

"C"
51)

Sub 7

Subdivisions

T. 28 N. R. 4 E

BOOK 557

No. 557

4-671

557

FIELD NOTES
GENERAL LAND OFFICE.

No. 557

Field Notes
of the survey of the
Subdivision of Tfr.
No 28 N. Range No. 4 E
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
Lewis Holfley
U. S. Deputy Surveyor,
under his contract No. 72
Dated June 13, 1900

Survey commenced. Sept 23/1900
Survey completed

BOOK 559

BOOK 558

BOOK 557

BOOK 557

(4-674.)

Township 28 N. R. 4 E.

6	128	5	95	4	68	3	46	2	23	1
127		125		92		66		44		21
7	122	8	89	9	64	10	42	11	19	12
126		118		87		62		40		17
18	116	17	85	16	60	15	38	14	15	13
115		112		83		59		36		13
19	111	20	80	21	57	22	34	23	10	24
109		107		78		54		32		9
30	105	29	75	28	52	27	29	26	7	25
100		103		73		50		27		5
31	98	32	71	33	48	34	26	35	3	36

Submissions T 2 & N R 4 E
chains

Sept 23 at 7 a.m. l.m.t. 2 set off

$25^{\circ} 44' 00''$ N. on lat arc and $0^{\circ} 0'$ on
decl arc and determined the true

Meridian with the Solar at the

Cor to Secs 1, 2, 35 and 36

Tp 27 and 28 N. R 4 E.

Thence 2 run

N 01' W bet Secs 35 and 36

Level

Dense Cedar and Pinon

15.00 Open park

19.00 dense cedar and Pinon and

Acacia gently

40.00 Set a Pinon Post 3 ft long 3

ins top 24 ins in ground for $1/4$

Sec Cor bet Secs 35 and 36

marked $1/4$ S 35 on N face and

S 36 on E face, from which

a Pinon 6 ins dia br N 87° E

27 lbs dist marked $1/4$ S 36 B.T.

Substations T 28 N R 4 E Cont'd
chains

- A Pinon 10 in dia brs $\Delta 32^{\circ} 9' 44''$
 least marked $\frac{1}{4}$ $\Delta 35^{\circ}$ B. I.
 Ascend gently
 60.00 Descend gently
 70.00 ascend gently
 80.00 Set a limestone $14 \times 12 \times 10$ in
 9 in in ground for cor of sec
 25, 26, 35 and 36 marked
 with 1 groove on Δ and \angle
 edges; from which
 A Pinon 16 in dia brs $\Delta 72^{\circ} 30' E$
 21 lbs diet marked
 T 28 N R 4 E $\Delta 36$ B. I.
 A Pinon 14 in dia brs $\Delta 13^{\circ} 15' N$
 19 lbs diet marked
 T 28 N R 4 E $\Delta 35$ B. I.
 A Pinon 6 in dia brs $\Delta 46^{\circ} 15'$
 N 52 lbs diet marked
 T 28 N R 4 E $\Delta 26$ B. I.
 A Pinon 10 in dia brs $\Delta 64^{\circ} 30' E$

Subdivision T 28 N R 4 E Cont'd.
chains

141 the dist. marked
T 28 N R 4 E S 25 B. 1.
Acres 3 Rali
Formation Wisconsin Limestone
Character Mountainous
4.00 acs Open ground
79.04 acs Heavy timber dense brush
83.04 acs Mountainous character

N 89° 58' E on a random line
bet Secs 25 and 36

40.00 Set a temporary 1/4 Sec Cor.

80.00 Intersect E bdy 7 lks N of
Cn at Secs 25, 30, 31 and 36
Thence 2 run

N 89° 54' N on a true line bet
Secs 25 and 36

Nearly level

Low cedar and Pinion

Ground gradually Rocky

Substratum 1 28 N R 4 E Cont'd
chains

10.00 Ascend gradually - Rocky

28.50 Ascend gradually

36.00 Level

40.00 Set a limestone $14 \times 10 \times 7$ ins9 ins in ground for $\frac{1}{4}$ sec corbet. ^{sec. 0} 25 and 36 marked $\frac{1}{4}$ A

on N face, from which

A Pinon 8 ins dia br $N 57^{\circ} 30'$ E16 lbs dist marked $\frac{1}{4}$ A 25 B.T.A Pinon 8 ins dia br $S 87^{\circ} 30'$ W45 lbs dist marked $\frac{1}{4}$ A 36 B.T.

Ascend gradually

77.00 Ascend gradually

80.00 The cor to sec 25, 26, 35, & 36

Soil 1st Rate

Formation Volcanic Lime

Character Mountainous

80.61 the Heavy Pinon some brush

80.61 the Mountainous character

Submissions 125 N R 4 E Corral
 chovins

- 1001' N bet Secs 25 and 26
 Descend gently
 Dense Cedar and Pinon
- 10.00 Level
- 17.00 Descend rapidly - Rocky
- 40.00 Hit a limestone 16 X 14 X 7 ins
 11 ins in ground for 1/4 Sec 25
 bet Secs 25 and 26 marked
 1/4 S on N face, from which
 A Pinon 8 ins dia br N 70° 30' E
 60 lbs cut marked 1/4 S 25 B. I.,
 A Pinon 7 ins dia br S 77° 15' W
 53 lbs cut marked 1/4 S 26 B. I.
- Descend rapidly - Rocky
- 49.00 Descend gradually
- 52.00 Open park on N N by
- 61.00 Enter Cedar and Pinon fire swept
 standing and fallen.
- 69.00 Open draw on N by
- 75.00 Dense cedar, Pinon and Pine cut

Subterraneous T 28 N R 4 E Contd
chains

nearly level - Rocky

80.00 Set a limestone 22 x 12 x 5 ins
14 ins in ground for cor of Sec23, 24, 25 and 26 marked
with 2 grooves on S and 1
on E edges; from whichA Pine 12 ins dia br N 30° W
85 lks dia marked

T 28 N R 4 E S 23 B. 1.

A Pine 8 ins dia br N 18° 15' E
38 lks dia marked

T 28 N R 4 E S 24 B. 1.

A Pinon 14 ins dia br S 7° 15' W
H 3 lks dia marked

T 28 N R 4 E S 26 B. 1.

A Pinon 6 ins dia br S 68° 45' E
144 lks dia marked

T 28 N R 4 E S 25 B. 1.

Soil Hth Rate

Formation Volcanic Lime

Subdivisions T 28 N R 4 E Cont'd

chains

Character Mountainous

15.00 chs open ground

69.43 chs Heavy timber some brush

84.43 chs Mountainous character

————— " —————
 S 89° 59' E on a random line
 bet Sec 24 and 25

40.00 det a temporary 1/4 Sec Cor

80.10 Intersect ~~the~~ E bay 7 line S

of Cor to Sec 19, 24, 25 and 30
 Thence S run "

S 89° 58' N on a true line
 bet Sec 24 and 25

Level

Open Park - Scattering Cedar
 and Pinon

40.05 det a limestone 24 X 14 X 6 ins

20 ins in ground for 1/4 Sec Cor

bet Sec 24 and 25 marked
 1/4 S on N face, from which

Submeridian T 28. N R 4 E Contd
chains

A Pinon 10 ins dia tra S 42° 30' E

260 lbs and marked 1/4 S 25° W.

No other trees in limits

60.00 Enter dense Cedar, Pinon and Pine
and ascend abruptly.

70.25 Descend over lime ledge

80.10 The cr to Secs 23, 24, 25 and
26.

Soil 3' Rate

Formation Volcanic Lime

Character Mountainous

60.00 lbs open Park

22.70 lbs Heavy Timber dense Brush

82.70 lbs Mountainous character

No 1' W bet Secs 23 and 24

Descend abruptly - Rocky
dense Cedar, Pinon and Pine

2.00 Descend gradually and
Enter open draw

Submissions P 2 & A 4 E Carter

chains

- 4.50 Cross Noypi road and trail
 N 6 and W 4 cord
 Cross draw or W 4
- 7.00 Enter dense Cedar and Pinon and
 Ascend gradually.
- 10.00 Ascend abruptly
- 15.00 Level and
 Enter dense burnt cedar and
 Pinon remaining and fallen
- 31.00 Enter live cedar and Pinon ^{and} Pine
- 40.00 Hit a limestone 26 X 11 X 8 ins
 20 ins in ground for 1/4 Sec Cor bet
 Sec 23 and 24 marked 1/4 A
 on W face, from which
 A Pine 20 ins dia bet N 14° 15' E
 82 lbs dia marked 1/4 S 24 D. I.
 A Pine 30 ins dia bet A 33° 15' W
 53 lbs dia marked 1/4 S 23 D. I.
 Level
- 64.00 ascend gently

Subdivision T 28 N R 4 E Contd
 erains

68.00 Level and Rocky

71.00 Descend abruptly - Rocky and
 Entire open draw or dry and

74.00 Descend gradually

80.00 Set a limestone 16 X 15 X 10 ins
 18 ins in ground for cor of Secs
 13, 14, 23 and 24 marked with
 3 grooves on S and 1 on E edges
 from which

A Pine 8 ins dia br N 58° 30' E
 181 lbs dirt marked

T 28 N R 4 E S 13 B. 1.

A Pinon 10 ins dia br S 29° 15' E
 150 lbs dirt marked

T 28 N R 4 E S 24 B. 1.

No other trees of size in limit
 Soil 4^B Rati

Formation Volcanic Lime

Character Mountainous

14.00 ch open ground

Subdivision T 28 N R 4 E Cont'd
chain

70.66 chs Heavy Timber dense Brush

84.66 chs Mountainous character

N 89° 58' E on a random line
bet Secs 13 and 24

40.00 bet a temporary 1/4 Sec Cor

80.00 Intersect E bdy at Cor to Secs
13, 18, 19, and 24

Thence 2 run

S 89° 58' N on a true line
bet Secs 13 and 24

Descend gradually
dense Cedar and Pine

2.00 Cross draw er S^{ly} and
Ascend gradually

5.00 Descend gradually

17.00 Open draw er S^{ly}

17.50 Cross road bet N and S^{ly}

22.00 Enter dense Cedar, Pine and Pine
Ascend gradually.

Subdivision T 28 N R 4 E Contn
chain

40.00 Set a sandstone 20 X 12 X 4 ins
 15 ins in ground. for 1/4 Sec Cor
 bet Sec 13 and 24 marked
 1/4 I on N face, from which
 a Pine 12 ins dia br N 51° W
 37 lbs dist marked 1/4 I 13 D. I.
 A Pinon 8 ins dia br S 90° 45' W
 16 lbs dist marked 1/4 I 24 D. I.
 Level

41.00 Ascend gradually

46.00 Level

48.00 Descend gradually

76.00 Descend rapidly

80.00 The Cor to Sec 13, 14, 23 and 24

Soil 4th Rate

Formation Volcanic Lime

Character Mountainous

5.00 ch open ground

75.53 ch Heavy Timber ^{Some} ^{Perms}

80.53 ch Mountainous character

Subdivision T 28 N R 4 E Cont'd

chain

No. 1 9th bet Secs 13 and 14

Ascend gradually along E side
of draw

Leave Cedar Point and Pine

9.50 Cross trail br N E S W^{ly} and
cross draw cr S W^{ly}.

Ascend rapidly

17.00 Level and along line break

28.00 Descend rapidly

34.00 Cross wash cr S E^{ly} and
Pine cr N and S^{ly} and

Ascend rapidly

39.50 Ascend gradually - Rocky

40.00 Hit a limestone 16 X 12 X 6 ins

11 ins in ground fr 1/4 Sec C⁹

bet Secs 13 and 14 marked

1/4 S on N face, from which

A Pine 7 ins dia br N 83° 45' E

20 ft dist marked 1/4 S 13 B.T.

A Pine 15 ins dia br S 39° W

Subdivisions T 28 N R 4 E Cont'd
chains160 lks dist marked $\frac{1}{4}$ S 14 B. T.

Acacia gradually - Rocky

43.00 Level

66.75 Cross hole lks E and W by

80.00 Set a Pin Post 3 ft long 4

ins sq. 24 ins in ground for Cor
of Secs 11, 12, 13 and 14 marked

T 28 N S 12 on N. E.

R 4 E S 13 on S. E.

S 14 on S W end

S 11 on N W face with

4 notches on S and 1 on E

edges, from which

A Pine 16 ins dia lks N $16^{\circ}30' W$

121 lks dist marked

T 28 N R 4 E S 11 B. T.

A Pine 16 ins dia lks S $69^{\circ}15' E$

83 lks dist marked

T 28 N R 4 E S 13 B. T.

A Pinon 14 ins dia lks N $81^{\circ}15' E$

Ammonites T 28 N R 4 E Cont'd

chains

30 lks dist marked

T 28 N R 4 E S 12 B. T.

A Pine 14 in dia br S 18° 30' W

80 lks dist marked

T 28 N R 4 E S 14 B. T.

Soil 4th rate

Formation Volcanic Zone

Character Mountainous

84.84 lks Heavy timber dense brush

84.84 lks Mountainous character

N 89° 58' E on a random line
bet Secs 12 and 13

40.00 Set a temporary 1/4 Sec Cor

80.00 Intersect E by 2 lks S of
Cor to Secs 7, 12, 13 and 18

Thence I run

S 89° 57' W on a true line
bet Secs 12 and 13

'Pacing ground

Subdivision T 28 N R 4 E Cont'd
chains

- 10.00 Descend gradually
- 20.00 Descend rapidly
- 21.50 Cross wash cr D^{ly}
- 22.00 Cross trail cr D^{ly}, very
bank about 2 1/2 chs N.
- 26.00 A log house about 2 1/2 chs S.
and descend gradually
- 31.25 Cross trail tra N and D^{ly} and
ascend gradually
- 40.00 Set a limestone 15 x 12 x 6 ins
10 ins in ground for 1/4 sec cor
bet sec 12 and 13 marked
1/4 S on N face; from which
a Pine 24 ins dia tra N 48° 15' W
92 the dist marked 1/4 S 12 03 P.
A Pine 24 ins dia tra S 18° 30' W
46 the dist marked 1/4 S 13 03 P.
Ascend gradually
- 50.00 Level

Subdivision 1 28 N R 4 E Cont'd

chains

56.00 nearly level - across gradually

80.00 The Cor to Sec 11, 12, 13 and 14

Soil 4th Rate

Formation Volcanic Fine

Character Mountainous

81.38 chs Heavy Timber Dense Brush

81.38 chs Mountainous Character

N 00' N Mt Sec 11 and 12

Level

Heavy Pines

10.00 across gradually

30.00 Cross draw cr S W 4 and

across gradually

40.00 Set a limestone 22 x 16 x 8 ins

15 ins in ground for 1/4 Sec Cor

bet Sec 11 and 12 marked

1/4 S on N face, from which

a Pine 20 ins in dia N 44° E

23 chs set marked 1/4 S 12 B.T.

Subdivisions T 28 N R 4 E Cont'd
chains

To

80.00

A Pine 18 ins dia br N 64° W
104 lbs dia marked 1/4 S 11 B. T.

Ascend gradually - nearly level

Went Cedar Pinon and Pines

Set a limestone 24x15x6 ins

18 ins in ground for cor of sec

1, 2, 11 and 12 marked with

5 grooves on S and 1 on E
edges; from which

A Pinon 10 ins dia br N 62° W

32 lbs dia marked

T 28 N R 4 E S 11 B. T.

A Pinon 8 ins dia br N 49° 30' W

29 lbs dia marked

T 28 N R 4 E S 2 B. T.

A Pine 8 ins dia br N 51° E

142 lbs dia marked

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

A Pinon 10 ins dia br N 25° 30' E

50 lbs dia marked

Subdivision T28N R4 E

chs	T. 28 N. R 4 E S 12 B. T.
	Soil 3 rd rate
	Formation volcanic lime
	Character mountainous
	83.80 chs heavy timber dense brush
	83.80 chs mountainous character
	<hr/>
	N. 89° 3' 7" E on a random line
	hit secs 1 and 12
40.00	Set temp. 1/4 sec. cor
80.00	Intersect E. bdy at cor to
	secs 1, 6, 7 and 12
	Thence I run
	S 89° 3' 7" W on true line
	hit secs 1 and 12
	Dense cedar, Piñon, Pine
	and Buck Brush
	Level - Descending gently
16.00	Ascend gradually
25.00	Descend gradually Rocky

Subdivisions T8N R4E

40.00

Set a limestone 30x20x20 ins
24 ins in ground for $\frac{1}{4}$ sec cor
bet sec 1 and 12 marked
 $\frac{1}{4}$ S on N. face, from which
a Piñon 18 ins diam brs
N $10^{\circ} 30'$ W 49 lks dist marked
 $\frac{1}{4}$ S 1 B.T.

A Pine 24 ins diam brs
S $61^{\circ} 30'$ E 67 lks dist marked
 $\frac{1}{4}$ S 12 B.T.

42.50

Cross road brs N. W. and S. E. ¹¹/₇

Ascend gradually

60.00

Level

65.00

Descend gradually

77.00

Level

80.00

The cor of sec 1, 2, 11 and 12

Soil 4th rate

Formation Volcanic

Line

Character mountainous

Subdivisions T 28 N R 4 E

81.16 chs Heavy timber Dense brush

81.16 chs Mountainous character

Sept 24th at 12 M. l. m. t.
 I set off $0^{\circ}31'$ S on decl arc
 and find the lat to be $35^{\circ}48'N$
 at 1 h l. m. t. with lat arc
 at $35^{\circ}48'N$ and decl arc at
 $0^{\circ}31'S$ I determine the true
 meridian with the solar
 at the courts sec 1, 2, 11th & 12.

Thence I run

$N 0^{\circ}1'$ W on true line bet
 secs 1 and 2

Descend gradually and enter
 dense cedar and Pinon

20.00 Level Road bet S.E. & N.W.

28.00 Ascend gradually, heavy pines, &

40.00 Set a limestone $18 \times 12 \times 7$ ins
 12 ins in ground for $\frac{1}{4}$ sec. cor

Subdivision T 28 N. R 4 E

cls

bet. secs 1 and 2 marked
 1/4 S on W face, from which
 a Pine 16 in diam brs
 N. 68° E. 36 lks dist. marked
 1/4 S. 1 B. Y.

a Pine 17 in diam brs S.
 5-3' 15" W 20 lks dist marked
 1/4 S. 2 B. Y.

46.00

Descend gradually
 heavy pines

49.75-

Cross road brs N. W. and S. E. by

51.00

Open draw, course S. E. by

67.00

Enter heavy pines

80.00

Intersect 7th Standard
 Parallel North 8.32 chs W of
 S. C. to secs 35 and 36 T 29 N.
 R 4 E which is a stone
 firmly set in the ground
 and witnessed as described
 by the Surveyor General

Subdivision T 28 N R 4 E

chs

At 8.32 chs W of cor to sec
 35 and 36 Sit a limestone
 24 x 16 x 8 ins 18 ins in the ground
 foreclosing corner to sec 1 and 2
 mark one groove on E and 5 on
 W. face, from which
 a Piñon 7 ins diameter S.
 63° 15' E 20 lks dist, marked
 T. 28 N. R. 4 E. S. 1 B. T.

a Piñon 14 ins diameter
 S. 67° 30' W 21 lks dist marked.
 T. 28 N. R. 4 E. S. 2 B. Y.

Soil 4th rate

Formation volcanic Lime

Character mountainous

81.16 chs heavy timber

Dense Brush

81.16 chs Mountainous
 in character

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Subdivision T 28 N R 4 E

cls

N 0° 1' W bet sec 34 and 35 -
 Nearly level - ascend gently
 Dense Cedar and Pinon

40.00

Set a limestone 16 x 10 x 5 ins
 11 ins in ground for $\frac{1}{4}$ sec. cor
 bet sec 34 and 35 - marked
 $\frac{1}{4}$ S on W face, from which
 A Pinon 9 ins dia brs S 38° 30' E
 9 lks dist marked $\frac{1}{4}$ S. 35 B.T.

A Pinon 9 ins dia brs S 66° W
 39 lks dist marked $\frac{1}{4}$ S 34 B.T.

Ascend gently

65.00

Level

75.00

Descend gradually

80.00

Set a limestone 17 x 14 x 8 ins
 12 ins in ground for cor of
 sec 26, 27, 34 & 35, marked
 with 1 groove on S. and 2
 on E. edges, from which
 A Pinon 9 ins dia brs S. 47° 45' W

Subdivision T28N R4E

chs

65-cks dist. marked

T28N. R4E S34 B.T.

a Pinon-Tinodia brs S59°30'E

51-cks dist marked

T28N. R4E S35 B.T.

a Pinon-Tinodia brs N87°

15'E, 85-cks dist marked

T28N. R4E S26 B.T.

a Pinon-Tinodia brs N45°15'W

26-cks dist marked

T28N R4E S27 B.T.

Soil 3rd rate

Formation Volcanic Lime

Character mountainous

82.75 chs Heavy timber Dense brush

82.75 chs Mountainous character

N. 89°5'8"E on a random line

bet secs 26 and 35

40.00

Sub-tmp 1/4 sec. cov.

Subdivision T28 N. R 4 E

the

- 80.16 Intersect N. and S. line 10 lks
N. of cor to aces 25, 26, 33rd and 36
Thence I run
N. 89° 5' 8" W on true line
bet aces 26 and 35-
Dense cedar and Pinon
Ascend gradually
- 3.00 Descend gently Rocky
- 29.00 Ascend gently
- 40.08 Set a limestone 18x8x6 ins
12 ins in ground for 1/4 ace cor
bet aces 26 and 35- marked
1/4 S. on N. face, from which
a Cedar 10 ins dia br N. 73° E
39 lks dist marked 1/4 S. 26 B. T.
a Pinon 7 ins dia br S 54° W
39 lks dist marked 1/4 S 35 B. T.
Ascend gently Rocky
- 43.00 Level
- 55.00 Descend gradually

Subdivision T28N.R4E

chs

61.00

Ascend gradually

69.00

Descend gradually

80.16

The cov of secs 26, 27, 34th and 35th
Soil 4th rate

Formation Volcanic Lime

Character mountainous

80.94 chs Heavy timber Dense brush

80.94 chs Mountainous character

Sept 25th at 7 A.M. but I set
off 36' N on lat arc and 0' 26' S
on decl arc and determinetrue meridian with solar
at cov to secs 26, 27, 34th and 35th

Thence I run

N. 0° 1' W. bet. secs 26th and 27th

Dense cedar and Pinon

Descend gradually. Rocky

8.00

Level and along W by

Rocky slopes

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Subdivision T 28 N. R. 4 E.

- chs
 23.00 Descend gradually Rocky
 40.00 Set a limestone 15x10x4 ins
 10 ins in ground for $\frac{1}{4}$ sec. cor.
 bet secs 26²⁴ & 27 marked
 $\frac{1}{4}$ S. on W. face, and
 Descend gently, from
 which,
 A Pinon 6 ins diameter $54^{\circ}15'24''$
 24 lks dist marked $\frac{1}{4}$ S. 27 B. T
 A Pinon 10 ins dia brs $89^{\circ} E$
 34 lks dist marked $\frac{1}{4}$ S 26 B. T.
 Descend gently
 57.00 Open park and
 Descend gently
 68.00 Descend gradually over
 rolling ground
 Enter dense cedar and Pinon
 80.00 Set limestone 18x12x6 ins
 12 ins in ground for cor. to
 secs. 22, 23, 26 and 27

Subdivision T28N, R4E

cls

marked with 2 grooves on
S. and E. edges; from which
a Pinon 20 ins dia brs N. 69° E
87 lks dist marked

T28N, R4E S 23 B. T.

a Pinon 14 ins dia brs
N. 8° 30' W, 97 lks dist, marked

T28N R4E S 22 B. T.

a Pinon 18 ins dia brs S 15° 30' W
169 lks dist marked

T28N R4E S 27 B. T.

a Pinon 8 ins dia brs
S 61° 45' E 138 lks dist marked

T28N, R. 4 E. S. 26 B. T.

Soil 4th Rate

Formation Volcanic Lime
Character mountainous

1100chs Open park

7449chs Heavy timber Dense brush

85:49chs Mountainous character

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Subdivision 9289 R4E

chs

- 1895-8'E on random line
 bet secs 23 and 26
 40.00 Set temp 1/4 sec. cor.
 80.16 Intersect N. and S line 3-1/2
 S of cor to secs 23, 24, 25 + 26
 Thence Iron
 It on true line bet secs
 23 and 26.
 Descend rapidly
 Dense cedar and Piñon
 2.00 Open Park - level
 22.00 Ascend gradually Rocky
 Dense Cedar and Piñon burnt
 standing and fallen
 26.00 Descend rapidly
 28.00 Descend gradually
 40.00 Set a limestone 16x9x5 ins
 10 ins in ground for 1/4 sec. cor.
 bet secs 23 and 26 marked
 1/4 S. on N. face and raise

Subdivisions T26 N R4 E Contd
chains

a mound of stone 2 ft base
1 1/2 ft high N of Cor. Pits
impracticable

41.00 Ascend rapidly. Rocky

44.00 Level - Rocky

5 1/4, 00 Descend abruptly - Rocky

56.00 Level - Rocky

65.00 Ascend abruptly - Rocky

67.00 Some cedar and Pinon -
Level

80.16 The Cor to Secs 22, 23, 26 ^{sq}
27

Soil 4th Rate

Formation Volcanic Gneiss

Character Mountainous

20.00 chs Open ground

60.16 chs Heavy timber and some brush

80.16 chs Mountainous character

Subdivision T 28 N R 4 E Contn
chains

- N 0'1' W. bet Sec 22nd & 23rd
 Descend gradually. Rocky
 dense Cedar and Pinon
- 5.00 Cross Moggi road tra E and N^{ly}
 and cross wash cr N^{ly} and
 Ascend rapidly
- 13.00 Ascend gently
- 40.00 Set a limestone 16 X 12 X 5 ins
 11 ins in ground for 1/4 Sec Cor
 bet Sec 22 and 23 marked
 1/4 S on N face, from which
 N Pine 20 ins dia tra N 79°45'
 E 73 lks unmarked 1/4 S 23 B.P.
 A Pinon 16 ins dia tra N 82°15' W
 219 lks unmarked 1/4 S 22 B.P.
 Ascend gently
- 63.00 dense cedar and pinon, burnt
 standing and fallen, Rocky
 Ascend gently
- 72.00 Level

Submersive T 28 N R 4 E Cont'd

chains

80.00 Set a limestone 16 X 14 X 8 ins 10
ins in ground for Cor to Sec 14,
15, 22 and 23 marked with 3 notches
on S and 2 on E edge, from which
a Pinon 8 ins dia br N 32° E 185 lbs
dit marked

T 28 N R 4 E S 14 R 1.

A Pinon 10 ins dia br S 19° E 238
lbs dit marked

T 28 N R 4 E S 23 R 1

A Pinon 10 ins dia br S 23° 30' W
220 lbs dit marked

T 28 N R 4 E S 22 R 1.

A Cedar 8 ins dia br N 10° W
168 lbs dit marked

T 28 N R 4 E S 16 R 1.

Soil 4th Rate - Formation Volcanic Lime
Character Mountainous

91.03 lbs Heavy Timber & Pine Bark

91.03 lbs Mountainous character

Submeridian T. 28 N R 4 E Cont'd
chains

E on a random line bet
Secs 14 and 23

40.00 Set a temporary 1/4 Sec Cor

79.94 Intersect N and S line of Sec

S of Cor at Secs 13, 14, 23 and 24

Thence 2 run

S 89° 58' N on a true line
bet Secs 14 and 23

Land Cedar, Pinon and Pine
Ascend abruptly

6.00 Descend gradually - Rocky

15.50 Open draw cr S of and
Descend gently

26.15 Crossroad bet N and S of

27.00 Leave open draw and
Ascend gradually

35.00 Ascend gently, and enter
Decid Cedar and Pinon

38.50 Ascend gently

39.97 Set a limestone 18 x 12 x 6 ins

Subdivisions T 28 N R 4 E Cont'd
chains

12 ins in ground for 1/4 Sec Cor bet
Sec 14 and 23 marked 1/4 S
on N face, from which
A Pinon 8 in dia br N 44° 30' W
126 lbs dia marked 1/4 S 14 B T.
A Pinon 10 ins dia br S 33° 30' W
26 lbs dia marked 1/4 S 23 B T.

Vegetation mostly Rocky
dense cedar and Pinon fire
swept, standing and fallen

79.94 The Cor to Sec 14, 15, 22
and 23

Soil 4th Rate

Formation Valcouic Fine

Character Mountainous

11.50 cha open ground

69.46 cha Heavy timber dense brush

87.46 cha Mountainous Character

Subdivision T 28 N R 4 E Cont'd
chains

100' W. bet Secs 14 and 15
Level

- Large Cedar and ^{burnt} ~~Prison~~ partially
5.00 Descend gently - Rocky
8.00 Ascend gradually
14.00 Large Live Cedar and ~~Prison~~
20.00 Ascend gently
40.00 Set a limestone 30 X 16 X 8 ins
24 ins in ground for $\frac{1}{4}$ Sec Cor
bet Secs 14 and 15 marked
 $\frac{1}{4}$ S on W face, from which
A cedar 8 ins dia on N $79^{\circ}45'$ E
HH the dist marked $\frac{1}{4}$ S 14 P. I.
A ~~Prison~~ 8 ins dia on S $53^{\circ}30'$ W
27 the dist marked $\frac{1}{4}$ S 16 P. I.
Ascend gently - Rocky
80.00 Set a limestone 16 X 10 X 5 ins
10 ins in ground for Cor of Secs
10, 11, 14 and 15 marked
4 grooves on S and 2 on E edges,

Subdivision T 28 N R 4 E Cont'd

chains

from which

A Pmon 5 in dia tra N 54° W
 68 lks dist marked

T 28 N R 4 E S 10 W. 1,

A Pmon 8 in dia tra^{lvs} N 26° 45' E
 27 lks dist marked

T 28 N R 4 E S 11 W. 1,

A Pmon 9 in dia tra S 2° 45' E
 34 lks dist marked

T 28 N R 4 E S 14 W. 1,

A Pmon 5 in dia tra S 55° 45' W
 42 lks dist marked

T 28 N R 4 E S 15 W. 1,

Soil 4 Rate

Formation Valcosmic Fine

Character Mountainous

S 2.42 Cha Ideany Timber dense brush

S 2.42 Cha Mountainous character

387

40 BOOK 557

Submeridian T 28 N R 4 E Contey
chains

N 89° 58' E bet. Secs 11 and
14 on a random line

40.00 Set a temporary 1/4 Sec cor

80.00 Intersect N and S line at
Cor A Secs 11, 12, 13 and 14
Thence S run

S 89° 58' W on a true line
bet Secs 11 and 14.

Nearly level

Passes Cedar Pines and Pine

12.00 Descend rapidly

15.25 Cross draw cr S^{ly} and
ascend rapidly - Rocky

18.00 Descend gently - Rocky

25.00 Descend rapidly - Rocky

28.00 Cross wash cr S^{ly} and
ascend abruptly over lime ledge

29.40 Descend gradually

39.75 Cross road bet N and S^{ly}

40.00 Set a limestone 13" X 13" X 6 in

Subdivision T 28 N R 4 E Cont'd
chains

¹⁰
7 ins in ground for $\frac{1}{4}$ Sec Cor
bet Secs 11 and 14 marked
 $\frac{1}{4}$ S on N face, from which
a Pine 26 ms via tra N $52^{\circ}15'$ E
70 lbs dist marked $\frac{1}{4}$ S 11 B 1.
a Pine 18 ms via tra S $60^{\circ}30'$ W
83 lbs dist marked $\frac{1}{4}$ S 14 B 1.
Descent gradually

43.00 Ascent gradually

57.00 Enter cedar and Pine, burnt and
live, standing and fallen

61.00 Descent gently

71.00 Ascent gently

80.00 The Cor A Secs 10, 11, 14 and 15
Soil H¹⁵ Rate

Formation Volcanic Lime
Character Mountainous

81.53 chs Heavy Timber Wood Creek

81.53 chs Mountainous character

Submeridian T 28 N R 4 E Cont'd
chains

Sept 26 at 7 a.m. L.M. & I set off
35°47' N on lat arc and 1°10' D
on decl arc and determined
the true meridian with the solar
at Cor of Secs 10, 11, 14 and 15
Thence I run

N 0°1' W bet Secs 10 and 11
Ascend gently - Rocky - Heavy level
Sense Cedar and Pinon

43.00 Descend gradually - Rocky

33.00 Descend rapidly over lime ledge

37.00 Descend gently and

Enter Heavy Pinus - Leave Cedar and Pinon

40.00 Set a limestone 17x12x7 ins

11 ins in ground for 1/4 sec Cor

bet Secs 10 and 11 marked

1/4 S on N face; from which

A Pine 22 ins dia br N 37°30' W

51 lbs dia marked 1/4 S 10 S.B.P.

A Pine 16 ins dia br S 12° E

Substratum T 28 N R 4 E Cont'd
chains

190 lbs distmarked $\frac{1}{4}$ S 11 B.T.

Ascend gradually

48.00 Open draw or S E $\frac{1}{4}$

58.00 Enter heavy Pines and
Ascend gently

74.50 Cross wagon road br E and N $\frac{1}{4}$
ascend gently

80.00 Hit a limestone 22 x 14 x 6 ins
16 ins in ground for Ar of Sec
2, 3, 10 and 11 marked with
5 notches on S and 2 on E
Edges; from which

A Pine 20 ins dia br N 54° E
150 lbs distmarked

T 28 N R 4 E S 2 B.T.

A Pine 14 ins dia br N 24° 45' W
131 lbs distmarked

T 28 N R 4 E S 3 B.T.

A Pine 9 ins dia br S 54° 45' N
215 lbs distmarked

Subdivision T 25 N R 4 E Cont'd
cham

T 25 N R 4 E S 10 B.T.

A Pine 24 in dia br S 23° E

219 lbs dia marked

T 25 N R 4 E S 11 B.T.

Soil $\frac{1}{2}$ rate

Formation Volcanic Fine
character Mountainous

10.00 chs open ground

79.56 chs Heavy Timber dense brush

89.56 chs Mountainous character

N 89° 58' E on a random line
bet Sec 2 and 11

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

79.90 Intersect N and S line 2 lbs
S of Cor to Sec 1, 2, 11 and 12

Thence S run

S 89° 57' W on a true line
bet Sec 2 and 11

Level and Rocky-Rolling ground

Measurements T 28 N R 4 E Section
chains

Lowest Cedar, Pomm and Heavy Pines

- 39.95 Set a limestone 26 X 7 X 6 ins
20 ins in ground for 1/4 Sec Cor
bet Sec 2 and 11 marked
1/4 S on N face. from which
A Pine 10 ins dia br N 46° 45' W
67 lbs dirt marked 1/4 S 2 B.T.
A Pine 26 ins dia br S 22° 15' W
111 lbs dirt marked 1/4 S 11 B.T.

57.00 Crossroad br N and S by and
Level - Rolling ground - Rocky

70.00 descend gently

79.00 Level

79.90 The air to Sec 2, 3, 10 and 11

Soil 4 Rate

Formation Volcanic Lime

Character Mountainous

81.68 etc Heavy Timber Dense Brush

81.68 etc Mountainous Character

Subdivisions T. 28 N. R. 4 E.

- N. $0^{\circ}1'W$ on a true line
bet. secs. 2nd & 3 through heavy
timber and dense brush, ascend
40.00 Set a limestone 16 x 9 x 6
ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. bet. secs. 2 + 3
marked $\frac{1}{4}$ S. on W. face
from which
a pinon 5 ins. diam. brs.
N. $74^{\circ}30'E$. 31 lks. dist. marked $\frac{1}{4}$
S. 2 B.T.
a pinon 6 ins. diam. brs. N. $41^{\circ}45'$
W. 25 lks. dist. marked $\frac{1}{4}$ S. 3 B.T.
ascend gently and scattering
Pines, Pinons and Cedars.
68.00 ascend gradually, rocky
dense cedar and pinons.
80.00 Intersect 7th Standard Parallel
north 8.32 Chs. W. of the cor.
to secs. 34nd & 35th T. 29 N. R. 4 E.

subdivisions T. 28 N. R. 4 E.

which is a stone firmly set
in the ground and witnessed
as described by the Surveyor
General.

I set a limestone 15x10x6 ins.
10 ins. in the ground for C. C.
to secs. 2nd and 3, marked C. C. on
S. with 2 grooves on E and
4 on W. face, from which
a pinon 10 ins. diam. brs. S.
43° 30' W. 55 lks. dist. marked
T. 28 N. R. 4 E. S. 3 B. T.

a pinon 9 ins. diam. brs. S. 10°
30' E. 40 lks. dist. marked
T. 28 N. R. 4 E. S. 2 B. T.

Soil 4th rate

Formation Volcanic
lime

Character mountainous

395

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BOOK 557

Submeris T 28 N R 4 E Contd
chains

81.51 chs Heavy Timber Louse Run

81.51 chs Mountainous character

8.32 chs Connecting line

—————
"—————
No 2' N bet Sec 33 and 34

Acacia gently

Louse Cedar and Pinon

40.00 Set a line stone 16 x 10 x 6 in

10 in in ground for 1/4 sec cor

bet Sec 33 and 34 marked

1/4 d on N face, from which

a Pinon 7 in dia br $\Delta 72^{\circ} 15' W$

29 lbs dia marked 1/4 d 83 d. i.

a Pinon 7 in dia br $\Delta 23^{\circ} E$

39 lbs dia marked 1/4 d 84 d. i.

Rocky - Acacia gently

65.00 Level - Rocky

70.00 Acacia gently

73.00 Acacia rapidly

76.00 Cross draw cr N^g

Dyablosaurus T 28 N R 4 E Cont'd
chains

80.00 A 1/2 lb limestone 18x14x8 ins

12 ins in ground for Cor of Secs
27, 28, 33 and 34 marked with
1 groove on S and 3 on E Edges
from which

A Pinn 6 ins dia tra S 24°15' N
37 lbs dia marked

T 28 N R 4 E S 33 B. I.
A Pinn 5 ins dia tra N 86°15' W
54 lbs dia marked

T 28 N R 4 E S 28 B. I.
A Pinn 10 ins dia tra N 9°45' E
26 lbs dia marked

T 28 N R 4 E S 27 B. I.
A Pinn 14 ins dia tra S 57°45' E
8 lbs dia marked

T 28 N R 4 E S 34 B. I.
Soil 4 1/2 Rate

Formation Volcanic Lime
Character Mountainous

397

50

Submeridian T 25 N R 4 E Cont'd
chains

81.93 chs Heavy Timber dense brush

81.93 chs Mountainous character

N 89° 55' E on a random line
bet Secs 27 and 34

40.00 Set a temporary 1/4 Sec Cor

80.14 Intersect N end of line 5 chs

N of Cor to Secs 26, 27, 34 and 35

Thence E run

It on a true line bet Secs
27 and 34

dense cedar and Pinon

descend gradually

3.00 Ascend gently - Rolling ground

21.00 Level

31.00 descend gently

40.07 Set a limestone 16 x 10 x 8 ins

11 ins in ground for 1/4 Sec Cor

bet Secs 27 and 34 marked

1/4 S on N face, from which

Subdivisions T. 28 N. R. 4 E cont'd

chs
 A. Piñon 6 ins diam bre
 N. $72^{\circ}30'$ W. 29 lks. dist marked
 $\frac{1}{4}$ S. 27 B. Y.

A cedar 8 ins diam bre
 S $10^{\circ}30'$ E 12 lks dist mark.
 ed $\frac{1}{4}$ S. 4 B. Y.

Descend gently. Rocky
 over

Rolling ground

80.14 The cov to secs 27, 28,
 33 and 34

Soil 4th rate

Formation Volcanic Line

Character mountainous

80.55 chs Heavy timber

Dense brush.

80.55 chs Mountainous
 in character

Subdivisions T. 28 N. R. 4 E.

do

Sept 27, at 7 A.M. l. m. t.
I set off $35^{\circ}45'$ N on lat arc
and $1^{\circ}33'$ S on decl arc
and determine the true
meridian with the solar
at the cor to secs 27, 28,
33 and 34:

Thence I run

N. 2' W. bet. sec. 27 and 28.

Descend gradually
along rolling N. W. slopes.
Dense Cedar and Piñon

24.00 Open park and

Descend gently

40.00 Set a limestone $20 \times 8 \times 6$ ins
14 ins in ground, for $\frac{1}{4}$ sec cor
bet sec 27 and 28 marked
 $\frac{1}{4}$ S. on W. face, from which
a Piñon 5 ins diam
hrs N. $70^{\circ}30'$ W. 12 lbs dist.

Continued, Book 558.

Concluded, Book 559.