(Book. 29.

No. 2.

SUBDIVISIONS
T. 25 N. R. 8 E.
LAMPORT.

Book C.

(Transcribed
Vol. 10 N. & A.
No. 512

512

BOOK 512

4-671

512

FIELD NOTES

GENERAL LAND OFFICE.

58

Recd Nov. 26. 1902

Indexed Book 511.

BOOK 512

Township 25N R. 8 E

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Subdivisions Tp 25 N. R. 8 E. cont'd

chs

top in wash 100 lks wide brs N. 45° E.

Ascend leaving cedars bearing same

70.00 Top of ascent 90 ft above bottom brs N. 45° E.

80.22 cor secs 28, 29, 32 and 33.

Land 31 chs mountainous, 49 chs rolling, 80 chs covered with lava rock & 50 chs covered with cedars and piñon

Soil 4th rate covered with rock.

Timber cedar & piñon.

Mountainous & cedars & piñon

80.22 chains

N. 0° 2' W. bet secs 28 & 29.
Va. 15° 00' E.

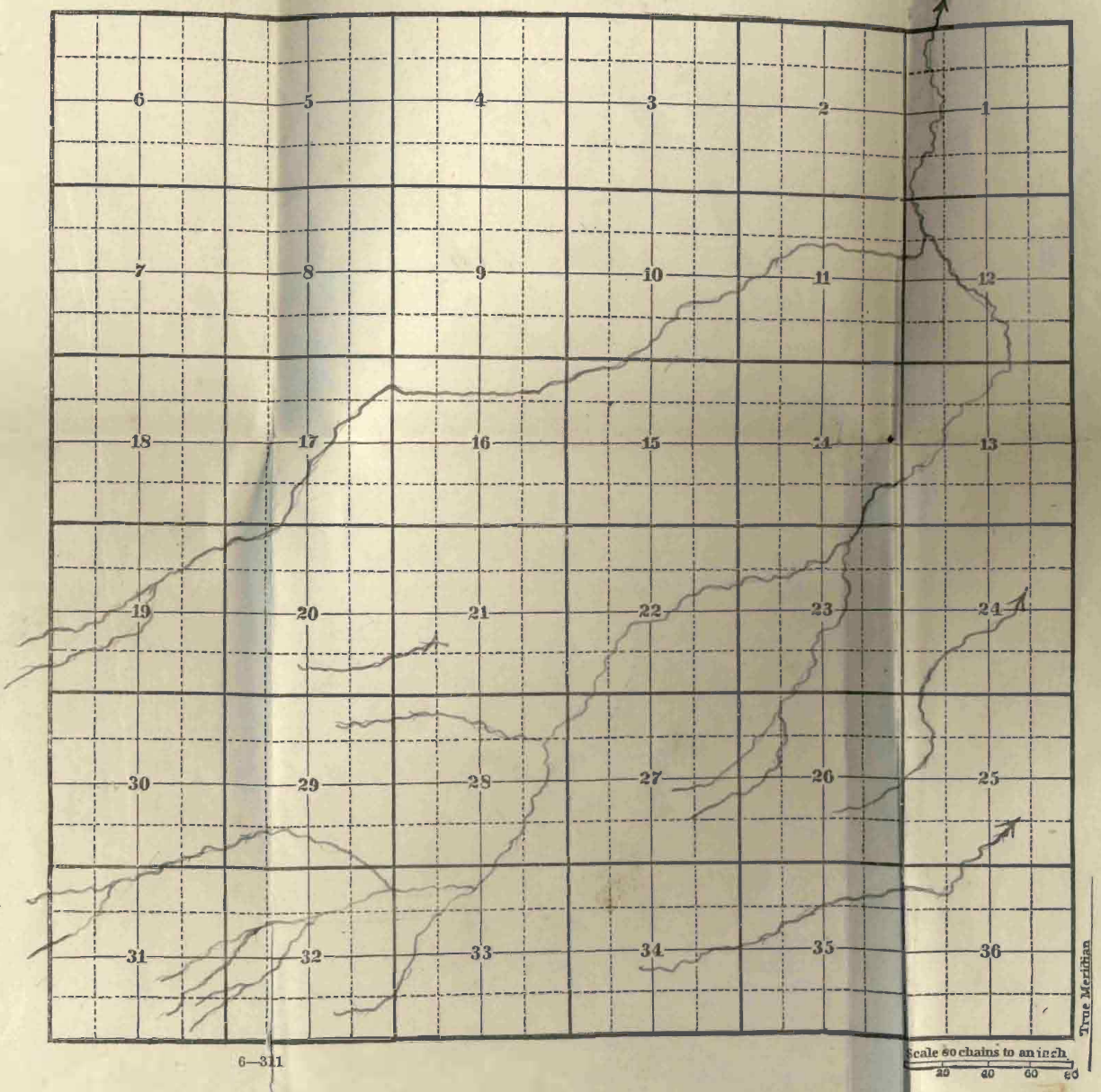
Ascend over rocky rough land

39.00 Top of ascent 50 ft above sec cor on mesa bring N. 45° E.

40.00 Set malapai stone 22 X 10 X 8 ins

Township No. 25 N. Range No. 5 E. Mer.

See Langford's letter May 18/03



....OFFICE OF THE....

Surveyor of Coconino County,

Territory of Arizona.

FLAGSTAFF, ARIZONA, ... 190.....

T. 25 N., R. 8 E.

on North bdy of Twp.

West bet secs	1	and	36	at	65.00 chs.	a wash	100 lks	wide,	course	N 5° E
North bet "	35	"	36	"	70.00 "	"	50 "	"	"	East
North " "	11	"	12	"	53.00 "	"	200 "	"	"	S 70° E
West " "	1	"	12	"	76.50 "	"	150 "	"	"	N 10° W
West " "	22	"	27	"	68.00 "	"	150 "	"	"	N 45° E
West " "	10	"	15	"	50.00 "	"	150 "	"	"	N. E.
North " "	20	"	21	"	18.00 Wash	runs out	25 chs. N. E. in cinder bed.			
North "	16	"	17	"	65.50 Chs.	Wash	75 lks	wide,	course	East
West "	17	"	20	"	56.00 "	"	100 "	"	"	N 50° E

Subdivisions of

chs

17 ins above ground for 1/4 sec cor marked 1/4 on W. face, raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable

5-9.50 Steep descent from mesa E & W.

67.00 Foot of descent 125 ft below top brs E. and W.

70.50 Wash 3 ft deep, 50 lks wide brs E. and W.

80.00 Set malapai stone 26 X 14 X 4 ins 18 ins in ground for cor secs 20, 21, 28 and 29, marked 2 notches on S. & 4 on E. edges. raise mound of stone 2 ft base, 1 1/2 ft high W. of cor Pits impracticable

Land mountainous & covered with large malapai dikes & stones.

Soil 4th rate.

Timber none

Tp 25 N. R. 8 E.

chs

Mountainous and rough.
80.00 chains

N. 89° 55' E on random line bet secs 21 and 28.

40.00 Set temp 1/4 sec cor.

80.18 Intersect N. & S. line 5 lks S. of cor secs 21, 22, 27 and 28, thence S. 89° 45' W on true line bet secs 21 and 28.

10.90 Road to Tuba from Flagstaff brs N. and S.

35.00 3 chs S. is N. E. point of mesa that runs S. & W. from this point.

40.09 Set malapai stone 16X10X8 ins 11 ins in ground for 1/4 sec. cor. marked 1/4 on N. face; raise md of stone 2 ft base 1 1/2 ft high N. of cor. Pits impracticable.

80.18 Cor of secs 20, 21, 28 & 29

Subdivisions of

chs

Land rolling prairie.
Soil 4th rate.
Timber none

N 0° 2' W. bet secs 20 and 21

18.00 Wash ~~8 ft~~ 12 lks. Va. 14° 40' E deep, brs N. 73° E

Ascend:

40.00 Set lava stone 16X12X12 ins
10 ins in ground for 1/4 sec.
cor. marked 1/4 on W. face.
Raise mound of stone
2 ft base 1 1/2 ft high W. of cor.
Pits impracticable.

49.00 Ledge of lava stone
10 ft high on line brs. N. + S.

80.00 Set malapai stone 26X14X4 ins
20 ins in ground for cor
secs 16, 17, 20 and 21
marked 3 notches on S. + 4
on E. edges. raise mound

Tp 25 N. R. 8 E.

chs

of stone 2 ft base 1½ ft high
N. of cor. Pits impracticable.
Land rolling & brush
Oct. 11-1902. At 7h. 00m. a.m. L.M.T. Set
off 35° 33' N. on the lat. arc, 6° 45' S. on
the decl. arc, and determine the meridian
at the cor. of Secs. 16-17-20 & 21.
Thence I run.

40.00 Set temp 1/4 sec. cor.

80.08 Intersect N. and S line 12 chs
N. of cors 15, 16, 21 and 22.
Thence I run
S. 89°3-8' W. on true line bet
secs 16 and 21.

4.20 Road from Flagstaff to
Tanner Tanks brs N. 20° E.

25.33 Road from Flagstaff to
Tuba brs. N 15° W.

30.50 Ascend E. slope of mesa
covered with lava rocks

Subdivisions of

chs

brs N. and S.

40.04 Set lava stone 24X10X8 ins 18 ins in ground for 1/4 sec cor marked 1/4 on N. face; raise mound of stone 2 ft base 1½ ft high N. of cor.

Pits impracticable

41.00 Top of ascent 40 ft above bottom brs N. and S.

Open prairie country.

80.08 Cor secs 16, 17, 20 & 21

Land 10 chs mountainous

70 chs rolling prairie

Soil 4th rate

Timber none.

Mountainous 10 chains

N. 0° 2' W. bet secs 16 & 17

Va. 15° 00' E

40.00 Set a malapai stone 22 X 10 X 6 ins 16 ins in grd

Y for 25 N. R. 8 E.

chs

for 1/4 sec. cor. marked 1/4 on W. face; raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable.

56.00 Descend N. slope of mesa brs. E. and W.

61.00 Steep descent brs E. and W.

64.00 Perpendicular ledge of rock 13 ft high brs E. and W.

65.00 Foot of Descent 75 ft below top brs E. and W.

65.50 Wash 75 lks wide bears East.

80.00 Set a malapai stone 24X10X12 ins 18 ins in ground for cor secs 8, 9, 16 and 17, marked 4 notches on S. & E. edges. raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable. Land into & rolling prairie

Subdivisions of

chs

Soil 4th rate.
Timber none
Mountainous land 9 chains

N. 89°35'8" E, on random line
bet secs 9 and 16.

40.00 Set temp 1/4 sec. cor.
80.24 ~~80.12~~ Intersect N. and S. line
at cor. secs 9, 10, 15 and 16.
Thence I run
S. 89°35'8" W on true line
bet secs 9 and 16.

1.00 Ascend steep slope of
mesa, brs N. 23° W.

3.00 Top of same, 40 ft above
bottom, brs N° 23° W
Descend

15.00 Ascend

40.~~06~~ 12 Set malapai stone 12x10x6 ins
8 ins in ground for 1/4 sec.

Tp 25 N. R. 8 E.

chs

cor marked 1/4 on N. face
Raise mound of stone 2 ft
base 1 1/2 ft high N. of cor.
Pits impracticable.

44.66 Road from Flagstaff to Tuba
bra N. and S.

80.24
~~80.12~~ Cor secs 8-9-16-17
Land broken and rolling
Soil 4th rate
Timber none
Nts and rough 40.12 ~~00~~ chs

N. 0° 2' W. bet secs 8 and 9.
Va. 14° 45' E

40.00 Set malapai stone 24X16X10 ins
18 ins in ground for 1/4 sec. cor.
marked 1/4 on W. face; raise
mound of stone 2 ft base
1 1/2 ft high W. of cor. Pits
impracticable.

80.00 Set a malapai stone 24X14X10 ins

Subdivisions of

clrs

18 ins in ground for cor
secs 4, 5, 8 and 9. marked
5 notches on S. and 4 on E. edges,
raise mound of stone 2 ft base
1½ ft high W of cor. Pits im-
practicable.
Land rolling prairie.
Soil 4th rate.
Timber none

N. 89° 58' E. on random line
bet secs 4 and 9
40.00 Set temp ¼ sec. cor.
~~80.14~~ 80.20 Intersect N. and S. line
4 chs N. of cor secs 3, 4, 9 & 10
Thence Run
West on true line
bet secs 4 and 9.
~~40.07~~ 40.10 Set lava stone 16X12X8 ins
12 ins in ground bor ¼

Tp 25 N. R 8 E.

chs

sec. cor. marked 1/4 on N. face.
raise mound of stone 2 ft
base 1½ ft high N. of cor.
Pits impracticable.

79.5-3 Road to Tuba from Flagstaff.
brs. N, 20° W.

80.20
~~80.14~~ Cor. secs. 4, 5, 8 and 9.
Land rolling prairie.
Soil 4th rate.
Timber none.

N. 0° 2' W. on random line
bet secs 4 and 5.

40.00 Set temp 1/4 sec cor.

79.96
~~80.02~~ Intersect N. bdy of Tp 4 chs W.
of cor secs 4, 5, 32 and 33.
Thence I run.
South on true line bet
secs 4 and 5.

39.96
~~40.02~~ Set lava stone 18X10X8 ins

Subdivisions of

cbo

12 ins in ground for 1/4 sec
cor marked 1/4 on W. face,
raise mound of stone 2 ft
base 1 1/2 ft high W. of cor.
Pits impracticable.
79.96
~~80.02~~ Cor secs 4, 5, 8 and 9.
Land rolling prairie
Soil 4th rate
Timber none
Oct. 11th

Oct 12th: At 7h 5m A.M. l.m.t.
I set off 35° 30' on lat arc,
7° 07' S on the decl arc and
determine a true meridian
with the solar at the cor
secs ~~5, 6~~, 31 and 32 on
S. Bdy of Tp. which is
a malpais stone marked S.C. on
W. with 5 grooves on E & 1 on W. faces
Thence I run

T 1 N R 25 N. R. 8 E.

chs	
	N. 0° 3' W. bet, secs 31 and 32
	Ascend. Va. 14° 45' E.
14.00	Top of Ascent 60 ft above sec. cor. on slope 10 chs E. of apex of hill brs N. and S.
	Descend
18.50	Wash 10 ft deep, 20 lks wide course N. 45° E.
22.00	Enter cedar and piñon.
23.75	Wash 10 ft deep, 25 lks wide course N. 45° E.
28.00	Descend N. E. slope of hill.
39.00	Foot of descent 50 feet below top brs N. 45° E.
	Level valley.
40.00	Set malapai stone 18 X 10 X 6 ins 12 ins in ground for 1/4 sec cor. marked 1/4 on W. face, from which
	A cedar 4 ins diam brs N 12° 15' E 174 lks dist marked 1/4 S 32. B. T.

Subdivisions of

chs

A cedar 5 ins diam brs N. 75° 26' W
62 lks dist marked 1/4 S. 31 B. T.

80.00 Set malapai stone 20 X 8 X 6 ins
12 ins in ground for cor secs
29, 30, 31 and 32, marked 1 notch
on S. and 5 on E. edges.

A cedar 4 ins diam brs N. 20° E.
428 lks dist marked
T. 25 N. R. 8 E. S. 29 B. T.

A cedar 5 ins diam brs S 70° E.
221 lks dist marked
T. 25 N. R. 8 E. S. 32 B. T.

A cedar 6 ins diam brs
S. 25° W. 246 lks dist, marked
T. 25 N. R. 8 E. S. 31 B. T.

A cedar 4 ins diam brs
N. 24° W 431 lks dist, marked
T. 25 N. R. 8 E. S. 30 B. T.

Land 40 chs mts, 40 chs rolling
5.8 chs covered with cedars

Tp 25 N. R. 8 E.

chs

Soil 4th rate
Timber cedar and piñon
Mountainous & cedars
80.00 chs

East on random line
bet secs 29 and 32
40.00 Set temp 1/4 sec. cor.
80.10 Intersect N. and S. line 15 lks
N. of cor secs 28, 29, 32 and 33
Thence I run
N. 89° 54' W on true line
bet secs 29 and 32
through thick cedar growth.
13.00 Wash 60 lks wide, 5 ft deep,
course S. 60° E. Wash 50 ft
below sec. cor. Ascend.
20.50 Top of ascent 30 ft above
bottom bre N and S.
Descend.

Subdivisions of

chs	
25.20	Foot of descent 20 ft below top brs N. and S.
	Rolling land
29.30	Cedar 8 ins diam on line
33.00	Descend S.W. slope of mesa
35.00	Foot of descent 20 ft below top in wash 60 lks wide course S.E
	Ascend to 1/4 sec. cor.
40.05	Set malapai stone 22 X 8 X 7 ins 16 ins in ground for 1/4 sec. cor. marked 1/4 on N. face. whence
	a cedar 18 ins diam brs N. 66° 30' W 100 lks dist marked. 1/4 S. 29 B.T
	a cedar 9 ins diam brs. S 25° 35' W 239 lks dist marked 1/4 S. 32 B.T.
80.10	cor secs 29, 30, 31 and 32
	Land mts and rolling
	Soil 4th rate.
	Timber cedar & piñon
	Mountainous land

Tp 25-N. R. 8 E.

chs

and dense cedars
80.10 chains

West on random line
bet secs 30 and 31
40.00 Set temp 1/4 sec. cor.
80.50 Intersect W. bdy. of T. 13 chs
S 0°20' E of cor to secs 25 and 36
T. 25 N. R 7 E. as described by
the Surveyor General.
Set a malapai stone 26X10X10 ins
20 ins in ground for closing
to secs 30 and 31 marked with
1 groove on S and 5 grooves on N. edges
C.C. on E. face, from which
a piñon 8 ins diam bears N. 37 E.
325 lks dist marked
T. 25 N. R. 8 E. S. 30 B. T.
A cedar 8 ins diam bears S 15° 25' E
493 lks dist marked
T. 25 N. R. 8 E. S. 31 B. T.

Subdivisions of

chs	
	East on true line bet secs 30 and 31. Descend.
9.00	Foot of descent 30 ft below cor brs N. 45° E.
38.00	Road from Flagstaff to Suba brs N. 60° E.
40.30	Set malapai stone 26 X 10 X 10 ins 20 ins in ground for 1/4 sec. cor. marked 1/4 on N. face. whence A piñon 5 ins diam brs S. 34 E. 15.5 lks dist. marked 1/4 S 31. B. T. A cedar 5 ins diam brs N. 62° W. 260 lks dist, marked 1/4 S. 30 B. T.
44.00	Enter wash 2 ft deep, 30 lks wide course E. and W. also enter cedars at same point N. 45° E.
44.10	Road from Flagstaff to Suba brs N. 45 E.
5-3.60	Cedar 9 ins diam on line marked 2 notches on E & W. edges
5-3.75	Leave wash course N. 45° E.

Tp 25 N. R. 8 E.

chs
60.00 Descend 30 ft to sec. cor.
80.50 Cor secs 29, 30, 31 and 32.
Land rolling & mts.
Soil 4th rate
Timber cedar & piñon
Mountainous 80.50 chains
Oct 12th

Note! The course of the E. bdy of sec. 36. T. 25 N. R. 7 E. is S 0°20' E. Dist. 93.11 chains

Oct. 13. 1902. at 7h. A.M. l.mt. I set off 35° 31' N on the lat arc; 7°29' S. on decl. arc, and determine the meridian at the cor. of Secs. 29-30-31 & 32 -
Thence I run.

N. 0°3' W bet secs 29 and 30 through cedars and broken land.
11.25 Wash ~~10 ft~~ 15 lks wide, 4 ft deep

Subdivisions of

chs	
	brs N. 65° E.
	Leave cedars & ascend
16.00	Malapai ledge 8 ft high brs N. 45° E.
19.00	Top of ascent on mesa covered with large malapai dikes brs E. and W. Descend.
40.00	Set malapai stone 16 X 12 X 12 ins with mound of stone, 12 ins in ground for 1/4 sec cor. marked 1/4 on W. face; raise mound md of stone 2 ft base, 1½ ft high W. of cor. Pits impracticable.
41.00	Foot of descent 50 ft below top brs E. and W. Ascend.
68.00	Top of ascent 60 ft above bottom brs N. 45° E.
73.00	Foot of descent 40 ft below top brs N. 30° E.
	Thence over open rolling

Tp 25 N. R. 8 E.

chs

prairie country.

75.00 Old road from Flagstaff to Tuba brs N. 35° E.

80.00 Set malapai stone 24x16x12 ins 18 ins in ground for cor to secs. 19, 20, 29 and 30; Marked with 2 notches on S. and 5 notches on E edges raise mound of stone 2 ft base 1½ ft high W. of cor. Pits impracticable. Land mountainous and rolling prairie. Soil 4th rate. Cedars timber. Mountainous & cedars

73.00 chains

S. 89°54' E on random line bet secs 20 and 29

40.00 Set temp ¼ sec cor.

80.10 Intersect N. and S. line

Subdivisions of

chs	
	5 lks N. of cor. secs. 20, 21, 28 & 29
	Thence I run
	N. 89° 32' W. on true line
	bet secs 20 and 29.
9.00	Ascend N. E. slope of mesa
	75 ft high.
15.00	Top of slope, 50 ft above
	bottom brs. E. and W.
	Descend.
32.00	Foot of descent 30 ft below
	top brs N 45° E. Ascend.
40.05	Set malapai stone 26x10x10 ins
	20 ins in ground for 1/4 sec
	cor. marked 1/4 on N. face;
	raise mound of stone
	2 ft base 1 1/2 ft high N.
	of cor. Pits impracticable.
5-0.00	Top of ascent on N. slope of
	mesa, line runs along about
	4 chs to N. 25 ft below top and

Tp 25 N. R. 8 E.

chs

50 ft above bottom.

73.00 Leave mesa on N.W. slope thence into open prairie country.

79.75 Road to Lockett tanks from Flagstaff bre N. 5° W.

80.10 Cor secs. 19, 20, 29 and 30.

Land nito and rolling. Soil 4th rate covered with large lava boulders. Timber none.

Mountainous land 73.00 chs

W. on random line bet secs 19 and 30.

40.00 Set temp 1/4 sec. cor.

80.80 Intersect W. bdy of T. 12 chs. S 20' E of cor to secs 24 + 25. as described by Surveyor Genl. Set a lava stone 22x12x12 ins

Subdivisions of

chs

18 ins in ground for C.C.
to secs 19 and 30, marked
with 2 grooves on southern 4 grooves on North edges
C.C. on E face; raise md
of stone 2 ft base 1½ ft high
E. of cor. Pits impracticable.
Thence I run.
East on true line bet secs
19 and 30.
Descend
40.80 Set malapai stone 16x16x12 ins
12 ins in ground for 1/4 sec.
cor. marked 1/4 on N. face
raise mound of stone
2 ft base 1½ ft high N. of cor.
Pits impracticable.
80.80 Cor secs 19, 20, 29 & 30.
300 ft below cor of Range
line.
Land rolling & stony.
Soil 4th rate

Tp 25 N. R. 8 E.

clos

Timber none.
Mountainous land
80.80 chains

(Note: I find distance of E. bdy. of sec 25: T 25 N. R. 7 E. to be 79.06 chains and the course is S. 0° 20' E)

✓ Oct. 13: At this cor. I set off 7° 38' S. on the decl. arc, and at 12 h 5 m. p.m. l.m.t. observe the Sun on the meridian; the resulting lat. is 35° 32' N, which is the true lat. nearly.

N. 0° 3' W. bet secs 19 and 20.

1.00 Road from Flagstaff (Va 14° 45' E) to Lockettes tanks bre N. 15° W

44.00 Set lava stone 18 X 10 X 8 ins 12 ins in ground for 1/4 sec. cor. marked 1/4 on W. face raise mound of stone

Subdivisions of

chs

2 ft base 1½ ft high W. of cor.

70.00 Wash 30 lks wide 20 ft deep brs N. 60° E.

80.00 Set lava stone 18x8x4 ins 12 ins in ground for cor to secs 17, 18, 19 and 20 marked 3 notches on S. and 5 on E. edges; raise mound of stone 2 ft base 1½ ft high W. of cor. Pits impracticable.

BOOK 512

41A Oct. 16 1902. at 7h. 00 m. a.m. L.m.t. I set off 35° 33' N. on the lat. arc, 8° 36' S., on the decl. arc, and determine the meridian with the solar at the cor of Secs. 17-18-19 & 20. Thence I run.

[illegible] secs 17 and 20

40.00 Set temp 1/4 sec cor.

~~80.13~~ 80.08 Intersect N. and S. line ~~at~~ 42 lks S. of cor secs 16, 17, 20 and 21

Sp 25 N. R. 8 E.

chs

Thence I run
S. 89°30' W
~~N. 89-20 W~~ on true line bet
secs 17 and 20.
Ascend.

40.04
40.07½ Set malapai stone 16x10x4 ins
12 ins in ground for 1/4 sec.
cor. marked 1/4 on N. face.
raise mound of stone
2 ft base 1½ ft high N. of cor.
Pits impracticable.

56.00 Wash 100 lks N. bears N 50° E
5-8, 5-5 Old road from Flagstaff
to Suba brs N. 20° E.

73.00 Top of ledge of black
lava, 20 ft high, brs. N. + S.
Descend

80.08
~~80.15~~ Cor secs 17, 18, 19 and 20
Land rolling prairie.
Soil 4th rate - Cinders.
Timber none

Subdivisions of

chs

West on random line
bet secs 18 and 19

40.00 Set temp 1/4 sec. cor.

81.00 Intersect W. bdy of Sp
12 chs. S. 0° 15' E of cor secs
13 and 24, as described
by the Surveyor General.
Set lava stone 15 X 10 X 6 ins
9 ins in ground for C.C.
to secs 18 and 19; raise
mound of stone 2 ft base
1 1/2 ft high E. of cor. Pits
impracticable. Thence Run
East on true line bet
secs 18 and 19. Descend.
east slope of mountain.

Marked with 3 grooves on North and West edges
C.C. on E face.

41.00 Set lava stone 26 X 10 X 8 ins
20 ins in ground for
1/4 sec. cor. marked 1/4 on
N. face; raise mound

Tp. 25 N. R. 8 E.

chs

of stone 2 ft base 1½ ft high
N. of cor. Pits impracticable,
66.40 Road to Lockett tanks brs
N. and S.
72.00 Steep descent of ridge
brs N. 45° E.
81.00 Cor. secs. 17, 18, 19 and 20.
Land mountainous
Soil 4th rate, cinders.
Timber none.
Mountainous land
81.00 chains.

Note: Course of E. bdy of sec 24, T. 25 N. R. 7 E. is S. 0° 15' E. and the distance is 80.14 chains

Subdivisions of

chs	
	N. 0° 3' W bet secs 17 and 18
3.00	Ascend over rocky slope bearing N. 50° E.
8.00	Top of same brs N. 45° E. Thence over rolling prairie country.
40.00	Set malapai stone 16X12X6 ins 12 ins in ground for 1/4 sec cor. marked 1/4 on W. face; raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable
80.00	Set malapai stone 24X 12X8 ins, 18 ins in the ground for cor secs 7, 8, 17 and 18, marked 4 notches on S. and 5 on E. edges; raise mound of stone 2 ft base 1 1/2 ft high W of cor. Pits impracticable

Tp 25-N. R 8 E.

chs

Land rolling prairie
Soil 4th rate.
Timber none.
Mountainous land 5 chs

N. 89°30' E
~~S. 89. 52 E~~ on random line
bet secs 8 and 17.

40.00 Set temp 1/4 sec. cor.

79.90
~~80.08~~ Intersect N. and S. line
26 lks N
~~17 lks~~ S. of cor. secs 8, 9, 16 & 17.
Thence I run
N. 89° 59' W. on true line
bet secs 8 and 17.
Ascend.

39.90
~~40.04~~ Set lava stone 18 X 10 X 6 ins
12 ins in ground for
1/4 sec cor. marked 1/4 on
N. face. raise mound
of stone 2 ft base 1 1/2 ft

Subdivisions of

chs

high N. of cor. Pito
impracticable.

46.50 Wagon road from Flag-
staff to Suba bra N. & S.,

79.90
~~80.08~~ Cor secs 7, 8, 17 and 18,

BOOK 512

90A

Oct. 19th 1902. At 7h. a.m. l.m.t. I set off 35° 34' 00" N. on the lat. arc; 9° 41' S. on the decl. arc & determine the meridian at the cor. of Secs. 7-8-17 & 18.

Thence I run.

bet

40.00 Set temp 1/4 sec cor.

81.20 Intersect N. bdy of Tp
11.30 chs S. of cor secs 12 & 13.
established in 1894.
Set lava stone 24x16x10 ins
18 ins in ground for C.C.
secs 7 and 18, marked
with 2 grooves on North and 14 grooves on South faces
C.C. on E. face, raise
mound of stone 2 ft base

Tp 25 N. R 8 E.

chs

1½ ft high E. of cor. Pits impracticable. Thence East on true line bet secs 7 and 18.

38.36 Descend foot hills of mountain brs N. 50° E.

41.20 Set lava stone 20X10X8 ins 14 ins in ground for 1/4 sec. cor. marked 1/4 on N. face; raise mound of stone 2 ft base 1½ ft high N. of cor. Pits impracticable.

45.86 Old road from Flagstaff brs N and S.

81.20 Cor secs 7, 8, 17 and 18.

Land rolling prairie.
Soil 4th rate.
Timber none

Subdivisions of

chs

Note: The distance of E. bdy. of sec 13 T. 25 N. R. 7 E. is 79.37 chains; course South.

N 0° 3' W. bet secs 7 and 8.

40.00 Set lava stone 16X10X8 ins 12 ins in ground for 1/4 sec. cor. marked 1/4 on W. face; raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable.

80.00 Set malapai stone 18X14X10 ins, 12 ins in ground for cor secs 5, 6, 7 and 8, marked 5 notches on S. and 3 on E. edges; raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticable

Land Rolling prairie

Tp. 25 N. R. 8 E.

chs

Soil 4th rate
Timber none.

S. 89° 59' E on random line bet secs 5 and 8

40.00 Set temp 1/4 sec. cor.

79.82
~~79.90~~ Intersect N. and S. line 3 ks S of cor secs 4, 5, 8 and 9.

Thence I run West on true line bet secs. 5 and 8.

39.91
~~39.95~~ Set malapai stone 18x14x10 ins 12 ins in ground for 1/4 sec. cor. marked 1/4 on N. face; raise mound of stone 2 ft base 1½ ft high N. of cor. Pits impracticable.

42.20 Old road from Flagstaff to Tuba brs N. and S.

79.82
~~79.90~~ Cor secs 5, 6, 7 and 8.

Subdivisions of

clos

Land rolling prairie

94A

Oct. 20-1902. At 7h. a.m. l.m.t. I set off 35°34' N. on the lat. arc, 10° 3' S. on the decl. arc, and determine the meridian at the cor. of secs. 5-6-7 & 8. Thence I run.

BOOK 512

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. bdy of Tp at cor to secs 5, 6, 31 and 32. Thence I run S. 0° 3' E. on true line bet secs 5 and 6. Dec. 15° 00' E

40.00 Set malapai stone 14x10x8 ins 10 ins in ground for 1/4 sec. cor. marked 1/4 on W. face, raise mound of stone 2 ft base 1 1/2 ft high W. of cor. Pits impracticabl.

80.00 Cor secs 5, 6, 7 and 8. Land rolling prairie.

Tp 25 N. R. 8 E.

chs

Soil 4th rate.
Timber none.

W. on random line bet-
secs 6 and 7.
40.00 Set temp 1/4 sec. cor.
81.20 Intersect W bdy of Tp 11.50 chs
S of cor established in 1894.
Set malapai stone 24X12X10 ins
18 ins in ground for C.C. secs
6 and 7. marked C.C. on
E. face 5 grooves on South and 1 groove on North edges
raise mound of
stone 2 ft base 1 1/2 ft high
E. of cor. Pits impracticable.
Thence I run,
East on true line bet
secs 6 and 7.
Descend
41.20 Set malapai stone 20X12X
8 ins 12 ins in ground for

Subdivisions of

clos

1/4 sec. cor. marked 1/4 on N. face; raise mound of stone 2 ft base 1½ ft high N. of cor. Pits impracticable.

5-8.12 Road from Flagstaff bse N. 25° W.

81.20 Cor. secs. 5, 6, 7 and 8. Land rolling prairie. Soil 4th rate. Timber none

Oct 20 1902

Note:

I change the markings of the corners on the range line bet Rs. 7 & 8 E Tp 25 N. to refer to sections of T. 25 N. R 7 E. only.

Sfr 25 N. R 8 E.

General Description.
T. 25 N. R 8 E slopes to the Northeast. The South and East portions are mountainous and covered with Cedar and Piñon timber; the soil is volcanic formation, cinders and lava. There is some open prairie in the N. W. portion. The whole Tsp. is fairly grazing ground. There is no water nor settlers living on Tsp. The main wagon road from Flagstaff to Tuba city runs through near center of the Township North and South.

James A Lamport.
U.S. Deputy Surveyor.

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Chs. Retracement W. bdy. T. 25 N. R. 8 E.

In compliance with request contained in Sur. Gen.'s letter dated Feby 4-1904, requiring that record of retracement of W. bdys. of Secs. 31-30-19 & 18, Tp. 25 N., R. 8 E. be added to my subdivisional notes of survey thereof, I submit the following; to wit:

Sept. 25-1902. Prior to commencing the subdivisions of Tp. 25 N., R. 8 E., I concluded to retrace a portion of the West bdy. thereof, which was surveyed by Compassman Charles E. Perkins, under Contract No. 31- dated June 21-1893, in order to learn of the existence and locus of the corners on said bdy. upon which I have to close my subdivisional lines.

Retracement W. bdy. Tp. 25 N. R. 8 E.

che

I commence at the cor of Tp. 25 N, Rs. 7 & 8 E, which is as described in field notes furnished by the Sur. Gen.l, and at 7 h. am. l. m. t. set off 0°34' S. on decl. arc; 35°30' N. on lat. arc, and determined a true meridian with the solar.

Mean Mag. decl. 14°30' E.

Thence I run

North bet. Secs. 31 and 36, on a random line:

Open rolling prairie & mts. land.

53.11 1/4 Sec. cor., which is a cedar post, properly marked as described by Surveyor General, bears 31 lks W.

93.11. The cor. to secs. 25-30-31 & 36, which is a cinder stone, properly marked & witnessed as described by Sur. Gen.l bears, 55 lks. W.

Chs. Retracmt W. bdy. T. 25 N. R. 8 E

Land, rolling & Mts.
Soil, Stony, 3rd rate.
No timber. Cedar & pinon brush.
True course of this line is
S. 0° 20' E., 93.11 chs.

North on random line bet.
Secs. 25 & 30, from old sec. cor.
Over broken land.

15.00 Top ascent.

40.00 Old 1/4 Sec. cor. which is a cedar post, marked as described by the Surveyor General bears 23 lks. West.

79.06 The cor. of Secs. 19-24-25 & 30, which is a stone, with pits, as discribed by Surveyor General, bears 46 lks. W.

Land broken,
Soil, gravelly & rocky. No timber.
True course this line is S. 0° 20' E. 79.06 chs.

Chs. Retracement W. bdy. T. 25 N. R. 8 E.,

North on random line bet. Secs. 19 & 24, from old Sec. cor.

40.07 1/4 Sec. cor., which is a cinder stone, marked & notched as described by Surveyor General, bears 18 lks. W.

80.14 Old Sec. cor., which is a malpai stone, with pits, as described by Sur. Genl brs. 35 lks. W.

True course of this line is S. 0° 15' E., 80.14 chs.

Land, broken, gravelly, 2d rate - No timber.

North on random line bet. secs. 13 & 18, from old Sec. cor.

21.00 Wash, 45 ft. deep, course Easterly.

39.37 Old 1/4 Sec. cor, which is a stone, & md. of stone, marked as described by Sur. Genl

Chs. Retracmt. W. bdy. T. 25 N. R. 8 E.

79.37 Old cor. to secs. 7-12-13 & 18, which is a stone, md & pits, as described by Surv. Genl's.

True course of this line is South, 79.37 chs.

Land, broken & rolling

Soil, 2d rate -

No timber.

Sept. 25-1902.

James A Lamport
U. S. Deputy Surveyor.

APPROVAL.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

December 9, 1903

The foregoing field notes of the survey of the subdivision lines of Tp. 25 N. R 8 E + Retracement of the West Bdy of the Gila and Salt River Base and Meridian, in the Territory of Arizona. Executed by James A Lampat United States Deputy Surveyor, under his contract No. 98, dated June 30 1902, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A Ingalls

U. S. Surveyor-General.