

N^o *

SUBDIVISIONS

Township N^o 19 S - Range N^o 28 E

BOOK 954

No. 954

4-671

FIELD NOTES
GENERAL LAND OFFICE.

954

No. 954

Field Notes
of the survey of the
Subdivisions
of
Twp 19. S. Range 28 E.
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
Francis B. Jacobs
U. S. Deputy Surveyor

Under his Contract No. 81.
Dated May 27th 1901

Survey commenced February 20th 1902
Survey completed March 7th 1902

Subdivisions of
Names and Duties
of Assistants

Harry R. Elmer chairman

Robert S. Boulden chairman

James S. Henderson member

Roger Herrens member

Jay Jacobs member

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BOOK 971

2A

(4-874.)

Township 19 S. R. 28 E.

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See Tps 1 S.R. 13 E. & T. 20 S.R. 7 E
for aaths.

Tps 19-S, R. 28 E.

Survey commenced February 15th 1902 and executed with a Gurley light mountain transit with 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 Vernier of the lat. and decl. arcs.

The instrument was examined tested on the true Meridian at Tucson found correct, and was approved by the Surveyor General for Arizona November 12th 1901. —

To test the Solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m.

Subdivisions of

hours with a true Meridian determined by observations on Polaris I proceed as follows. -

At my camp 12 chs. N. of the cor. of Secs 26-27. 34 and 35 this Sp. Lat. $31^{\circ}44'05''$ N. Long. $109^{\circ}28'13''$ W. I set off $31^{\circ}44'$ on the lat. arc; $12^{\circ}45'$ S on the decl. arc. and at $7^{\text{h}}50^{\text{m}}$ a.m. l.m.t. determine with the Solar true Meridian and mark a point thus on a stone line set in the ground 5 chs. N. of my station.

at $9^{\text{h}}38^{\text{m}}58^{\text{s}}$ P.m. l.m.t. I observe Polaris at western elongation in accordance with the manual of instructions, and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of my station

February 15th 1902

February 16th at $7^{\text{h}}30^{\text{m}}$ a.m. l.m.t.

19 S. R 28 E.

I lay off the Azimuth of Polaris $1^{\circ}26'$
 to the East and mark the true
 Meridian thus determined by cutting
 a small groove in the stone Oct. 13th
 on which the true meridian falls 0.2 in.
 east of the mark determined by the Solar.
 at $4^{\text{h}}5^{\text{m}}$ a.m. (l.m.t.) I set off $31^{\circ}44'$
 on the lat. arc. $12^{\circ}28' S.$ on the
 decl. arc. and mark a point in the true
 meridian determined by the Solar by a + on
 the stone already set 5 chs. N of my station
 this mark falls 0.2 in. west of the true
 meridian established by the Polaris observation.
 The Solar apparatus by a.m. and p.m. observations
 defines a position for true Meridian. about
 $10'10''$ west of the true meridian established by
 the Polaris observation. therefore the adjust-
 ments of the instrument are satisfactory.
 The magnetic bearing of the true
 meridian at 8 a.m. Sep. 21st $12^{\circ}28' W$
 the angle thus determined reduced by the
 table page 100 gives the mean
 mag. decl. $12^{\circ}27' E$

- Subdivisions of
 chs From the cor secs
 1, 2, 35 + 36 on S. Bdy
 of Tpr, Iron
 N. 0° 1' W. bet secs 35 + 36
- 10.50 Gulch, course W.
 Ascend
- 31.00 Top of ascent on W. slope
 of ridge brs E. Descend
- 36.00 Bottom of descent
- 40.00 Set malpais 18x10x6 ins, 12 ins
 in ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on W. face
 Dig pits 18x18x12 ins N + S.
 of stone 3 ft dist, raise
 mound of earth 3 $\frac{1}{2}$ ft
 base 1 $\frac{1}{2}$ ft high W. of cor
- 47.00 Ascend,
- 53.00 Ridge slopes W. brs E
 Descend steep hill
- 62.00 Enter White River valley

T. 19 S. R. 28 E

chs

70.47 O'Keefe's wire fence brs E + W
 71.00 Enter timber
 77.80 White River (Dry) 1 ch. wide
 course W

80.00 Set Granite 18x12x6 ins, 12 ins
 in ground for cor sec
 25, 26, 35 and 36, marked
 with 1 notch on S. and E. edges

A Walnut 9 ins diam brs
 N. 89° 45' E, 15-2 lks dist marked
 T. 19 S. R. 28 E. S. 25-B. T.

A Sycamore 18 ins diam brs
 S 31° 30' E 25-7 lks dist, marked
 T. 19 S. R. 28 E. S. 36 B. T.

A Sycamore 14 ins diam brs
 S. 25° W, 198 lks dist, marked
 T. 19 S. R. 28 E. S. 33-B. T.

A Sycamore 14 ins diam brs
 N. 37° 15' W 222 lks dist, marked
 T. 19 S. R. 28 E. S. 26 B. T.

Soil 1st and 2^d rate

cls

Subdivisions

Timber oak, sycamore,
walnut and Juniper.

Mountainous land
and heavily timbered
80.00 chains

S. $89^{\circ}39'E$ on random
line bet secs 25 + 36

40.00 Set temp $1/4$ sec. cor.

80.00 Intersect E. Body of the
46 lks N. of cor. ^{1/4 sec 30, 36} Thence run
N. $89^{\circ}19'W$ on true line bet
secs 25 and 36

4.00 Ascend steep rocky hill.

22.00 Ascend

23.00 Ridge brs N.E. + S.W.

35.00 Descend into valley

40.00 Set granite $24 \times 10 \times 5$ ins, 18 ins
in ground for $1/4$ sec cor.
marked $1/4$ on N. face
Dig pits $18 \times 18 \times 12$ ins E ∇

Twp 19 S, R 28 E

chs

W. of stone 3 ft dist, and
raise mound of earth
3 1/2 ft base 1 1/2 ft high N.
of cor.

- 54.20 Chief's wire fence br N. 60° E. +
60.00 Enter timber br E. N. E + W. 2 W.
62.00 A prong of White River 1 ch
wide, course S. 60° W.
72.00 White River 1 ch wide (Dry)
course S. 70° W.
80.00 Cor secs 25, 26, 35 + 36.
Soil 1st + 2^d rate
Timber oak, sycamore
Halmut + Juniper.
Mountainous and tim-
bered land 5-5-00 chs
February 20th 1902
- N. 0° 1' W. bet. secs 25 + 26
Through heavy timber
18.00 Leave timber br E + W.

chc Subdivisions

- 23.60 O'Keefe's house brs N. 10 chc
Road brs N. 70° E
Leave valley, ascend
steep rocky hill
- 30.00 Top of bank brs E. and N.
- 40.00 Sit Malpais 24x10x8 ins, 18 ins
in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
Dig pits 18x18x12 ins N. & S.
of stone 3 ft dist, raise
mound of earth $3\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft high N. of cor.
Ascend
- 67.00 Ridge closes S. N. brs N. E.
Descend
- 73.40 Gulch 5 alk. wide course S. N.
- 74.00 Ascend
- 75.00 Top of bank
- 80.00 Sit stone 20x12x5 ins, 14 ins
in ground for cor

Tfr 19 S. R 28 E

class

secs 23, 24, 25- and 26.
 marked with 2 notches
 on S. and 1 on E. edges
 dig pits 18X18X12 ins in
 each sec $5\frac{1}{2}$ ft dist, and
 raise mound of earth
 4 ft base 2 ft high at cor.
 Soil 1st + 2^d rate
 Timber Oak + Juniper
 Mountainous and timber
 80.00 chains

S. $89^{\circ}19'E$ on random line
 bet secs 24 and 25-

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

80.08 Intersect E. Bdy of Tfr. 7 lks
 S. of cor. secs 19, 24, 25- + 30
 Thence I run

N. $89^{\circ}22'W$ on true line
 bet secs 24 and 25-

Subdivisions

cls

- Leave timber bet N.E. + S.W.
- 20.08 Bottom of hill
- 35.08 Ascend
- 40.04 Set volcanic stone 18X10X6 ins
12 ins in ground for $\frac{1}{4}$ cor bet
secs 24 + 25 - marked $\frac{1}{4}$ on
N. face. Raise mound of
stone 2 ft base $1\frac{1}{2}$ ft high
N. of cor. Pits impracticable
- 50.08 Top of ridge bet N.E. + S.W.
Descend
- 74.28 Gulch 50 lks wide, course S.W.
- 75.08 Ascend
- 80.08 Cor secs 23, 24, 25 + 26
Land 2 ℓ + 3 ℓ rate
Timber Oak + Juniper
on East.
Mountainous + timber
80.08 Charms
-

chs Twp 19 S. R 28 E

N. 0° 1' W. bet secs 23 and 24
Overmountainous land

8.45 Wire fence enclosing
O'Keefe's reservoir bet
N.E. and S.W.

Embankment 13-ft high
150 ft long.

Across gulch bears N-1 ch.

8.65 Edge of water - offset
1 ch. W. to get around
water - Pond 2 chs wide
5 chs long; run 4 chs N.
then offset back to line.

12.65 Wire fence bet N.E. + S.W.

26.20 Gulch 8 ft wide, course S.W.

40.00 Set granite rock 18x10x6 ins
12 ins in ground for
1/4 sec. cor. marked 1/4 on
N. face; dig pits 18x18x
12 ins N. + S. of stone

Subdivisions

cls

3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high W. of cor.
 67.20 Rocky gulch 50 lks wide course S.W.

Ascend

80.00 Set volcanic stone $20 \times 10 \times 6$ ins
 14 ins in ground for cor.
 sec. 13, 14, 23 and 24
 marked 3 notches on S.
 and 1 on E. edges. Dig
 pits $18 \times 18 \times 12$ ins in each
 sec. $3\frac{1}{2}$ ft dist, & raise
 mound of earth 4 ft base
 2 ft high W. of cor.
 Landhilly
 Soil 2^d rate.
 No timber
 Mountainous land 80.00 lks

Twp 19 S. R 28 E.

chs

S. $89^{\circ}22'E$ on random
line bet. secs 13 and 2440.00 Set temp $\frac{1}{4}$ sec. cor.80.35 Intersect E. Bdy of Twp
39 lks S. of cor secs. 13, 18,
19 and 24, Thence run
N. $89^{\circ}39'W$ on true line
bet. secs. 13 and 24

Enter timber brs N.E. + S.W.

6.35 Top of hill

12.35 Descend steep rocky hill.

13.60 Gulch 50 lks wide course S. $60^{\circ}W$

23.10 Gulch 1 ch wide course S.W.

26.35 Leave oak timber and
undergrowth brs N.E. + S.W.40.17 $\frac{1}{2}$ Set volcanic stone 24x16x
8 ins, 18 ins in ground
for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. face; dig pits
18x18x12 ins E. + W. of stone

Subdivisions

- chs
- 3ft dist and raise
mound of earth 3½ft-
base 1½ft high N. of cor.
42. 5-5 Road brc NE + SW
42. 9 5 Gulch 5lks wide course S.W.
- 5-4. 5-5 Rocky gulch 30lks wide
course S.W.
- 75, 35 Ascend
80. 35- Cor secs 13, 14, 23 and 24
Land rough
Soil 2^d rate
Oak timber + undergrowth
Mountainous + timber
80. 35- Charris
February 21st 1902
- N. 0° 1' West bet secs 13 + 14
Over mountainous land
- 13.00 Descend
- 20.25 Descend steep rocky
bank

Tr 19 S. R 28 E

- dis
- 22.10 Gulch 40 lks wide course S.W.
- 22.50 Ascend
- 31.00 Top of hill
- 33.00 Ridge brs N.E. and S.W.
- 35.00 Descend
- 40.00 Set granite rock 24X14X4 ins
18 ins in ground for
1/4 sec. cor. marked 1/4 on
W. face
An Oak 8 ins diam brs
S. 5-8° 45'-E, 37 lks dist, mark-
ed 1/4 S. B.T.
- An Oak 10 ins diam brs
S 81° 15'-W, 43 lks dist
marked 1/4 S. B.T.
- 40.50 Gulch 30 lks wide, course
S.W.
- Ascend
- 46.00 Top of gulch bank
- 58.00 Top of ridge brs N.E. + S.W.

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Subdivisions

chs

Descend

65.00 Descend steep bank

70.50 Gulch 25-30 ft wide course S.W

Ascend

75.00 Top of bank

80.00 Set granite boulders $24 \times 10 \times 6$ ins, 18 ins in ground for cor sees 11, 12, 13 and 14

marked 4 notches on S. and

1 on E. edges; dig pits

 $18 \times 18 \times 12$ ins in each see $5\frac{1}{2}$ ft dist and raise a

mound of earth 4 ft base

2 ft high N. of cor.

Land hilly & gulches

Soil 2^d rate

Oak timber

Mountainous land

80.00 chains

Tfr 19 S. R 28 E.

chs

S. $89^{\circ}39'E$ on random
line bet secs 12 and 13

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

80.40 Intersect E. body of Tfr 29 lks
S. of cor. secs. 7, 12, 13 + 18.

Thence I run

N. $89^{\circ}5'2''$ on true line
bet secs 12 and 13.

Descend

16.50 Gulch 40 lks wide course S. W.

17.00 Ascend

21.00 Top of bank

Descend

40.20 Set volcanic rock $24 \times 12 \times 8$ ins

18 ins in ground for $\frac{1}{4}$ sec
cor, marked $\frac{1}{4}$ on N. face

Dig pits $18 \times 18 \times 12$ ins E + W
of stone 3 ft dia and
raise a mound of
earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high

Subdivisions

chis

N. of cor

Descend $2\frac{1}{2}^{\circ}$ slope to

80.40 Cor sees 11, 12, 13 + 14

Land broken + mountainous
soil 2^l + 3^l rate

Mountainous land

80.40 chains

N. $0^{\circ}1'$ W bet sees 11 and 12

Over mountainous land

17.00 Descend

19.00 Descend over steep

23.85 Gulch 100 ft deep 30 lks wide
course W.

24.50 Ascend

34.00 Top of steep bank

38.00 Top of ridge bet E. and W.

40.00 Set granite 24 x 12 x 6 ins 18 ins
in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W face.

Tfr 19 S. R 28 E

chs

dig pits 18X18X12 ins N + S.
 of stone 3 ft dist + raise
 mound of earth 3 1/2 ft base
 1 1/2 ft high N. of cor.

Descend

49.00 Descend into gulch

57.00 Gulch 40 lks wide course
N. 70° W. Ascend

62.00 Top of bank

70.00 Descend

78.50 Gulch 30 lks wide course W.
Ascend

80.00 Set granite 20X12X8 ins, 14 ins
 in ground for cor sec
 1-2-11-12 marked 5 notches
 on S. and 1 on E. edges
 An Oak 18 ins diam brs
 N. 73° E, 137 lks dist marked
 T. 19 S. R. 28 E, S. 1, 13, 4,
 An Oak 14 ins diam brs

Subdivisions

chs

S 17° 45' E 137 lks dist, marked
T. 19 S, R. 28 E. S. 12 B. Y.

An Oak 16 ins diam bre

S 89° 45' W 42 lks dist marked
T. 19 S R. 28 E S 11 B. Y.

An Oak 10 ins diam bre

N. 34° 30' W, 5-3 lks dist marked
T. 19 S. R. 28 E. S. 2 B. Y.

Land rough & broken
soil 3^d rate

Timber Oak & Juniper along
gulches.

Mountainous land 80.00 chs
February 27th 1902

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

40.00 Sit timber 1/4 sec cor

80.42 Intersect E. Bdy of Tp 12 lks
N. of cor secs 1, 6, 7 and 12
Thence I run

Twp 19 S. R 28 E.

chs

N. 89° 47' W on true line
bet secs 1 and 12

Descend along S. slope of
mountain.

13.00 Descent more abrupt

31.00 Gulch 40 ft wide course N. W.

32.00 Ascend steep rocky hill

40.21 Set granite 18x8x6 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 high N. of
cor. Pits impracticable

42.00 Top of ridge bet S.E. + N. W.

Descend to

47.00

Read n and s.

80.42

Cor. secs. 1, 2, 11 and 12

Land mountainous

Soil 3rd rate

Timber Oak + Juniper

Mountainous land 80.42 chs

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BOOK 954

Subdivisions

chs

- N 0° 1' W on random line
bet secs 1 and 2
- 40.00 Set temp 1/4 sec cor.
- 92.45 Intersect N. Bdy of Tp 14.95 chs
E of the 1/4 cor bet secs 1 + 36
I set granite 18x12x8 ins
for C.C. ^{C.C. on S. face} secs 1 and 2. marked
1 groove on E + 3 on W edges.
raise mound of stone
3ft-base 2 ft-high S of cor
Ditto impracticable.
An oak 12 ins diam br
S 62° 45' E, 108 lks dist marked
T. 19 S. R 28 E S. 1 B. T.
Thence I run
S 0° 1' E on true line bet
secs 1 and 2. Ascend
- 12.00 Top of ascent on W slope
of mountain. Descend
- 27.00 Bottom of mountain

T. 19 S. R. 28 E.

- chs
 28.50 Gulch 40 fks wide, course N. 75° W.
 31.10 Gulch 35 fks wide course N. 60° W
 33.05 Road brs S. E. and N. W.
 Ascend
 5-2.45 Set granite 24x12x10 ins 18 ins
 in ground for $\frac{1}{4}$ sec cor. Set
 marked $\frac{1}{4}$ on W. face; dig
 pits 18x18x12 ins N. and S. of
 stone 3 ft dist, raise and
 of earth 3 $\frac{1}{2}$ ft - base 1 $\frac{1}{2}$ ft
 high W of cor.
 5-8.00 Ridge brs E and W.
 Descend
 8.00 Descend steep hill
 88.50 Gulch 1 ch wide course S. W.
 89.50 Ascend
 91.00 Top of bank.
 92.45 Cor secs 1, 2, 11 and 12
 Land rough
 Soil 3^d + 4th rate

Subdivisions

chs

Timber oak along gulches
 Mountainous land 92.45 chs
 February 23^d 1902

From the cor secs 2, 3, 34
 and 35 on the S. Bdy of Tr
 Iron

N. 0° 1' W bet secs 34 and 35-
 Descend

.60 Wash 30 lks wide course W.

1.50 Ascend

12.00 Ridge 75 ft above cor
 brs S.E. and N.W.

Descend.

22.00 Wash 40 lks wide course N. 60° W

Ascend

30.00 Ridge brs S.E. and N.W.

Enter timber

38.00 Enter white river valley
 brs E. and W.

40.00 Set granite 18x12x8 ins 12 ins

T. 19 S. R 28 E

- in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face
dig pits $18 \times 18 \times 12$ ins N. & S.
of stone 3 ft dist, raise
a mound of stone $3\frac{1}{2}$ ft-
base $1\frac{1}{2}$ ft high W. of cor.
- 58.90 Road Pearce to Rucker
canyon brs E and W.
- 68.00 White River 125 lks wide
(dry) course W.
- 70.40 Moor's wire fence brs N.E. & S.W.
- 74.20 White River 1 ch wide (dry) course
West.
- 80.00 Sit sandstone boulder
 $20 \times 12 \times 8$ ins, 14 ins in grd
for cor sec. 26, 27, 34 + 35-
marked 1 notch on S. and
2 on E. edges.
An Oak 36 ins diam brs
N. $22^{\circ} 15'$ E, 122 lks dist

Subdivisions

marked T. 19 S. R. 28 E. S. 26 1/2.

Willow 5/8 mi diam brs S. 68° E

77 lks dist marked

T. 19 S. R. 28 E. S. 35 1/2.

An Oak 18 mi diam brs

S. 27° 30' W, 15-2 lks dist

marked T. 19 S. R. 28 E. S. 34 1/2.

Land mountainous & level

soil 1st + 3^d rate

Timber Oak, Juniper, Sycamore, Willow Ash along river.

Mountainous and timbered land 80,00 chs

S. 89° 39' E on random line
bet secs 26 and 35

40.00 Set temp 1/4 sec. cor.

80.13 Intersect N. + S. line 10 lks
N. of cor secs 23, 26, 36 + 36
Thence I run

T. 19 S. R. 28 E.

chs

N. $89^{\circ}35'$ W. on true line
bet secs 26 and 35-
Through heavy timber down
White River bottom.

24.10 Road Pearce to Rucker cañon
br. N.E. and S. W.

40.06½ Set granite boulder $24 \times 12 \times$
6 ins, 18 ins in ground
for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on N. face, from whence
A sycamore 24 ins diam br
N. $2^{\circ}30'$ E, 112 lks dist marked
 $\frac{1}{4}$ S. B. Y.

An Oak 10 ins diam br
S. $5^{\circ}3'$ E, 36 lks dist, marked
 $\frac{1}{4}$ S. B. Y.

40.25 One fork White River 50 lks
wide, course S.W.

75.20 Moore's wire fence br N. + S.

80.13 Cor secs 26, 27, 34 + 35-

- Subdivisions
- dis soil st rate
- Timber Oak Sycamore
Juniper, Cedar, Walnut,
Willow, Elm and ash,
Timbered land 80.13 dis
-
- N. 0° 1' W. bet sec 26 + 27.
- Ascend
- 16.80 Gulch 75 lks wide, 15-ft deep
course W.
- 17.80 Descend
- 18.20 Gulch 50 lks wide course
S. 60° W. Ascend
- 34.00 Flat ridge brs. N.E. + S.W.
Descend
- 39.85 Wash 20 lks wide course S.W.
- 40.00 Set granite 20X10X6 ins
14 ins in ground for 1/4
sec. cor. marked 1/4 on W. face.
dig pits 18X18X12 ins N. + S.

Tfr 19 S. R 28 E

chs

of stone 3ft. dist and
raise mound of earth
3½ ft base 1½ ft high
N. of cor.

67.00 Ridge brs. N.E. and S.W.
Descend

75.75 Moore's wire fence brs
S. 60° E.

76.20 Gulch 40 lks wide course
S.W. Ascend

80.00 Set granite 24X14X10 ins
18 ins in ground for cor
secs 22, 23, 26 + 27, marked
2 notches on S. and E. edges,
Raise mound of stone
3ft base 2ft high N. of cor.
Pits impracticable.
Land hilly
Soil 2^d + 3^d rate
Mountainous land 80.00 chs

Subdivisions

- chs
- S. $89^{\circ}35'$ E on random line
bet. secs 23 + 26
- 40.00 Set temp $\frac{1}{4}$ sec cor
- 80.18 Intersect N. + S. line at cor
secs 23, 24, 25 and 26
Thence Iron
N $89^{\circ}35'$ W. on true line
bet secs 23 and 26
- 4.18 Top of bank
- 5.18 Descend
- 6.18 Gulch 75 ft wide course S. W.
- 10.18 Ascend
- 25.18 Low ridge bet N. + S.
- 32.18 Descend
- 34.93 Hash 20 ft wide course S. W.
- 40.09 Set granite $16 \times 10 \times 6$ ins, 10 ins
in ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face
dig pits $18 \times 18 \times 12$ ins E and W.
of stone 3 ft dist, raise

Tr 19 S. R 28 E
 chs

mound of earth $3\frac{1}{2}$ ft-
 base $1\frac{1}{2}$ ft high N. of cor.

42.18 Bottom of descent

48.18 Ascend

70.18 Top of ascent

76.18 Descend

76.5-8 Gulch 40 lks wide course S.W.

Ascend

80.18 Cor secs 22, 23, 26 and 27.

Land hilly
 Soil 2^d rate

Oak along gulches

Mountainous land

80.18 chains

N. 0° 1' W. bet secs 22 + 23

Ascend

13.00 Top of bank of gulch

10.00 Top of ridge br. N.E. + S.W.

28.00 Descend

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BOOK 954

Subdivisions

che	
26.50	Gulch 20 lks wide course S.W.
27.00	Ascend
34.00	Top of bank
40.00	Set granite 18x12x8 ins 12 ins in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face dig pits 18x18x12 ins No S. of stone 3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high N. of cor.
48.00	Descend
55.80	Gulch 50 lks wide course S. 60° W
58.30	Ascend
68.00	Top of bank
75.00	Top of ridge, brs N.E. + S.W.
76.50	Descend
80.00	Set granite stone 20x16x6 ins. 14 ins in ground for cor secs. 14, 15, 22 + 23, mark 3 notches on S. + 2 on E. edges Raise mound of stone

Tfr 19 S. R 28 E
chs

2 ft base $\frac{1}{2}$ ft high N. of cor.
Pits impracticable
Soil 3rd rate

Oak + Juniper along gulches
Mountainous land

80,000 chains
February 24th 1902

S. $89^{\circ}35'E$ on random
line bet secs 14 and 23

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

80.30 Intersect N + S. line 18 lks
S. of cor, secs 13, 14, 23 + 24

Thence I run

N. $89^{\circ}43'W$ on true line
bet secs 14 and 23.

Over mountainous land

12.30 Top of bank

25.80 Descend very steep hill

27.30 Touch bend in gulch course

N $70^{\circ}W$. brs N. E.

Subdivisions

- chs
40.15 Set granite boulder 24x10x
6 ins 18 ins in ground
for 1/4 sec. cor. marked
1/4 on N. face. Raise end
of stone 2 ft base 1 1/2 ft-
high N. of cor. Pits im-
practicable.
An Oak 30 ins diam brs
S. 271 lks dist marked 1/4 S.
B.Y.
- 40.80 Gulch 30 lks wide course S.W.
- 5-4.30 Ascend.
- 66.30 Ridge brs N.E. + S.W.
Descend
- 80.30 Cor. secs. 14, 15, 22 + 23.
Land broken
Soil 3rd rate
Timber Oak + Juniper along gulches
Mountainous land 80.30 chs
-

T. 19 S. R. 28 E.

chis

N. 0° 1' W bet secs 14 + 15-

Descend

2.00 Gulch 20 lks wide course W.

Ascend

11.00 Top of bank

20.00 Top of ridge bet. E. and W.

26.00 Descend.

31.00 Bottom of steep hill

32.20 Gulch 30 lks wide course W

33.50 Ascend rocky hill

40.00 Set volcanic stone 18x12x6 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

41.00 Top of rocky hill

80.00 Set volcanic stone 24x12x

6 ins, 18 ins in ground

for cor secs. 10, 11, 14 + 15-

chs

Subdivisions

marked 4 notches on S. and
2 on E. edges.

Dig pits 18X18X12 ins in
each sec. 5 1/2 ft dist +
raise mound of earth
4 ft base 2 ft high N. of cor.
Land hilly and rolling
Soil 3rd rate.

No timber

Mountainous land

41.00 charris

S. 89° 43' E on random line
bet secs 11 and 14.

40.00 Sit temp 1/4 sec. cor.

80.24 Intersect N. and S. line
48 lks N. of cor. secs 11, 12,
13 + 14. Thence I run
N. 89° 22' W on true line
bet. secs 11 and 14.

T. 19 S. R 28 E

- chs
 Descend 3° slope
 23.24 Top of hill
 32.24 Descend steep rocky hill
 33.84 Gulch 30 lks wide, course West.
 50 lks S. of gulch course N. 70° W.
 40.12 Bottom of hill. Std granite
 24x12x6 ins, 18 ins in ground
 for 1/4 sec. cor, marked 1/4 on
 N. face; dig pits 18x18x12 ins
 E. and W. of stone 3 ft dist. +
 raise mound of earth 3 1/2 ft
 base 1 1/2 ft high W. of cor.
 5-2.24 Ascend steep rocky hill.
 Descend.
 80.24 Cor. secs 10, 11, 14 and 15.
 Land hilly + rolling
 soil 2^d rate
 Mountainous land
 29.00 chains
-

40

BOOK '954

Subdivisions

cls	N. 0° 1' W. bet secs. 10 and 11
	Descend
17.50	Gulch 40 lks wide, course West
19.00	Ascend.
28.00	Ridge b're E and W
	Descend
35.30	Gulch 50 lks wide, course N. 70° W
37.00	Ascend
40.00	Set granite 16 X 10 X 8 ins, 10 ins in ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on W. face Raise mound of stone 2 ft base $1\frac{1}{2}$ ft high. W of cor Pits impracticable
44.00	Step rocky ridge b're E. + W. Descend.
47.50	Gulch 30 lks wide course W. Ascend
52.00	Top of ascent - thence across rolling land.

Twp 19 S. R 28 E.

chse

80.00 Set granite rock $24 \times 6 \times 6$ ins
 17 ins in ground for cor. secs
 2, 3, 10 and 11, marked 5-
 notches on S. and 2 on E. edges
 Raise mound of stone
 2 ft base $1\frac{1}{2}$ ft high N. of cor.
 Soil 2^d + 3^d rate
 No timber
 Mountainous land
 5-2.00 chains

S. $89^{\circ}22'$ E. on random line
 bet secs 2 and 11

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

80.47 Intersect N. & S. line 23 lks
 S. of cor secs 1, 2, 11 & 12

Thence I run

N. $89^{\circ}32'$ W. on true line
 bet secs 2 and 11

.60 Descend

Subdivisions

chs

- 1.10 Enter gulch, course West.
- 6.20 Leave gulch course N. 78° W
- 8.00 Ascend steep hill
- 11.50 Top of hill, Thence over rocky land, descend slope 3° W.
- 40.2 3½ Set granite 24x10x6 ins 18 ins in ground for ¼ sec. cor, marked ¼ on N. face; dig pits 18x18x12 ins E. and W. of stone 3 ft dist and raise mound of earth 3½ ft base 1½ ft high N. of cor.
- An Oak 24 ins diam brs S. 88° E, 315-llks dist marked ¼ S. B. G.
- 43.60 Gulch 15 lks wide course N. 60° W
- 80.47 Cor. secs. 2, 3, 10 and 11
Land hilly & rolling

T. 19 S. R. 28 E.

chc

Soil rocky, 2^d + 3^d rate
 Timber Cat along gulches
 Mountainous land

11.50 chains
 January 25th 1902

N. 0° 1' W. bet. eccs 2 and 3

7.60 Gulch 1 ch wide course N. 60° W.

21.00 Gulch 40 lks wide course W.

23.00 Ascend

32.00 Ridge bet E + W. Descend

37.20 Gulch 20 lks wide course S. 60° W

Ascend

40.00 Set granite stone 24 X 10 X 8 ins

18 ins in ground for 1/4 ecc

cor marked 1/4 on W. face

dig pits 18 X 18 X 12 ins N. + S. of

stone 3 ft dist + raise

in ground of earth 3 1/2 ft

base 1 1/2 ft high W. of cor

thence across rolling land

Subdivisions

chs

91.55-

Intersect N. Bdy of Tfr
 25:77chs It of cor secs
 1, 2, 35 and 36. I set
 granite stone 24x8x6 ins
 18 ins in ground for C.C.
 of secs 2 and 3 marked C.C.
 on S. face with 2 grooves
 on E. and 4 on W. faces;
 dig pits 24x18x12 ins ^{crossing each line} C. W.
 of stone 3ft-dict, + S
 7ft-dict; and raised a
 mound of earth 4ft base
 2ft high S. of cor.

Soil 2^d rate

Timber - oak along gulches
 Mountainous land

32.40 chains

I change the cor of
 secs 1, 2, 35 and 36 on
 N. Bdy. to cor of secs

chs
Twp 19 S. R 28 E

35 and 36 by obliterating marks on bearing trees in secs 1 and 2. The post having decayed off at the ground I set a granite stone 24x12x8 ins, 18 ins in ground for cor secs 35 and 36, (marked 1 notch on E, and 5 on W. edges) at exact point where stake stood.

From the cor of secs
3, 4, 33 and 34 on the S. Bdy
Iron

N. 0° 2' W. bet secs 33 and 34

Descend.

2.00 Bottom of ridge

3.20 Wash 100 yds wide course N. 60° W.

6.50 Ascend

Subdivisions

chs	
12.50	Gulch 50 lks wide course S.W.
13.50	Ascend steep ridge
35.00	Ridge brs E & W. Descend.
40.00	Set Malpais 18x12x8 ins, 12 ins in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raise mound of stone 2 ft base $1\frac{1}{2}$ ft high N. of cor. Pits infracticable.
48.00	Enter White River Valley brs E. and W.
76.20	Road Rucker Cañon to Pearce + Tombstone brs S. 75° E.
80.00	Set Malpais boulder 24x10x6 ins for cor secs 27, 28, 33 and 34, marked 1 notch on S. + 3 on E. edges Dig pits 18x18x12 ins in

chs
Tfr 19 S. R 28 E

each sec. $5\frac{1}{2}$ ft dist and
raise mound of earth
4 ft base 2 ft high N. of cor.
Land hilly + mts
Soil 1st + 2^d rate
Mountainous land
4800 chasins
February 26th 1902

S. $89^{\circ}39'E$ on random line
bet secs. 27 and 34

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

80.02 Intersect N. and S. line
at cor secs 26, 27, 34 + 35-
Thence I run

N $89^{\circ}39'W$ on true line
bet secs 27 and 34

.72 Galch 20 lks wide course S. $20^{\circ}W$

10.02 Corral bre S. 150 lks dist

12.5-2 Front door Moore's house bro N. 80 lks
Descend into White River valley.

Subdivisions

- | ch | |
|--------|---|
| 33.52 | Gulch 20 lks wide, course S. W. |
| 38.74 | Moore's wire fence brs. S. E. + N. W. |
| 40.01 | Set granite boulder 18 x 8 x 6 ins
12 ins in ground for 1/4 sec.
cov. mark 1/4 on N. face
A sycamore 12 ins diam, brs
S. 69° E. 98 lks dist marked
1/4 S. B. Y.
A Juniper 36 ins diam brs
N. 38° W. 168 lks dist, marked
1/4 S. B. Y. |
| 5-2.42 | Fork White River 15 lks wide
course N. 60° W. |
| 5-5.52 | White River 1 ch wide course
N. 70° W. |
| 65.02 | Lean timber brs S. E. + N. W. |
| 80.02 | Cov. secs 27, 28, 33 + 34
Land level + Mts
Soil 1 st + 2 ^d Grate
Timber Oak, ^{Sycamore} + Juniper |

Tr 19 S. R 28 E
 chs

Mountainous + timbered
65.02 chains

N. 0° 2' W bet. secs 27 + 28.

- 10.00 Enter timber brs S. E. + N. W.
 13.50 White River 2 chs wide course N. 60° W
 21.00 Leave White River valley - Ascend
 23.00 Timber brs E + W
 25.00 Ridge brs E + W. Descend
 27.80 Gulch 60 lks wide, course S. 60° W.
 31.00 Ascend rocky ridge
 36.50 Ridge brs N. E. + S. W. Descend
 40.00 Set granite boulder 24x10x
 6 ins 18 ins in ^{the ground} for 1/4 sec. cor
 marked 1/4 S. on W. face
 raise mound of stone
 2 ft base 1 1/2 ft high W.
 of cor. Pits impracticable
 40.30 Gulch 10 lks wide course S. W.
 ascend

50

BOOK 954

Subdivisions

- chs
- 54.00 Ridge bres N.E. + S.W. Descend
- 63.00 Bottom of ridge
- 65.40 Gulch 10 lks wide, course S.W.
Ascend
- 73.00 Ridge bres N.E. + S.W.
- 76.90 Gulch 20 lks wide course S. 60° W
Ascend
- X80.00 Set granite 24x12x10 in
18 ins in ground for cor
secs 21, 22, 27 + 28 marked
2 notches on S, and 3 on E edge
Raise mound of stone
2 ft base 1 1/2 ft high W. of
cor. Pits impracticable
Land level + W to
Soil 1st + 2^d rate
Timber Oak, Sycamore + Juniper
Mountainous land
70.00 chains
-

Twp 19 S. R 28 E

chs

S. $89^{\circ} 39' E$ on random
line bet secs 22 and 27

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

80.07 Intersect N. + S. line 7 lks

S. of cor, secs. 22, 23, 26 + 27

Thence I run

N. $89^{\circ} 42' W$ on true line
bet secs 22 and 27

Over mountainous land
Ascend

40.03 $\frac{1}{2}$ Set granite $18 \times 10 \times 6$ ins, 12 ins
in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face.
dig pits $18 \times 18 \times 12$ ins E + W.
of stone 3 ft dist + raise
mound of earth $3\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft high N. of cor
Moos wire fence brs $N. 20^{\circ} E$ +
Moos wire fence brs N. $78^{\circ} W$. +

48.82 Gulch mark head course S.W.

Subdivisions

chc

Descend

79.32 Gulch 20 lks wide course S.W.

80.07 Cor secs 21, 22, 27 + 28

Land hilly + cuts

soil 2^d + 3^d rate

No timber

Mountainous land

80.07 chains

N. 0° 2' W. bet secs 21 + 22.

Ascend

4.00 Top of bank

14.00 Descend steep rocky hill

15.50 Bottom of hill

19.00 Gulch 30 lks wide course S.W.

19.50 Ascend

38.00 Top of bank. Ascend
2° slope40.00 Set conglomerate boulders
20 x 8 x 6 ins, 14 ins in

Tr 19 S. R 28 E
cls

ground for 1/4 sec, cor.
marked 1/4 on W. face
dig pits 18X18X12 ins N + S.
of stone 3 ft dist + raise
mound of earth 3 1/2 ft base
1 1/2 ft high W. of cor.

6000 Descend

6700 Descend steep hill

71.20 Gulch 50 lks wide course
S. 70° W.

72.00 Ascend

80.00 Topr. set granite stone 24X
12X5 ins 18 ins in ground
for cor. secs. 15, 16, 21 + 22
marked 19 S. 28 E, with
3 notches on S. + E. edges
dig pits 18X18X12 ins in
each sec 5 1/2 ft dist, +
raise mound of earth
4 ft base, 2 ft high W. of cor.

Subdivisions

Soil 2^d + 3^d rate
 Oak + Juniper along gulches
 Mountainous land
 80.00 chains

- 40.00 S. 89° 42' E on random
 line bet secs 15 and 22
 Set temp 1/4 sec. cor.
- 80.15 Intersect N. + S. line 7 lks
 S. of cor secs. 14, 15; 22 + 23
 Thence I run
 N. 89° 45' W on true line
 bet secs 15 and 22.
 Descend along S. side
 of Gulch
- 40.07 1/2 Set conglomerate stone 20 x
 10 x 6 ins, 14 ins in ground
 for 1/4 sec cor, marked
 1/4 on N. face; raise a
 mound of stone 3 ft base

Twp 19 S. R. 28 E.

ch 10

2 1/2 ft high N. of cor.
Pits impracticable
Descend.

41.65 Gulch 40 lks wide, course
S. 70° W.

50.15 Bottom

61.15 Ascend

80.15 Cor secs 15, 16, 21 and 22
Land mountainous
Soil 3^d rate
No timber
Mountainous land
80.15 chains

N. 5° 2' W. bet secs 15 + 16

40.00 Set conglomerate rock
18x12x6 ins 12 ins in ground
for 1/4 sec. cor marked
1/4 on W. face; dig pits

Subdivisions

ch

- 18X18X12 ins N. + S. of stone
3 ft dist and raise a
mound of earth 3 1/2 ft
base 1 1/2 ft high W. of cor
Descend
- 43.00 Descend steep hill
- 57.50 Gulch 40 lks wide course S. 75° W.
Ascend
- 60.00 Top of rocky hill
- 71.00 Old road b're. S. 60° E.
Descend
- 80.00 Set granite rock 18X14X8 ins
12 ins in ground for
cor secs 9, 10, 15 and 16
marked 4 notches on
S. and 3 on E. edges
dig pits 18X18X12 ins
in each sec. 5 1/2 ft dist
and raise mound of
earth 4 ft base 2 ft high

chs Twp 19 S. R 28 E

N. of cor

Land rolling + rough
soil 3rd rate

No timber.

Mountainous land

40.00 chains
February 27th 1902

S. $89^{\circ}45'E$ on random
line bet secs 10 and 15-

40.00 set temp 1/4 sec. cor

80.16 Intersect N + S line

12 lks N. of cor secs 10, 11,
14 and 15; thence I run
N. $89^{\circ}40'W$ on true line
bet secs 10. and 15-

40.08 set granite rock 24x12x8 ins
18 ins in ground for 1/4 sec
cor. marked 1/4 on N. face
and raise a mound of stone 2 ft.
base, 1/2 ft. high, N. of cor. Pts imprac.

5-8

BOOK 954

Subdivisionis

chs

Descend

70.66

Gulch 30 lks wide course N.W.

Ascend

80.16

Cor. secs. 9, 10, 15 + 16

Land rolling

Soil 2^d rate

No timber

N. 0° 2' W. bet. secs 9 + 10

Descend

7.20

Gulch 40 lks wide, course

N. 60° W.

Ascend

18.00

Ridge hrs S. 60° E + N 60° W.

32.00

Descend

40.00

set granite 18X10X8 ins

12 ins in ground for

1/4 sec cor marked

1/4 on W. face; dig pits

18X18X12 ins N. + S. of stone

Apr 19 S. R 28 E

due

3 ft dist and raise mound
of earth 3 1/2 ft base,
1 1/2 ft high W. of cor.

63.50 Gulch 1 ch wide, course N. 60° W.

73.00 Ascend.

80.00 Set malpais 20X10X5 ins
14 ins in ground for
cor sec 3, 4, 9 and 10
marked 5 notches on
S. and 3 on E. edges
dig pits 18X18X12 ins in
each sec 5 1/2 ft dist
& raise mound of earth
4 ft base 2 ft high
W. of cor.

Land hilly
soil 3rd rate
No timber

Subdivisions T. 19 S. R. 28 E
 chs

- 40.00 S. $89^{\circ}40'E$ on random line bet secs 3 and 10
 Set temp $\frac{1}{4}$ sec. cor.
- 80.24 Intersect N. + S. line 10 lks
 S. of cor. secs 2, 3, 10 + 11
 Thence I run
 N. $89^{\circ}44'W$ on true line
 bet. secs 3 and 10
- 40.12 Set granite $18 \times 10 \times 6$ ins
 12 ins in ground for
 $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
 on N. face; dig pits
 $18 \times 18 \times 12$ ins E. and W. of
 stone 3 ft dist, + raise
 mound of earth + stone
 $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high
 N. of cor.
 Descend 5° slope
- 60.24 Wash 30 lks incl course S. $60^{\circ}W$
- 80.24 Cor secs 3, 4, 9 + 10

concluded, Book 971.