21, 28 + 29.

marked with 2 notches on S
and 4 notches on E edges
from which

A Piñon 10 ins in diam
bys N. $70^{\circ}-30'$ W 4 lks dist-
marked T. 29 N. R 6 E. S 20 B. T.

A Piñon 8 ins diam by S 60° W.

Subdivision T. 29 N. R. 6 E

chs

53 lks dist marked

T 29 N R 6 E. S 29 B. 7.

All the trees to the N. E.
burnt and dead.

Soil 4th rate - stony & rocky.

Formation Volcanic Lime

Character Mountainous

82.47 chs Heavily timber. Dense brush

82.47 chs Mountainous.

Aug 7th 12 M. lmt I set off 16:25'
N. on decl arc + take lat
35° 51' N. At 1st lmt with
lat arc at 35° 51' N. and decl
arc 16° 24' N I lay off the true
meridian.

Thence I run

N. 0° 03' W but sees 20 + 21

Over broken ground.

a person in view
60 lks dist. marked T 29 N. R. 6 E
S. 28 B. 7.

Subdivision T. 29 N. R. 6 E.
cls

- Dense Cedar & Piñon
- 4.50 Ascend gradually over broken & rocky ground.
- 40.00 Set a limestone 18x10x8 ins 12 ins in ground for $\frac{1}{4}$ sec cor bet sec 20 & 21 marked $\frac{1}{4}$ S on N face, from which a Pinon 8 ins diam br N 82° 15' W 60 lks dist marked $\frac{1}{4}$ S 20 B. Y. A Cedar 10 ins diam br S 72° 30' E 72 lks dist marked $\frac{1}{4}$ S 21 B. Y. Ascend gradually over broken ground.
- 80.00 Set a Piñon post 3 ft long 4 ins sq 24 ins in ground for cor sec 16, 17 20 & 21 marked
- T 29 N. sec 16 on N. E.
R 6 E. Sec 21 on S. E.
Sec 20 on S W.

Subdivision T. 29 N. R. 6 E.

cls

and Sec 17 on N.W. faces
with 3 notches on S and
4 on E edges, from which
a Piñon 6 ins in diameter
bore S 60° W. 48 lks dist-
marked

T. 29 N. R. 6 E S 20 B. Y.

A Piñon 10 ins in diameter
bore S 11° 30' E 17 lks dist-
marked

T. 29 N. R. 6 E S 21 B. Y.

A Piñon 8 ins in diam
bore N. 24° 30' E. 41 lks dist-
marked

T. 29 N. R. 6 E S. 16 B. Y.

A Cedar 12 ins in diam bore N.
63° 30' W 16 lks dist- marked

T. 29 N. R. 6 E S 17 B. Y.

Sail - 4th Rate - Rocky
Formation Volcanic line

12

BOOK 593

Subdivision T. 29 N. R. 6 E

chs

Character Mountainous
 82.5-40chs Heavy Timber +
 Dense Brush
 Mountainous 82.5-40chs

- N 0° 3' W bet secs 16 & 17
 Dense Cedar + Piñon
- 17.00 Enter dense fire-swept
 cedar + Piñon standing
 and fallen.
- 26.00 Leave burnt and enter
 dense live Cedar + Piñon.
- 40.00 A Piñon tree 6 ins in diam
 for $\frac{1}{4}$ sec cor bet secs
 16 + 17 marked $\frac{1}{4}$ d. 17 on
 N. face and S 16 on on E.
 face, from which
 a Piñon 6 ins diam tree
 N. 6 3 lks dist marked $\frac{1}{4}$

Subdivision T. 29 N. R. 6 E

chs

S. 17 B. T.

A Pinon tree in diam
brs N. 80° E, 23 lks dist mark-
ed 14 & 16 B. T.

Gradually ascend over
rocky ground.

48.00 Descend gradually - rocky

5-7.00 Descend rapidly - Rocky

60.00 Along rocky W. slope

80.00 A cedar 20 ins diam for cor
secs 8, 9, 16 & 17 marked

T 29 N. S 9 on N. E.

R 6 E S 16 " S. E.

sec 17 " S. W.

sec 8 " N. W. sides

with 4 notches on S & E sides
from which

A Pinon tree diam brs

S 29° 30' E. 28 lks dist marked

T 29 N. R 6 E S. 16 B. T.

Subdivision Y. 29 N. R. 6 E.
chs

A Piñon 5 ins diam brs
N. 13° E. 25 lks dist. marked
Y. 29 N. R. 6 E. S. 9 B. Y.

A Piñon 7 ins dia brs
N. $34^{\circ} 15'$ W 86 lks dist marked
Y. 29 N. R. 6 E. S. 8 B. Y.

A Piñon 8 ins dia. brs
S 88° W. 65 lks dist marked
Y. 29 N. R. 6 E. S. 17 B. Y.

Soil 4th rate - Rocky
Formation Volcanic Tuff
Character mountainous
82.90chs Heavy Timber - Dense brush
82.90chs Mountainous

From the S. C. to sec 31 & 32
Y 29 N. R. 6 E. which is a
stone firmly set & witnessed
by the Surveyor General

Subdivision T. 29 N. R. 6 E

dis

I run

N. 0° 3' W. bet secs 31 & 32

Ascend gradually
Dense cedar + Piñon3.00 Ascend rapidly along
line breaks.

14.00 Top and descend rapidly

21.00 Descend gradually.

23.00 Cross wash course E^{ly} ascend Rock cliff

24.00 Ascend rocky breaks

33.00 Nearly level.

40.00 Set a Piñon post 3ft long
3ins sq. 24ins in ground
for 1/4 sec cor bet secs 31 & 32
marked 1/4 S on W face and
S 32 on E face, from which
a Piñon 6ins dia brs W
30 lks dist marked 1/4 S 31 B.Y.
a Piñon 6ins dia brs E 6 lks
dist marked 1/4 S 32 B.Y.

Subdivision T. 29 N. R. 6 E
 chs

80.00

Nearly level.

Set a Piñon post 3ft long 4 ins sq, 24 ins in ground for cov secs 29, 30, 31 + 32 marked

T. 29 N. S 29 on N.E.

R. 6 E S 32 " S.E.

Sec 31 on S. W and

Sec 30 on N. W. faces with

1 notch on S, + 5 notches

on E. edges, from which

a Piñon 10 ins dia brs

N. $34^{\circ}-15'$ E, 35 lks dist marked

T. 29 N. R. 6 E. S 29 B. Y.

a Piñon 6 ins dia brs S 63° E

21 lks dist marked

T. 29 N. R. 6 E. S 32 B. Y.

a Piñon 12 ins dia brs

S $41^{\circ}-30'$ W 23 lks dist. marked

T. 29 N. R. 6 E S. 31. B. Y.

Subdivision T. 29 N. R. 6 E

chs

a Pinon birch diab. N 19° W

38 lks dist marked

T. 29 N. R. 6 E. S 30 B. Y.

Soil 3rd rate Stony

Dense cedar + Pinon + fallen
trees

Formation Volcanic lime

Character Mountainous

81.5-3 chs Heavy timber. Dense brush

81.5-3 chs Mountainous.

W. on random line
bet secs 30 + 31.

40.00 Set temp 1/4 sec cor.

80.20 Intersect W bdy of T. 15 lks
N. of cor to secs 25, 30, 31 + 36
heretofore described

Thence I run

N. 89° 54' E on a true line bet. ^{secs. 30 + 31.}

Subdivision T. 29 N. R. 6 E.

chs

- Descend gradually,
Dense cedar + Piñon.
- 2.00 Ascend gradually
- 7.00 Descend gradually
- 37.00 Cross wash covered by scatter-
ing Pines
Ascend gradually
Cedar + Piñon
- 40.20 Set Piñon frost 3ft long
3ins sq 24ins in ground
for $\frac{1}{4}$ sec cov bet sec
30 + 31 marked $\frac{1}{4}$ S 30 on N.
face and S 31 on S face
from which
A Piñon 10 ins dia
brs S 86° E, 27 lks dist
marked $\frac{1}{4}$ S 31 B.G.
A cedar 15 ins dia, brs
N. 38° 43' W 19 lks dist
marked $\frac{1}{4}$ S. 30 B.G.

Subdivision 7.29 N. R. 6 E.

61.00	Descend abruptly - Rocky
63.50	Enter dense cedar + Pinon
66.00	Descend rapidly - Rocky
68.00	Crossroad bcs N + S.
78.00	Descend gradually.
80.20	Cor secs 29, 30, 31 and 32 soil 4th rate.
	Formation volcanic Lime
	Character mountainous
80.66 chs	Heavy timber - Dense brush.
80.66 chs	Mountainous.

E. on random line
hit secs 29 & 32.

40.00	Set temp 1/4 sec. cor
80.24	Intersect N. + S. line 20kts S. of cor. of secs 28, 29, 32 & 33 thence I run S. 89°-52' W on true line

20

BOOK 593

Subdivision T. 29 N. R. 6 E.
Lms

- bet secs 29 + 32
Dense Cedar + Piñon
Descend gradually - Rocky
3.00 Ascend gradually - Rocky
10.00 Nearly level - Rocky
40.12 Set Piñon post 3 ft long
3 ins sq 24 ins in ground
for $\frac{1}{4}$ sec. cor bet secs 29 + 32
marked $\frac{1}{4}$ S. 29 on N. face.
S 32 on S. face, from which
a cedar 12 ins in diam
brs N. $37^{\circ} 43'$ E 20 lks dist
marked $\frac{1}{4}$ S 29 B. T.
a Piñon 7 ins diam brs
S 33° W. 27 lks dist. marked
 $\frac{1}{4}$ S 32 B. T.
64.00 Cross washer S. E $\frac{1}{4}$
80.24 Intersect cor of secs 29, 30,
31 + 32. Land rocky
4th rate.

Subdivision T. 29 N. R. 6 E.

chs

Formation Volcanic Lime
 Character Mountainous
 80.71 Heavy Timber, Dense brush
 80.71 chs Mountainous.

Aug 8, At 7 AM I set with
 35-50' N on lat arc and 16.13' N.
 on Decl arc I determine
 the true meridian with
 the solar at the cor of secs
 29, 30, 31 + 32. T. 29 N. R. 6 E.

Thence I run
 N. 0° 03' W bet secs 29 + 30
 1/4 ch

Dense Cedar + Pinon

40.00

Set limestone 18 X 9 X 5 - ins
 12 ins in ground for 1/4 sec cor
 bet secs 29 + 30 marked
 1/4 S on W face, from which

22

BOOK 593

Subdivision 4.29 N. R. 6 E
chs

A Piñon 10 ins in diam
brs S 30° E 14 lks dist mark-
ed $\frac{1}{4}$ S 29 B. Y.

A Cedar 6 ins in diam brs
S 57° 30' W 27 lks dist
marked $\frac{1}{4}$ S 30 B. Y.

Ascend gradually
Level

60.00

80.00

Set cedar post 3 ft long
4 ins sq 24 ins in ground
for cor secs 19, 20, 29 + 30
marked

4.29 N. R. 6 E Sec 20 on N.E.
R 6 E Sec 29 on S.E.
Sec 30 on S.W. and Sec 19
on N.W. faces; with 2 notches
on S + W on E edges, from
which

A cedar 8 ins in diam
brs N. 66° E 26 lks dist marked

Subdivision T. 29 N. R. 6 E

chs

T. 29 N. R. 6 E S 20 B. Y.

A cedar 10 ins diam brs S.
S 8°-30' W. 29 lks dist marked

T. 29 N. R. 6 E S 30 B. Y.

A cedar 8 ins diam brs N.
31° W 64 lks dist marked

T. 29 N. R. 6 E S. 19 B. Y.

A cedar 14 ins diam brs
S 24° 30' E 15 lks dist, marked

T. 29 N. R. 6 E, S. 29 B. Y.

Soil 4th rate stony
Formation Volcanic lime
Character Mountainous
81.75 chs heavy timber - Dena Brook
81.75 chs Mountainous

N 89° 5' 2" E on random line
bet secs 20 + 29.

40.00

Set temp 1/4 sec cor.

Subdivision T. 29 N. R. 6 E.
dis

- 80.16 Intersect N. + S line 28 lks
N. of cor to secs 20, 21, 28 + 29
Thence Iron
N. $89^{\circ}57'$ W on true line
bet secs 20 + 29
Dense Cedar + Piñon
Ascend gradually - Rocky
- 30.00 Level - Rocky
- 40.08 Set Piñon post 3ft long
3 ins sq. 24 ins in ground
for $\frac{1}{4}$ sec cor bet secs 20 + 29
marked $\frac{1}{4}$ S 20 on N. face and
S 29 on S face, from which
a Piñon 10 ins dia brk. 55° W.
11 lks dist marked $\frac{1}{4}$ S 20 B.Y.
a Piñon 14 ins diam br
S $31^{\circ}45'$ W 40 lks dist marked
 $\frac{1}{4}$ S 29 B.Y.
- 5-6.00 Descend gradually - Rocky
- 80.16 Cor secs 19, 20, 29 + 30

Subdivision Y. 29 N. R. 6 E
 chs

Soil 4th rate

Formation Volcanic line

Character Mountainous

80.67 chs Heavy timber Dense brush

80.67 chs Mountainous

S 89°-54' W on random
 line bet secs 19 + 30

40.00 Set temp 1/4 sec. cor.

80.10 Intersect W body of 1/4 25-lks

S of cor to secs 19, 24, 25 + 30

Thence I run

N 89°-56' E on true line
 bet secs 19 + 30

Descend rapidly Rocky
 Dense cedar & Piñon

3.00 Cross Wash cr southerly and

Ascend rapidly - Rocky

17.00 Descend rapidly

21.00 Cross Wash cr ^{course} southeasterly

26

BOOK 593

Subdivision T. 29 N. R. 6 E
cls

- and ascend rapidly
- 29.00 Cross brush fence b/w N. and S.
- 30.00 Scattering pines among the
Cedar and Piñon
- Descend gradually
- 40.10 Set cedar post 3 ft long
3 ins sq, 24 ins in ground
for $\frac{1}{4}$ sec cor bet secs 19 and 30
marked $\frac{1}{4}$ S. 19 on N. face
and S. 30 on S face, from which
A Piñon 8 ins diam br S. 5 lks
dist marked $\frac{1}{4}$ S. 30 B. T.
A Piñon 6 ins diam br N.
48° E. 7 lks dist marked
 $\frac{1}{4}$ S. 19 B. T.
- Descend gradually
- 54.00 Cross wash ^{cont} southerly and
Ascend gradually
- 60.00 Level
- 80.10 Intersect cor a/c 19, 20, 29 + 30

Subdivision T. 29 N. R. 6 E
 chs

Soil 4th rate

Formation Volcanic Lime

Character mountainous

80.22 chs Heavy timber Dense brush

80.22 chs mountainous.

Aug 9, 7 A.M. l.m.t. with
 $35^{\circ} 51' N.$ on lat arc and
 $15^{\circ} 55' N$ on decl arc I
 determined the true me-
 ridian with the solar
 at the cor of secs 19, 20, 30
 and 29.

Thence I run

$N 0^{\circ} 03'$ W bet secs 19 and 20

Level

Dense Cedar and Pinon

40.00

Set Cedar post 3 ft long
 3 ins sq 24 ins in ground

Subdivision T. 29 N. R. 6 E
 1/4

for 1/4 sec cor bet secs 19 and 20
 marked 1/4 S. 19 on W face
 and S. 20 on E face, from which
 a cedar 18 ins in diam
 brs N 10° E 10 lks dist marked
 1/4 S. 20 B.Y.

A cedar 20 ins diam brs S.
 30° W 8 lks dist marked
 1/4 S. 19 B.Y.

80. 00 Set cedar post 3 ft long
 4 ins sq, 24 ins in ground
 for cor of secs 17, 18, 19 and 20
 marked

T 29 N. Sec 17 on N.E.

R 6 E sec 20 on S.E.

S 19 on S.W. and S 18
 on N.W. faces with 3 notches
 on S and 5 on E edges.

from which
 A cedar 10 ins diam brs

Subdivision T. 29 N. R. 6 E
chs

N. $5-8^{\circ}$ E, 25-lks dist marked

Y. 29 N. R. 6 E S. 17 T. 9.

A cedar 24 ins diam brs

S $76^{\circ} 30'$ W 24 lks dist, marked

Y. 29 N. R. 6 E. S. 19 T. 9.

A Piñon 10 ins diam brs

N. 60° W. 19 lks dist marked

Y. 29 N. R. 6 E S. 18 T. 9.

A cedar 10 ins dia brs S. 47° E.

25-lks dist, marked

Y. 29 N. R. 6 E S. 20 T. 9.

Soil 3rd Rate

Slightly rolling

Formation Volcanic Lime

Character mountainous

81.11 chs Heavy timber.

Dense brush

81.11 chs Mountainous

Subdivision 9.29 N. R. 6 E.

chs

S. $89^{\circ}57'$ E on random
line bet sec 17 and 20

40.00

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

80.08

Intersect cor of secs 16, 17, 20 + 21
at cor.

Thence I run

N. $89^{\circ}57'$ W on true line
bet sec 17 and 20

40.04

Set a Pinon post 3ft long
3 ins sq 24 ins in ground
for $\frac{1}{4}$ sec cor bet sec 17 and 20
marked $\frac{1}{4}$ S. 17 on N. face
and S. 20 on S. face, from
which

A Pinon 6 ins in diam
brs N. $58^{\circ}15'$ W 24 lks dist
marked $\frac{1}{4}$ S. 17 B. Y.

A Pinon 6 ins diam brs
S $21^{\circ}30'$ E 25 lks dist marked
 $\frac{1}{4}$ S. 20 B. Y.

Subdivision T. 29 N. R. 6 E

- 80.08 chs Cov of secs 17, 18, 19 and 20
Soil 3rd rate. Formation Volcanic^{Si}.
Land mountainous
- 80.57 chs Dense timber Heavy brush.
- 80.57 chs mountainous.
-

- S 89° 56' W on random
line bet secs 18 and 19
- 40.00 Set temp 1/4 sec cov
- 80.12 Intersect W. bdy of T₃₀ 5 lks
N. of cov of secs 13, 18, 19 and 24
Thence I run
N. 89° 54' E on true line
bet secs 18 and 19
Land slightly rolling
Dense cedar and Piñon
- 40.12 Set a Piñon post 3 ft long
3 ins of 24 ins in ground
for 1/4 sec cov bet secs

Subdivision T. 29N. R. 6E
chs

- 18 and 19 marked $\frac{1}{4}$ S. 18
on N. face and S. 19 on
S. face, from which
a cedar 10 ins in diam
br N. $70^{\circ}30'$ E 10 lks dist
marked $\frac{1}{4}$ S. 18 B. Y.
- A Piñon 8 ins in diam
br S $42^{\circ}30'$ E 40 lks dist
marked $\frac{1}{4}$ S. 19 B. Y.
- 68.60 Across brush fence br
N. W. and S. E.
- 69.10 Cross wash on S. E. ^{ly} scattering
Pines along wash
- 80.12 Intersect cor. secs 17, 18, 19
and 20
Land slightly rolling
Soil 4th rate
Formation Volcanic Lime
Character Mountainous
80.62 chs ^{Revs} \wedge Limber Pine brush.

Subdivision 7.29 N. R. 6 E.

chs

8062 chs Mountainous character.

N. 0° 3' W. bet secs 17 and 18

Level slightly rolling

23.00

Dense fireswept cedar
and Piñon standing
and fallenScattering live cedar
and Piñon.

40.00

Set a limestone 18 x 12 x 12 ins
12 ins in ground for
1/4 sec. cor bet secs 17 and 18
marked 1/4 S. on N. face
from whichA cedar 16 ins in diam
brs N. 5° E 129 lks dist marked

1/4 S 17 13.5.

No other trees within
limit.

34

BOOK, 593

Subdivision T. 29 N. R. 6 E.

hrs

Level.

49.00

Enter dense live Cedar and
Piñon.

Descend gradually

73.00

Descend rapidly

80.00

Set a limestone 24 x 14 x 8 ins
18 ins in ground for course7, 8, 17 and 18 marked
with 4 notches on S and 5-
notches on E edges, from whichA Piñon 8 ins diameter
S. $5-2^{\circ} 30' E$ 20 lks dist marked
T. 29 N. R. 6 E. S. 17 B. T.A Piñon 6 ins diameter S $28^{\circ} 30' W$
10 lks dist, marked

T. 29 N. R. 6 E. S. 18 B. T.

A cedar 10 ins in diam
ber N. $3^{\circ} 30' E$. 68 lks dist marked
T. 29 N. R. 6 E. S. 8 B. T.

A Piñon 10 ins diameter N.

Subdivision 4.29 N. R. 6 E
chs

11° 30' N 43 lks dist marked
4.29 N. R. 6 E, S. 7 T. 9.

Soil 4th rate

Formation Volcanic Lime

Character mountainous

82.70 chs Heavy timber dense brush.

82.70 chs Mountainous character

S. 89° 5-7' E on a random
line bet secs 8 and 17

40.00

Set a temp. 1/4 sec. cor.

80.00

Intersect A + S line 12 lks

S. of cor of secs 8, 9, 16 and 17.

Thence I run

N. 89° 5-8' W on a true line
bet secs 8 and 17

Descend rapidly - Rocky.

Dense cedar and Piñon

1.80

Cross wash, ascend.

Subdivision 7. 29 N. R 6 E

ch

abruptly.

8.00

Level.

23.00

Descend rapidly

27.00

Cross rocky wash cr N.
and ascend rapidly

30.00

along rough northerly slopes.

36.00

Descend abruptly

39.30

Cross rocky wash ^{course} cr N.

40.00

Cross a lime ledge for $\frac{1}{4}$ sec
cor bet secs 8 and 17 marked $\frac{1}{4}$ S. on ledge. from which

A Cedar 24 ins diam brs

S 30 W. 33 lks dist marked

 $\frac{1}{4}$ S 17 B.Y.

A Piñon 12 ins diam brs N.

S 5 E. 39 lks dist marked

 $\frac{1}{4}$ S. 8 B.Y.Ascend rapidly along
N. breaks to Coconino Basin.

5-3.00

Cross Rocky wash cr N. and

Subdivision T. 29 N. R. 6 E

chs

- and ascend rapidly.
- 57.00 Top of rocky ridge br N^{ly}
Descend rapidly
- 60.00 Cross rocky wash course
N. and ascend rapidly.
- 63.00 Top of rocky ridge br North-
erly & descend rapidly.
- 69.00 Cross rocky wash cr N^{ly}
and ascend rapidly.
- 74.00 Top of rocky ridge br
Southerly and descend
rapidly.
- 79.00 Cross rocky cañon cr N^{ly}
Ascend rapidly
- 80.00 Cor of secs 7, 8, 17 and 18
Soil 4th rate.
Formation Volcanic line.
Character mountainous.
80.72 chs Heavy timber. Dense brush
80.72 chs Mountainous character.

Subdivision T. 29 N. R. 6 E
chs

- S 89° 54' W on a random line bet secs 7 and 18
- 40.00 Set temp 1/4 sec. cov.
- 80.12 Intersect N. bdy of Tfr 2 lks S. of cov of secs 7, 12, 13 and 18. Thence I run.
- N. 89° 53' E on a true line bet secs 7 and 18, along rocky N. slopes to Coconino Basin.
- Dense Cedar and Piñon
- 40.12 Piñon tree 5 ins dia for 1/4 sec. cov. bet. secs. 7 and 18. marked 1/4 S 7 on N. side and S. 18 on S. side, from which a Piñon 6 ins dia brs S. 20° E. 52 lks dist marked 1/4 S 18 B.S.
- A cedar 1/4 ins dia brs N. 164 lks dist marked 1/4 S. 7 B.S.
- 40.25 Cross rocky cañon course

Subdivision 4.29 N. R. 6 E.

chs

westerly and ascend
abruptly over cliffs.

50.00 Descend abruptly over
cliffs.

62.00 Cross rocky cañon course
N. and ascend abruptly
over cliffs.

70.00 Ascend gradually

80.12 Cor of secs 7, 8, 17 and 18
No soil - rocks
Formation rocks

Character mountainous

82.28 chs Heavy timber
and Dense brush.

82.28 chs Mountainous character

Subdivisions Y. 29 N. R. 6 E

General Description

Little or no grass

The Northern line along the mountainous breaks going down to Upper Cocumino

Basin. very rough.

The elevation at the highest part is about 9000 ft.

Volcanic Line has flooded over the ground and where cool broken into rough and jagged rocks.

The soil is volcanic ash and decayed vegetation
no water

Mineral signs poor

The mean magnetic declination, as determined by solar observations, corrected

Sub-division T. 29 N. R. 6 E.

as per table on page 100
manual of surveying in-
structions, is $N 13^{\circ} 10' E$.

signed
Lewis Wolfley
U.S. Dep. Surveyor

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

March 1st 1901.

The foregoing field notes of the survey of Fractional T₂ 29 x R 6 E

executed by Lewis Wolfley D.S.
under his contract No. 72, dated June 19
_____, 1907, 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