1253

BOOK 1253

P-1

FIELD NOTES

OF A PORTION OF THE EXTERIOR LINES OF

Townships 21, 22, 23 & 24 North, Ranges 18, 19, 20, & 21 East.

Gila and Salt River Base and Meridian,

ARIZONA.

By A. P. Johnson, D. S., under Contract dated August 5, 1882. Survey commenced Jan. 15, 1883. Survey completed Feby. 3, 1883.

Index 1253 East Bdy. T 23N; P. 21 E. " 24" " " 77/3 11 2211 11 21 11 19 21 " " 11 " 11 " " 20 "32+39 " tw 11 11 22 " 11 2/3 11 11 " 1/ 24 " " " 69 19 " 75+82 11 211 " 11 +11 181188 " " " 11 11 19 11 11 " 22 " N+W 11 181107 11 11 11 11 11. 11 191114 23 " 11+W 11 1 18 11/26 11 11 11 1/ 11 11 19 11/33 24 11 W 11 69

Va. 140 J Bast.

13

E. B.T. 23 N R. 21 E. G. & S. R. M. No. 1253

Chains.

Refore proceeding farther with the exteriors of this Tp., I made a change of 6 Nanutes in the latitude are of my solar deinpuss by subtracting same from the reading proviously given, and at noon verying and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 22 & 23 N. Rs. 21 & 22

From the Cor. to Tps. 22 & 23 N. Rs. 21 & 22 6. which is a lava stone, 14 × 10 × 3 wio, set firmly in the ground, marked with 6 notetus on each eage; with poito 24 × 18 × 12 mis. long thringe on each line, U., E. 4 and W. of stone, 6 ft. diet, and a mound of earth 21/2 ft. high, 5 ft. base along side, I men.

North on a true line between sections 31 4 m 36.

Over level land

to so Sot a Samstone 20 x 12 x 8 ins., 18—
ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) on \(2\).

face, dug pits, 18 x 18 x 12 ins., \(2\) and \(3\) of stone
\(6\) ft. dist., and raised a mound of earth 1\(\frac{1}{2}\) ft. high
\(3\) ft. base. alongside

138 BOOK 1250 0 0 0 0 1 1 0 0 0 0 0 R. 15 & 10 10 18 17 \$\frac{1}{15}\$ \ \frac{15}{6}\$ \ \frac{15}{6}\$ \ \frac{15}{6}\$ \ \frac{1}{17}\$ \ \frac{15}{17}\$ \ \frac{17}{17}\$ \ \frac{1 109 110 111 112 113 106 105 104 103 102 101 56 55 54 53 52 51 19 20 21 22 23 24 100 \$ 100 29 28 27 26 25 20 29 28 27 26 25 30 29 28 27 36 25 30 20 28 27 26 25 37 32 33 4 54 35 36 31 32 33 6 84 35 36 31 32 39 34 35 36 21 20 20 27 28 25 30 29 29 27 28 25 30 28 28 27 28 37

For preliminary outles and description of instrument losed on book 1/4/

6. 3. T. 23 N. R. 21 E. G. & S. R. M.

Chains. 80.00 Set a Vand stone 20 x /3 x 3 ins. /5 ins. in the ground for Cor. to Secs. 25, 30, 31 and 36 marked with / notch on S. and I notches on Medges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land level. Soil 3 m Vegetation bunchquaes and Dagebnow. North on a true line between sections 25 and 80 Va. 14000 East. Over level land Sand stone 14 x 12x 8 ins., 9 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., M. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside Leave Valley, bears ZI. W. En S. C. Sand stone /4 x /2 x 8 ins. 9 ins. in 80.00 Set a the ground for Cor. to Secs. 19, 24, 25 ando, marked with 2 notch & on S. and 4 notches on By edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside

hains.	
	Land level. and mountainous.
	Soil 3 on rate
	Vegetation, bunch grass and sagesmen.
	North on a true line between sections 19 and 24.
	Va. 140 00 East
	A scend.
7.25	Top of Spur, bears E. W. and descend.
29.00	Enter Valley, bears, E. En W.
40.00	Set a sana stone 20x 10 x 6 ins., 15
	ins. in the ground, for \frac{1}{4} Sec. Cor., marked \frac{1}{4} on \warpi.
10	face, dug pits, 18 x 18 x 12 ins., M. and of . of stone
	5½ ft. dist., and raised a mound of earth 1½ ft. high,
	3½ ft. base. alongside
80.00	Set a lara stone 20 x/0 x 8 ins. 10 ins. in
	the ground for Cor. to Secs. 13, 18, 19 and 24, marked
	with 3 notch zo on S. and 3 notch zo on Medges, dug pits
	18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a
	mound of earth 2 ft. high 4½ ft. base. alongside
	Land mountainous. and tevel.
	Soil 3 on rate
	Vegetation, bunch grass an sagerman

BOOK 1253

E. B. T. 23 N. R. 21 E. G. & S. R. M.

Chains,

80.00

North on a true line between sections 13 was 18. Va. 140 00 East. Over level land Leave Valley, bears 6. 2 2V. and ascend. 40.00 Set a lara stone 20 x /2 x 4 ins., 15 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., Z . and of . of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base. alongside 55.68 Top of Hill bears E. Que W. and descend. lara stone 24x/2x 7 ins. 18 ins. in Set a the ground for Cor. to Secs. 7, 12, 18 2 18, marked with 4 notch & on S. and 2 notch & on Medges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land level, and hilly rate Soil 3 rac Vegetation, Cunchgrass and sagetman.

E. B. T. 23 N. R. 21 E. G. & S. R. M.

Obalas		
Chains.		
THE RESERVE	North on a true line between sections 7 20 12,	
	Va. 140 Vo Ea.	st.
	Over rolling land.	
040.00	Set a lara stone, 4 x > x 5-ins., 9	
	ins. in the ground, for \ Sec. Cor., marked \ on \ W.	
	face, and raised a mound of stone. alongside Pits	
80.00	impracticable. Set a Fand stone 20x 12x p ins. 10 ins.	iya.
13 m	the ground for Cor. to Secs. 1, 6, 7 am 12, marke	rd
	with s notch won S. and / notch on M. edges, dug pi	
	18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised	
	mound of earth 2 ft. high 41 ft. base. alongside	
	Land rolling.	
	Soil 3ml rate	
	Vegetation, bunch grass and sagerman.	
		1
		. 10

6 BOOK 1253 6 B. T. 23 N. R. 21 E. G. & S. R. M.

Chains.

North on a true line between sections 1 and 6. Va. 140 VV East. Over rolling land. Set a Cara stone 14 x 10 x 4 ins. 9 40.00 ins. in the ground, for 1. Sec. Cor; marked 1 on W. face, dug pits, 18 x 18 x 12 ins., M. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside Sand stone 18 \$ /2 \$ 10 ins. 12 ins. in 80.00 Set a the ground, for Cor. to Tps. 23 and 24M R's 21 and 226 ., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 21 ft. high, 5 ft. base. alongside Land rolling. Soil 3m rate Vegetation, bunalgrass

BOOK 1253

E. B. T. 24 N. R. 2/ E. G. & S. R. M.

hains. Before proceeding further with the exteriors of this The. I made a change of 6 / minutes in the atitude are of ny solar conpass by adding same to the reading previously given, and at noon verified and corrected some by observation in the sun. I also further tested instrument by reversing. From the Cor. to Tps. 23 & 24 N. Rs. 21 & 226 North on a true line between sections 31 2 36 Va. 14° 5 g' East. Ascend. 30.00 Top of Spur, bears &. 2 7/ and descend. 000 oo Set a Vand stone 14 x 10 x 6 ins., 9 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., M. and of of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside 80.00 vana stone/4 x 10 x 4 ins. 9 ins. in Set a the ground for Cor. to Secs. 25, 30, 31 % 36, marked with / notch on S. and o notch coon M. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land mountainous.

Vegetation, bunch grass and sagetmen.

3 rate

6. B. T. 24 N R. 21 E. G. & S. R. M.

Chains, North on a true line between sections 25 % 30. Va. 14° 56' East. Descend. 27.00 Enter Valley, bears, U. N. Qua V. E. 40.00 Set a Sand stone Zox 10 x 8 ins., 10 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., M. and of of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base. alongside vandstone/4x/4x8 ins. 9 ins. in 80.00 Set a One ground for Cor. to Secs. 19, 24, 25 an 30, marked with 2 notch son S. and 4 notches on Medges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land level. Soil 3rd rate Vegetation, bunchquass and oagermen.

6. B. T. 24 N R. 21 E. G. & S. R. M.

Chains. North on a true line between sections 19 an 24. Van 14° 58' East. Over level land 27.00 Leave Valley, bears 7. & and of. H. and ascend. 35.00 Top of Spur, bears 7. E. and V. M. and descend. dro,00 Set a lara stone /3 x > x 4 ins., 9 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., Qu. and V. of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 3\ft. base. alongside vanastone zox 9 x 4 ins. 15 ins. in 80.00 Set a The ground for Cor. to Secs. 13, 18, 19 am 24, marked with 3 notch so on S. and 3 notch so on Wedges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land level. and mountainous. Soil 3 rate Vegetation, buneligrass and sageboush.

BOOK 1253 6. B. T. 24 N. R. 21 E. G. & S. R. M. Chains. North on a true line between sections, 13 and 18. Va. 14° 58' Bast. Over rolling land. 40.00 Set a lava stone 14 x 10 x 3 ins., 9 ins. in the ground, for & Sec. Cor., marked & on M. face, dug pits, 18 x 18 x 12 ins., M. and of . of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3\frac{1}{2} ft. base. alongside lara stone // x 7 x 2 ins. 7 ins. in 80.00 the ground for Cor. to Secs. 7, 12, 13 and 18 marked with unotches on S. and 2 notches on H. edges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land rolling. 30d rate Vegetation, Cunchquaso and pageometr

E. B. T. 24 N. R. 21 E. G. & S. R. M.

DUUK 1293

Chains.	A CONTRACTOR OF THE CONTRACTOR
	North on a true line between sections 7 2 12.
	Va. 14.08' East.
	Over rolling land.
27.00	Enter Valley, bears, V. E. and S. M.
40.00	
	ins. in the ground, for \frac{1}{2} Sec. Cor., marked \frac{1}{2} on \widetilde{W}.
	face, dug pits, 18 x 18 x 12 ins., M. and S. of stone
	5½ ft. dist., and raised a mound of earth 1½ ft. high,
	3½ ft. base. alongside
80.00	Set a lara stone/4x 9 x 4 ins. 9 ins. in
	the ground for Cor. to Secs. 1, 6, 7 am 12, marked
	with o notches on S. and / notch on M. edges, dug pits
	18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a
	mound of earth 2 ft. high 4½ ft. base. alongside
	Land level.
	Soil 3 m rate
	Vegetation bunchgrass & oagetmet.
	6.1
	No. of the last of

BOOK 1253 E. B. T. 24 N. R. 2/ E. G. & S. R. M. Chains. North on a true line between sections / En 6. Va. 14°58' East. Over level land Leave Valley, bears 21. E. Lew S. M. and ascend. 19.00 Set a Sand stone 14 x 10 x 4 ins., 9 HO,00 ins. in the ground, for & Sec. Cor., marked & on M.

face, dug pits, 18 x 18 x 12 ins., M. and of of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base, alongside 80. 36 Intersect the 6th Standard Parallel Worth at a

> point 13.00 chs. West of the Standard Cor. ou Sec. 36 . T. 25 U. R. 218 at which point I.

Set a sana stone 20 x /2 x 8 ins. 14 ins. in the ground for Closing Cor. to Tps. 24 U., R's 21 and 22 & ., marked C. C., with 6 notches on S., E. W. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, S. E. & Mof stone 6 ft. dist. and raised a mound of earth, 21 ft. high, 5 ft. base. alongside

Land rolling.

Soil 3 ma rate

Vegetation, bemeligraso and oagetrush.

January 15th 1883

S. B. T. 24 N. R. 21 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 23 & 24 7, Rs. 21 & 226, previously set by me.

I run West. on a random line on 7, B. of Tp.

Va. 14058' East.

I set temporary corners at every half mile, and at 5 miles

previously set by me.

23 & 24U, Rs. 20 & 2/6, from which corner I run

J. 89° J & 'E, on a true line between sections ' 6 & 4!

Va. 14° 58' East.

Over rolling land.

ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) on \(\frac{1}{2}\).

face, and raised a mound of stone. alongside Pits impracticable.

75,51 Set a

Set a lara stone 20 x 9 x 7 ins. In the ground for Cor. to Secs. 5, 6, 31 2, 32, marked with 1 notch on By and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. alongside from which 2 Juniper 16 ins. diam. bears 71. 40° W, 86 lks. dist.

marked T. 244 R. 2/6, S., 3/ B. T.

No other trees within limits. Land mountainous

Soil 3rd rate

Timber of Jumper,

BOOK 1253 1. B. T. 34 N. R. 21 E. G. & S. R. M. chains. Sego & E on a true line between sections of and 32 Va. 140 15 East. Ascend. Set a lara stone/4x/2x 42ns., 9 40.00 ins. in the ground, for & Sec. Cor., marked & on 4. face, dug pits, 18 x 18 x 12 ins., E. and H. of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base. alongside Top of Spur, bears H. a. C. and descend. 45.00 lara stone 24 x /4 x 4 ins. 18 ins. in 80.00 Set a the ground for Cor. to Secs. 4, 5, 32 2 and 33 marked with 2 notches on Mand 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land mountainous. 3 rate Soil Vegetation, Curelyraso and sagesmen. Timber of Jumper.

BOOK 1253

of B. T. 24 N R. 21 E. G. & S. R. M.

Chains. S. 89 5 8 6, on a true line between sections 4 4 33, Va 14° 15 East. Ascend. 30.00 Top of Wountain, boars M. an S. 40.00 Set a lara stone 12 x 7 x 2 ins., 8 ins. in the ground, for & Sec. Cor., marked & on M. face, and raised a mound of stone. alongside impracticable. lara stone 20 x 12 x 6 ins. 15 ins. in 80.00 The ground for Cor. to Secs. 3, 4, 33 an 34, marked with 3 notches on By and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land rolling. gora rate Vegetation buneligrass " a vagebnale

S. B. T. 24 N. R. 21 E. G. & S. R. M.

BOOK 1200

ains. V. 89° 58 6, on a true line between sections 3 and 34. Va. 14° VS East. Over rolling land. Set a lara stone 12x 9 x 4 ins., 8 40.00 ins. in the ground, for & Sec. Cor., marked & on H. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 3\ft. base. alongside lara stone/4 x 9x 8 ins. 9 ins. in 80.00 Set a the ground for Cor. to Secs. 2, 3, 34 % 35 marked with 4 notches on Wand 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised & mound of earth 2 ft. high 41 ft. base. alongside Land rolling. Vegetation bunenguass and Dagerman

o. 3. T. 24 N. R. 21 E. G. & S. R. M.

ains. V.89° V8' 6. on a true line between sections 2 4 80. Va. 140 Jo Bash Over rolling land. lara stone 14 x 9 x 4 ins., 9 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on M. face, dug pits, 18 x 18 x 12 ins., Exand W. of stone 51 ft. dist., and raised a mound of earth 12 ft. high, $3\frac{1}{2}$ ft. base. alongside 68.00 Enter Valley, bears, 7. and V. 30.00 Set a Jana stone 20x 10x 8 ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 30 and marked with I notches on W. and I notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling. Soil 3 me rate Vegetation buneuguass and o agebran.

BOOK 1253 J. B. T. 24 N. R. 2, E. G. & S. R. M. nains. S. 89° 5 6 on a true line between sections 1 2 86. Va. 140 Vo East. Over level land 40.00 Set a : vand stone 14 x /2 x 8 ins., 9 ins. in the ground, for & Sec. Cor., marked & on 21 . face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base. alongside 51.00 Leave Valley, bears V. and ascend. 80.00 The Cor. to Tps. 23 & 24 N. Rs. 21 & 226. Land level. and rolling. Soil god rate Vegetation, buneliquas and vagermany January 17 m 1883.

19

7. 13. T. 22 N. R. 21 E. G. & S. R. M.

hains.

Refore proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compuss by subtracting same from the reading previously given, and at noon verified and extracted same by observation on the sun. I also further extent instrument by reversing.

From the Cor. to Tps. 22 & 23 M, Rs. 21 . & 22 E, prinsely described on a random line on U. B. of Tp.

Va. 14° 5-6' East.

I set temporary corners at every half mile, and at somiles

76.09 chs. I arrive at a point 160 lks. North of Cor. to Tps, previously set by me.

22 & 23 U,Rs. 20 & 216, from which corner I run

V1. 890 48 E, v. 1 a true line between sections 6 & 31.

Va. 140 051 East.

Over level land

36.09 Set a Sand stone /2 172 x /2ins., 8

ins. in the ground, for & Sec. Cor., marked & on M.

face, dug pits, 18 x 18 x 12 ins., & and W. of stone

52 ft. dist., and raised a mound of earth 12 ft. high,

31 ft. base. alongside

76.09 Set a sain stone 20x/2x 8 ins. /vins. in

The ground for Cor. to Secs. 5, 6, 31 am 32, marked

with / notch on A and I notch son E. edges, dug pits

18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a

mound of earth 2 ft. high 43 ft. base. alongside

BOOK 1253 M. 13. T. 22 N. R. 21 E. G. & S. R. M. ains. Land level. Soil 3 m rate Vegetation, bunchgrass "a sagetmen. U. 89°48 6. on a true line between sections of and 32. Va. 1400-1 East. Ascend. Top of Mountain trans M. The S. The descend. 13.00 Sana stone 20 x 10 x 6 ins., 15 40,00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on 7. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. alongside Sand stone 30 x 12 x 8 ins. 10 ins. in 80.00 the ground for Cor. to Secs. 4, V, 32 and 33 marked with 2 notch won W. and 4 notch won E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 th. dist., and raised e mound of earth 2 ft. high 42 ft. base. alongside Land mountainous. Soil 3 rd rate Vegetation, bunchgrass "a sagelmen

V. B. T. 22 N. R. 21 E. G. & S. R. M.

lins. 1.89° 48 6 on a true line between sections 4 2 33, Va. 14° East. Over broken land. 40,00 Set a lava stone 12 x 10 x 7 ins., & ins. in the ground, for \$ Sec. Cor., marked \$ on 24. face, dug pits, 18 x 18 x 12 ins., & . and W. of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 3½ ft. base. alongside 1.00 lara stone 24x 10x 6 ins. 8 ins. in Set a the ground for Cor. to Secs. 3, 4, 33 134, marked with 3 notches on Wand 3 notch won E. edges, dug pils 18 x 18 x 12 ins. in each Sec., 5 ft. dist., and raised a pround of earth 2 ft. high 41 ft. base, alongside from which A Juniper 10 ins. diam. bears of Soll 18 Ths. dist. marked T. 23 U.R. 21 E, S., 4 B. T. No other trees within limits. Land mountainous Soil 3rd rate Timber of Jumper Vegetation., bunchgrass " sagetmen

22 BOOK 1253

VI. B. T. 22 N R. 21 E. G. & S. R. M.

Chains, 1.89°48 6 on a true line between sections 3 2 84, Va. 140 -/ East. Over broken land. vand stone /2x/0x 3 ins., 8 Set a 40,00 ins. in the ground, for & Sec. Cor., marked & on M. face, dug pits, 18 x 18 x 12 ins., & and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3\ft. base. alongside Sand stone 20 x 12 x 8 ins. /J ins. in 80.00 Set a the ground for Cor. to Secs. 2, 3, 34 Way or, marked with 4 notches on H. and I notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land mountainous. Soil Vegetation, bunchgruss and oagebrush

7. B. T. 22 N. R. 2, E. G. & S. R. M.

hains.		
	M.89°48'E, on a true line between sections 2 % 3v	
	Va. 140 07'	East.
	Over broken land.	
30.00	Enter Valley, bears, V1. Ew V.	
	Set a Sand stone /2 x/0 x / dins., 8	
	ins. in the ground, for \frac{1}{4} Sec. Cor., marked \frac{1}{4} on \mathcal{U}.	
	face, dug pits, 18 x 18 x 12 ins., E. and W. of stone	
	5½ ft. dist., and raised a mound of earth 1½ ft. high,	
	3½ ft. base. alongside	
80.00	Set a Sana stone 20 x 12x 10 ins. 15 ins. in	
	the ground for Cor. to Secs. 1, 2, 30 % 36, marked	
	with I notches on 14 and / notch on E. edges, dug pits	
	18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a	V.
	mound of earth 2 ft. high 41 ft. base. alongside	. 4
	Land level.	
	Soil 3rd rate	
	Vegetation, bunchquaso an sagetmen,	0
	Mark Commencer C	
		3.

BOOK 1253 7. B. T. 22 N. R. 21 E. G. & S. R. M. Chains. 4.89° 48 E. on a true line between sections / 20036. Va. 140 01 | Bast. Over level land 40.00 Set a Sand stone 20 x 10 x 8 ins., 15 ins. in the ground, for \ Sec. Cor., marked \ on \ M. face, dug pits, 18 x 18 x 12 ins., & and M. of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 3½ ft. base. alongside 80.00 The Cur. to Tps. 22 & 23 N. Rs. 21 & 22 6. Land level. Soil 300 rate Vegetation, buneugrass January 18th, 883.

7. B. T. 21 N. R. 21 E. G. & S. R. M.

hains

Before proceeding further with the exteriors of this Tp..

I made a change of 5 minutes in the latitude arc of my solar compass by suffracting same from the reading previously given, and at noon varified and corrected same by observation on the sun. I also further tested instrument by restreing.

From the Cor. to Tps. 2, & 22 M, Rs. 21. & 22 E, which is a larar slow, 14 +10 +6 ais, set firmey in the ground, marked with 6 noteties on each eage; with pito 24 × 18 × 12 ins. leng therise on Each line, U., S., E. In W. of slow, 6 ft. dist, and a rumma of earth, 2'1 ft. high 5 ft. base along side.

I run West. on a random line on M. B. of Tp.

Va. 1400/ East.

I set temporary corners at every half mile, and at 5 miles 77.60 chs. I arrive at a point 80 lks. South of Cor. to Tps,

21 & 21 URs. 20 & 21 E. from which corner I run

J. 890 J4 E, on a true line between sections 6 & 3/,

Va. 14°5 East.

Over rolling tand.

4. B. T. 21 N. R. 21 E. G. & S. R. M.

Chains.	
37.60	Set a Sand stone 20x/2x Jins., /
	ins. in the ground, for & Sec. Cor., marked & on U.
	face, dug pits, 18 x 18 x 12 ins., E. and M. of stone
	5½ ft. dist., and raised a mound of earth 1½ ft. high,
41.00	31 ft. base. alongside Cross U. E. Fork of Cottonwood
	Creek, 70 lks. wide, Course S. W.
77.60	Set a lara stone /6x/2x 6 ins. // ins. i
Total Land	The ground for Cor. to Secs. 5, 6, 31 2 a 32 marke
	with I notch on A and I notches on E. edges, dug pi
	18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised
118151 +	mound of earth 2 ft. high 41 ft. base. alongside
	Land rolling.
	Soil 2 na an Jourale
	Vegetation, buncingrass and sagebnow.
	T 2
Ballet	深多设计 1000000000000000000000000000000000000
	FILE STATE OF THE

7. B. T. 2, N. R. 2, E. G. & S. R. M.

OL -i		
Chains.	S. 89° 54' E.on a true line between sections 5 - am 32.	
	Va. 14001	East.
	Over rolling land.	
40.00	Set a lava stone /6x/2x 6 ins., //	
	ins. in the ground, for \frac{1}{4} Sec. Cor., marked \frac{1}{4} on \mathcal{U}.	
	face, dug pits, 18 x 18 x 12 ins., E. and W. of stone	-
	5½ ft. dist., and raised a mound of earth 1½ ft. high,	
80.00	Set a lara stone 24x/4x 7 ins. 19 ins.	in
	the ground for Cor. to Secs. 4, v, 32 24 33, mark	
	with Inotches on Wand 4 notches on E. edges as	
	raised a mound of stone. alongside Pits impractical Land rolling.	ble.
	Soil 3rd rate	
	Vegetation, sagetnion.	
	Control of the contro	4 1
		0.04
	E/M	

BOOK 1253 1. B. T. 21 N. R. 21 E. G. & S. R. M. CI Chains. 0.89° 02 6. on a true line between sections 4 and 33. Va. 140 5/ East. Over broken land. 40.00 Set a lara stone 20 x 12 x 7 ins., 15 ins. in the ground, for & Sec. Cor., marked & on &. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. alongside 50.00 Top of Spur, bears U. and V. and descend. cand stone 16x 12x 7 ins. // ins. in 80.00 Set a The ground for Cor. to Secs. &, 4, 33 was 34, marked with 3 notches on Bland 3 notches on E. edges, duy pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land mountainous. Soil 3 me rate Vegetation sagesmon.

U.B. T. 2, N. R. 2, E. G. & S. R. M.

Chains. of. 69° 174 E. on a true line between sections 3 and 34, Va. 14° VI East. Over broken land. 40.00 Set a lava stone 24 x 12 x 7 ins., 18 ins. in the ground, for & Sec. Cor., marked & on M. face, dug pits, 18 x 18 x 12 ins., & . and W. of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 3\ft. base. alongside HJ.00 Lean broken land braso N. E. E. W. N. Over level land 80.00 vana stone 16 x 13x Jins. 11 ins. in One ground for Cor. to Secs. 2, 3, 34 am so marked with 4 notches on Wand 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land mountainous. and level. Soil 2 na ana 3 surate Vegetation, bunch quass and vagermen.

30 BOOK 1200 M. B. T. 2, N. R. 2, E. G. & S. R. M. Chains. S. 89° V4 E, on a true line between sections 2 and 30, Va. 14° 51 East. Over rolling land. 40.00 Set a oand stone /3 x 10 x 4 ins., 9

ins, in the ground, for & Sec. Cor., marked & on & . face, dug pits, 18 x 18 x 12 ins., E. and M. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3\frac{1}{2} ft. base. alongside

and descend. Lear rolling land 46.00 lava stone/4x/2x 6 ins. 9 ins. in Set a the ground for Cor. to Secs. 1, 2, 35 and 35 marked

> with I notch won A and I notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling. and mountainous.

Soil 2 nd % 32 rate

80.00

Vegetation, Cuneligrass and oagetmen.

BOOK 1253 4. B. T. 21 N. R. 21 E. G. & S. R. M. Chains. 8.89° 54 6, on a true line between sections 1 20 36. Va. 14° VI East Descend. 40.00 Set a lara stone 14 x 10 x 6 ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on \mathcal{U} . face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. alongside 80.00 The Cor. to Tps. 21 & 22 N. Rs. 21 & 226. Dand mountainous. Soil 3 me rate Vegetation, sagebrusu and buneugrass.

W. B. T. 21 N. R. 20 E. G. & S. R. M.

Chains.

Before proceeding fufther with the exteriors of his Th. I made a change of of minutes in the latitude ar: of my sofar compass by / subtracting same from the realing prefiously given, and at noon verified and corrected same by observation on the sun I also urther lested instrument by reversing. From the Cor. to Tps. 21 N. Rs. 19 206 Which is a sandstone, 24 × 10 ×3 ms, set firmly in the ground, marked S. Ce. with 6 noteties on M. E. E. W. eages, with pito 24×18×12 ins. crosswise on each line U, E, TW. of stone, 6 gt. dist, and with a mound of earth 2 1/2 ft. high oft. base along side I min North on a true line between sections 31 2 36. Va. 14018' East. Descend. 4.20 Cross Wash, 10 lks. wide, Course S. 60° M

vana stone 15 x 13 x 9 ins.,

19.00 Cross Wash. 19 Uks. wide, Course of N.

40.00 Set a

DOOK 1253

W. B. T. 21 N. R. 20 E. G. & S. R. M.

Chains.

ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) on \(\mathcal{N}\).

face, dug pits, 18 x 18 x 12 ins., \(\mathcal{N}\), and \(\omega\). of stone

5\(\frac{1}{2}\) ft. dist., and raised a mound of earth 1\(\frac{1}{2}\) ft. high,

3\(\frac{1}{2}\) ft. base. alongside

Cross Wash. \(\text{Zolks. wide, Course of E.}\)

77.00 Cross Wash. \(\text{Zolks. wide, Course of M}\)

80.00 Set a \(\text{Vana stone 20 x 14 x 9 ins.}\) ins. in

the ground for Cor. to Secs. \(20\), \(\sigma\), \(\sigma\), \(\sigma\) and \(\sigma\)

One ground for Cor. to Secs. 25, 30, 3, 22 32 marked with I notch on S. and 5 notches on Pl edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. alongside Land rolling.

Soil 3 me rate

Vegetation bunch grass and vagetmen

BOOK 1258 W.B. T. 21 N R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 25 and 30. Va 14000' Rast. Over rolling land. 17.30 Cross Wash 20 lks. wide, Course of & 29.00 Cross Wash 20 lks. wide, Course S. M. Set a Sand stone/3 x /2x /0 ins., 9 40.00 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., M. and of. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside Cross Wash 20 lks. wide, Course of E. 42,00 Sava stone/2x/0x/oins. 8 ins. in 80.00 Set a the ground for Cor. to Secs. 19, 24, 25 an 30, marked with 2notches on S. and 4 notches on M. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling. Soil 300 Vegetation, buneliquaes and sagebnan.

BOOK 1253

W. B. T. 2, N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 19 % 24. Va. 14000' Bast. Over rolling land. Cross Wash. 15 lks. wide, Course S. M 39.00 40.00 Set a basact stone 13 x 10 x 9 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, dug pits, 18 x 18 x 12 ins., Dr. and or . of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base. alongside 80.00 basalt stone / 1/2 1/4 10 ins. 11 ins. in Set a the ground for Cor. to Secs. 13, 18, 19 3 La marked with 3 notches on S. and 3 notches on M. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 42 ft. base. alongside Land rolling. Soil 3me rate Vegetation beinengenes and oagebruch.

36 1253 BOOK W. B. T. 2/ N. R. 20 E. G. & S. R. M. Chains. North on a true line between sections 13 and 16. Va. 13040 Bast. Over rolling land. Set a sand stone 12x 12x 6 ins., 8 40.00 ins. in the ground, for & Sec. Cor., marked & on M. face, dug pits, 18 x 18 x 12 ins., M. and of . of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base. alongside Cross Wash 15 lks. wide, Course J. 20 &. 51.50 sana stone/4 x//x sins. 9 ins. in 80.00 Set a the ground for Cor. to Secs. 7, 12, 135-18, marked with 4 notches on S. and 2 notches on Reedges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling. Soil 3 me rate Vegetation, bunch grass an organism.

BOOK 1258

W. B. T. 21 N. R. 20 E. G. & S. R. M.

No. 1253

Chains.

	North on a true line between sections 7 Few 12.
	Va. 14.00' East.
	Over rolling land.
40.00	Set a vana stone / 7x/1 x 8 ins., //
	ins. in the ground, for \frac{1}{4} Sec. Cor., marked \frac{1}{4} on \mathcal{M}.
	face, dug pits, 18 x 18 x 12 ins., M. and of . of stone
	5½ ft. dist., and raised a mound of earth 1½ ft. high,
0.00	$3\frac{1}{2}$ ft. base. alongside Set a Oand stone $23x$ /(x / 2 ins./ y ins. in
	the ground for Cor. to Secs. 1, 6, 7 2 12, marked
	with I notch to on S. and , notch on M. edges, dug pits
	18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a
	mound of earth 2 ft. high 4½ ft. base. alongside
	Land rolling.
	Soil 3 me rate
	Vegetation, bunchquaso and sagesman.
	·

BOOK 1253

7. B. T. 21 N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 1 24 6. Va. 140 10 Bast. Over rolling land. Cross Wash 20 lks. wide, Course of W and ascend, 31.40 Set a vand stone /3 x 10 x 3 ins., 8 40.00 ins. in the ground, for & Sec. Cor., marked & on N. face, dug pits, 18 x 18 x 12 ins., M. and of . of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base. alongside Sand stone 20 2 /72/1 ins. 10 ins. in Set a 80.00 the ground, for Cor. to Tps. 21 and 224 R's 19 and 206., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft, dist., and raised a mound of earth 21 ft. high, 5 ft. base. alongside Land rolling. Soil 3me rate Vegetation bunelgrass an vagetonish.

January 20th 1883.

M. B. T. 2, N. R. 20 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Ap.,

I made a change of minutes in the latitude are
of my solar compass by ddding same to
the reading previously given, and at noon verified and
corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 21 & 22 H, Rs. 19 & 20 E.

I run East on a random line on 21, B. of Tp.

Va. 130 30' East.

I set temporary corners at every half mile, and at o miles

78.75 chs. I arrive at a point 47 lks. North of Cor. to Tps, previously set by me.

21 & 22 MRs. 20 & 216 from which corner I run

U. 89° 57' Mon a true line between sections 1 & 36.

Va. 140 V/ East.

Over level land

40.00 Set a Sand stone 20 x /2 x 8 ins., 15

ins. in the ground, for & Sec. Cor., marked & on & .

face, dug pits, 18 x 18 x 12 ins., & and M. of stone

5½ ft. dist., and raised a mound of earth 1½ ft. high,

01 44 2

3½ ft. base. alongside

80.00

Set a sand stone 4 x 12 x sins. 9 ins. in

The ground for Cor. to Secs. 1, 2, 35 - 36, marked

with 5 notch so on By and I notch on E. edges, dug pits

18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a

mound of earth 2 ft. high 41 ft. base. alongside

BOOK 1253 7. B. T. 21 N. R. 20 E. G. & S. R. M. hains. Land level. Soil 24ac rate Vegetation, bruneligrass an sagebnow. M. 89 or y Won a true line between sections 2 and 30. Va. 1400 / East. Over level land Cross Wash Iks. wide, Course Set a sand stone 20 x 10 x & ins., 1 40.00 ins. in the ground, for & Sec. Cor., marked & on 21. face, dug pits, 18 x 18 x 12 ins., E. and M. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside Leave Valley, bears Sand stone 20x 10 x & ins. 15 ins. in 80.00 Set a the ground for Cor. to Secs. 2, 3, 34 and 30, marked with 4 notches on Wand 2 notches on E. edges and raised a mound of stone. alongside Pits impracticable. Land level. 200 1 1 Date Soil 2 and rate Vegetation, buneagrasor oagebran

4. B. T. 21 N R. 20 E. G. & S. R. M.

hains. 4.890 57 Won a true line between sections 3 am 34. Va. 1400/ East. Over level land 8.30 Cross Wash, 130 lks. wide, Course 6.10°6. 40.00 Set a Gand stone 18x 16x 15ins. 12 ins. in the ground, for 1 Sec. Cor., marked 1 on $\mathcal U$. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. alongside Leave Valley, hears 71. and ascend. 40.00 Sand stone/4 x/2 x 6 ins. 9 ins. in 80.00 Set a the ground for Cor. to Secs. 3, 14, 337 34, marked with 3 notches on and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land level. and mountainous. Soil 2 ud - 3 ou rate Vegetation, ouneliquas an sagetmen

BOOK 1200

7. B. T. 2/ N R. 20 E. G. & S. R. M.

Chains. 1.89° 57'M. on a true line between sections H 200 3 3. Va. 14° 5/ East. Ascend. Enter Timber, Top of Bleff bears M. Qua V. & descende. 34.00 Set a Vara stone 24x 18x 4 ins., 18 40.00 ins. in the ground, for & Sec. Cor., marked & on Z/. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. alongside Sand stones ox 12x & ins. 15 ins. in 80.00 Set a the ground for Cor. to Secs. 4. V, 32 and 33 marked with 2 notch so on Wand 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised & mound of earth 2 ft. high 41 ft. base. alongside Land mountainous Soil 3 200 rate Timber of Vegetation, bunelgrass ta organish.

والمنشقة في الله والمالية والمالية المالية

7. B. T. 2, N R. 20 E. G. & S. R. M.

4.89° 57'M on a true line between sections 5 an 32	
9 seend. Va. 14° V / Ea	st.
Top of Hill bears U. and descend.	
Set a sand stone 14 x 10 x 8 ins., 9	
ins. in the ground, for & Sec. Cor., marked & on U.	
face, dug pits, 18 x 18 x 12 ins., & and W. of stone	
5½ ft. dist., and raised a mound of earth 1½ ft. high,	
Set a Sana stone of x/Fx/2ins, zz ins. in	
with / notch on Wand I notches on E. edges, dug pits	
18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a	
mound of earth 2 ft. high 41 ft. base. alongside	
Land mountainous.	
Soil 3 rate	
Vegetation, bunengras and oagermen.	
Timber of Vanio Cedar	
	Ascend. Enter Timber, Bears. Top of Hill bears The way of and descend. Set a saw stone 14 x 10 x f ins., 7 ins. in the ground, for \(\frac{1}{2} \) Sec. Cor., marked \(\frac{1}{2} \) on \(\frac{1}{2} \). face, dug pits, 18 x 18 x 12 ins., \(\frac{1}{2} \) and \(\frac{1}{2} \) ft. dist., and raised a mound of earth \(1\frac{1}{2} \) ft. high, \[\frac{3\frac{1}{2}}{2} \] ft. base. alongside \[\frac{1}{2} \] ft. base. alongside \[\frac{1}{2} \] ft. base. on \(\frac{1}{2} \) ft. base. on \(\frac{1}{2} \) ft. dist., and raised a with \(\frac{1}{2} \) notch on \(\frac{1}{2} \) ins. in each \(\frac{1}{2} \) ft. dist., and raised a mound of earth \(2\ft \) ft. high \(4\frac{1}{2} \) ft. base. alongside Land mountainous. Soil \(3\frac{1}{2} \) rate Vegetation, bunch grows \(\frac{1}{2} \) of cageometric.

BOOK M. B. T. 21 N. R. 20 E. G. & S. R. M. Chains. 1. 49° 57 Won a true line between sections 6 an 31. Va. 140 0 East. Descend. Set a Sand stone W x 13 x 6 ins., 10 40.00 ins. in the ground, for & Sec. Cor., marked & on 2. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base, alongside 4/ . J. Leave Timber, Bears. U. W. To V. E. 76. Jo Cross Wash. 100 lks. wide, Course of and ascend. 76. 75- The Cor. to Tps. 21 & 22 N. Rs. 19 & 206. Soil 3 me rate Timber of Somb Cedar Vegetation., bunengues and sageonet. January 22 nd 1883.

W.B. T. 22 N. R. 20 E. G. & S. R. M.

Chains. From the Cor. to Tps. 21 & 22 N. Rs. 19 & 206, North on a true line between sections 31 and 36. Va 13030' East. A scend. 40.00 Set a Vasaet stone 16 x 10 x 6 ins., 11 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pits impracticable. . basact stone/9 x /6 x /21n8.14 ins. in 80.00 Set a the ground for Cor. to Secs. 25, 30, 315 36, marked with , notch on S. and o notches on Medges and raised a mound of stone. alongside Pits impracticable. Land mountainous Soil 3 me rate Timber of Jumper. Vegetation, bunelignes and vageones

46 BOOK 1255

W. B. T. 22 N. R. 20 E. G. & S. R. M.

1	Chains.		
	-	North on a true line between sections 25 - 80.	1.
		Ascend.	
	40.00	Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \(\frac{1}{4}\) Sec. Cor., marked \(\frac{1}{4}\) S. on	
		W. face, dug pits, 18 x 18 x 12 ins., M. and of of post 5½ ft. dist., and raised a mound of earth 1½ ft.	
	80.00	high, 3½ ft. base around post. Set a basect stone 25 x /o x / ans. /8 ins. in	
	15	the ground for Cor. to Secs. 19, 24, 25 reg marked with 2 notches on S. and 4 notches on Medges and	
		raised a mound of stone. alongside Pits impracticable Land mountainous. Soil 3 on rate	8.
		Vegetation bunengrass and vagebrion.	
	7		
	A series		
	1	Parameter 1	
		The state of the s	

W. B. T. 22 N. R. 20 E. G. & S. R. M.

chains. North on a true line between sections 19 2 24. Va. 13021 East. A scend. Top of flat Butte braso E. & W. 30,00 Descend. basact stone 20 x 16x 10 ins., 10 40. 00 Set a ins, in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pits impracticable. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19524, marked T. 22 U.S. 18 , or N. E., R. 206 , 8.19 on S. E. S. 24 on S. W. and S. 13 on N. W. face, 5, with 3 notches on S. and 3 notch to on B. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 52 ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Lana mountainous Soil 3 m rate Timber of Jumper, Vegetation, bunchagnos ta vageon

Chains,

80.00

North on a true line between sections 13 and 16. Va. 100 30' East.

Descend.

34. 40 Cross Wash, 20 lks. wide, Course of 64 & and ascend

40. 00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \ Sec. Cor., marked \ S. on

> W. face, dug pits, 18 x 18 x 12 ins., M. and of of post 51 ft. dist., and raised a mound of earth 11 ft.

high, 31 ft. base around post.

Set a Gasact stone/4 x /2x 8 ins. 9 ins. in

the ground for Cor. to Secs. 7, 12, 131-18, marked with 4 notches on S. and 2 notches on Medges and

raised a mound of stone. alongside Pits impracticable. Land mountainous

Soil , 3 me rate.

Timber of Jumper Vegetation, bunengrass and ragel

W. B. T. 22 N. R. 20 E. G. & S. R. M.

nains.		
	North on a true line between sections Qua 12.	
	Va 13030' Ea	st.
	A scend.	
40.00	Set a basact stone 25x 20x 10 ins., 19	
	ins. in the ground, for 1 Sec. Cor., marked 1 on W.	
	face, and raised a mound of stone. alongside Pil	
80.00	impracticable. Set a basact stone 24x 10x 6 ins./8 ins.	in
	the ground for Cor. to Secs. 1, 6, 7 Qua 12 marks	ed
7 3	with 3 notch 20 on S. and/ notch on M. edges an	
	raised a mound of stone. alongside Pits impractical	ble.
	Soil 3 me rate	
	Vegetation, bunch grass and sagetmen	
100	*.	
	·	
		to the
The state of		

BOOK 1253 50 W. B. T. 22 N. R. 20 E. G. & S. R. M. hains. North on a true line between sections 1 and 6. Va. 12031 East. A scend. Jop of flat Butte, bears E. En W. Ga decend. 15.25 Set a Casaltstone 20 x // x / ins., /o ins. in the ground, for & Sec. Cor., marked & on 2/6 face, and raised a mound of stone. alongside Pils impracticable. 80,00 Set a post, 41 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 2 2 and 234 R's 19 and 206 marked T, 234 8.31 on N. E. R. 206 S: 6 on S. E. T. 22 U.S. 1 on S, W, and R, 19 & S, 36 on N, W, faces, with 6 notches on each edge, dug, pits 24 x 18 x 12 ins,, lengthwise on each line, N, S, E, and W, of post, 6 ft, dist, and raised a mound of earth 23 ft. high, 5 ft, base around post, Land mountainous and rolling. Timber of Jumpoer. Vegetation, bunelignas de cageonia. January 28 1883

SUUK 1200

51

7. 13. T. 22 N. R. 20 E. G. & S. R. M.

hains.

Before proceeding further with the exteriors of this Tp.,

I made a change of 6 minutes in the latitude arc

of my solar compuss by adding same to

the reading previously given, and at noon verified and

corrected same by observation on the sun. I also fur
ther tested instrument by reversing.

From the Cor. to Tps. 22 & 23 11 Rs. 19 . & 206.

If run East. on a random line on 21. B. of Tp.

Va. 13-30' East.

I set temporary corners at every half mile, and at 5 miles

77.00 chs. I arrive at a point 194 lks. South of Cor. to Tps, previously set by me.

22 & 234 Rs. 20 & 2/6 from which corner I run

V. 89° 46' M. on a true line between sections / & 36.

Va. 14055' East.

Descend.

37.00 Cross Wash 20 lks. wide, Course S. and ascend.

40.00 Set a basact stone 20 \$ 10 \$ 4 ins., N

ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) on \(\mathcal{H}\).

face, and raised a mound of stone. alongside Pits

impracticable.

80.00

Set a Gasaer stone 20 x 10 ins. in the ground for Cor. to Secs. 1, 2, 35 = 36 marked with 5 notch so on Wand, notch on E. edges and raised a mound of stone. alongside Pits impracticable.

71.13. T. 22 N R. 20 E. G. & S. R. M.

Chains. Land mountainous 3 m Soil rate Timber of Jumper, Vegetation, bunelignes and sagelines. of 89°46 Won a true line between sections 2 mar 35. Va. 13 - 33' East. Ascend. 5.00 Cross Wash. 20 lks. wide, Course S. E. and ascend. 40.00 Set a basact stone 20 x 20 x 10 ins., / ins. in the ground, for $rac{1}{4}$ Sec. Cor., marked $rac{1}{4}$ on $rac{1}{2}$. face, and raised a mound of stone. alongside impracticable. 70.00 Center rolling mesa "En continue ascent. 80.00 | Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 - 3 5, marked T. 23 N S. 35, on N. E., R. 206, S. 2 on S. E. S. 3 on S. W. and S. 34 on N. W. face, s, with 4 notch & on Wand 2 notch & on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base

around post.

71.13. T. 22 N R. 20 E. G. & S. R. M.

Chains. Lanu mountainous and rolling. Soil 3000 Timber of Jumper Vegetation, bunchgrass an sagermen J. 89°46'W. on a true line between sections 3 and 34. Va. 13031 East. A scend. 30.00 Top of Ridge, bears M. Rea V. and descend. 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \$\frac{1}{4}\$ Sec. Cor., marked \$\frac{1}{4}\$ S. on 7. face, dug pits, 18 x 18 x 12 ins., & . and W. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base around post. 70.00 Cross Wash. 2 2 lks. wide, Course M. Mand ascend. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 3, 4, 33-34. marked T. 234 S. 34, on N. E., R 206, S. 3 on S. E. S. 4 on S. W. and S. 33 on N. W. faces, with 3 notch to on Wand 3 notch to on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist.,

and raised a mound of earth 2 ft. high, 41 ft. base

around post.

54 BOOK 1200 V. B. T. 2 2 N. R. 20 E. G. & S. R. M. Chains, Land mountainous Soil 3 m rate. Timber of Jumper Vegetution, bunchgrass an oagernion. 6.89°46' Won a true line between sections 4 a 33. Va. 130001 East. Ascend. 40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. & and W. of post 51 ft. dist. and raised a mound of earth 11 ft. high; 3\frac{1}{2} ft. base over it. In \(^{\chi}\), pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on If face. Set a basact stones ox 20x soins. W ins. in 80.00 the ground for Cor. to Secs. 4, 5, 821.33, marked with 2 notch to on Wand 4 notch to on E. edges and raised a mound of stone. Pits impracticable. Land rolling Soil 3 me rate. Timber of Juniper. Vegetation, bunchgmoor

7. B. T. 22 N. R. 20 E. G. & S. R. M.

Chains, of 89046 Won a true line between sections 5 am 32 Va. 13 - 3 3 ' East. Ascend. basact stone 20 x 10 x 10 ins., 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on 2/. face, and raised a mound of stone. alongside impracticable. Enter Mesa, brass n. W. and V. E. 02.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 5, 6, 3/1 32 marked T. 23 N S. 32, on N. E., R. 206, S. J on S. B. S. G on S. W. and S. 31 on N. W. face, s with I notch on Mand of notch to on Kedges; dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Timber of Juniper. Vegetation, bunchagnes a sagermen

M. B. T. 22N. R. 20 E. G. & S. R. M.

Chains. of 89° 46' W. on a true line between sections 6 an 31. Va. 13000 | East. Onr Mesa. 14.00 Descend. 40,00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. E. and Wof post 5 ft. dist. and raised a mound of earth 1 ft. high, 3\frac{1}{2} ft. base over it. In \int_{\infty} pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on Z. face. 77.00 The Cor. to Tps. 22 & 23 N. Rs. 19 20 6. Land rolling. Soil 3 mm rate. Timber of Jumper. Vegetation, buneagrass & sagermen. January 24th, 883.

BOOK 1253

W.B. T. 23 N. R. 20 E. G. & S. R. M.

Chains. From the Cor. to Tps. 22 & 23 N. Rs. 19 & 206. North on a true line between sections 31 and 36. Va. 13031 East. Descend. 40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. If and S. of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 31 ft. base over it. In M. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on W face. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs. 25, 30, 31536, dug pits 18x18 ? ins. in each sec. 5\forall ft. dist., and raised a mone d of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 234 S. 30 on N. E. R. 20 & N 01 11. S. E. S. 36 on S. W and S. 25 on N. W files,

Soil 3m rate

Land rolling.

Timber of Jumper.

Vegetation, buneugrass un vagermon

with I notch on S. and & notch so on Zelyes.

BOOK 1253

W. B. T. 23 N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 25700.

Va. 13030' East.

Descend.

Descend.

28.97 Cross Wash. 18 lks. wide, Course 0572, and ascend.

40.00 Deposited a marked stone, 12 ins. in the ground, for \$\frac{1}{4}\text{ sec. cor., dug pits } 18x18x12\text{ ins. } \mathcal{N}\text{, and } \mathcal{S}\text{. of }

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. $\frac{1}{2}$ and $\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base over it. In M. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$ s. on $\frac{1}{2}$ face.

Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 19, 24, 25 F30, dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{3}$ ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T.23US. 19 on N. E. R.25 S 35 on S. E. S. 25 on S. W and S.24 on N. W faces, with 2 notch 25 on S. and 4 notch 25 on El edges. Land rolling.

Soil 3 rate.

80.00

Timber of Jumper,

Vegetation, beinengmoor dagermon.

7. B. T. 23 N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 19 24

Va. 13030' East.

Ascend.

Deposited a marked stone, 12 ins. in the ground, for
\[
\frac{1}{4}\text{ sec. cor., dug pits } 18x18x12 \text{ ins. } \text{M', and } \text{Of} \]

post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft.

high, 3\frac{1}{2} ft. base over it. In \text{M', pit drove a stake 2}

ft. long, 2 in. square, 12 ins. in the ground, marked \frac{1}{2}
s. on \(\gamma \) face.

80.00 Set a baset stone 20 x 20 x /sins. /v-ins. in

the ground for Cor. to Secs. 13, 14, 19-24, marked with 3 notch so on S. and 3 notch so on Rt edges and raised a mound of stone. alongside Pits impracticable. Land rolling.

Soil 3 m rate.

Timber of Jumper.

Vegetation, bunengrass , saget mon.

BOOK 1253 W. B. T. 23 N. R. 20 E. G. & S. R. M. Ch ains. North on a true line between sections 13 F/8. Va. 13038' Bast. Ascend. 24.26 Top of Ridge, bears E. & Mand descend. basaer stone 20 % 10 % 10 ins., 10 Set a 40,00 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pitsimpracticable. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13 FIX marked T. 23 N S. 7 , on N. E., R. 20 &, S. 18 on S. E. S. 13 on S. W and S. 12 on N. W. faces, with 4 notch is on S. and 2 notches on Medges; dug pits, 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land mountainous and rolling. 3 ma rate. Timber of Jumper Vegetation, bunchagras & cagel

W. B. T. 23 N. R. 20 E. G. & S. R. M

01

ins. North on a true line between sections > 2 12 Va. 13030' East, Descend. 3. W Cross Wash. 20 lks. wide, Course W and ascend. to. oo Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for & Sec. Cor., marked & S. on W. face, dug pits, 18 x 18 x 12 ins., On and or . of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 3.25 Gross Wash. 29 lks. wide, Course S.25 Wand ascend. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs. 1, 6, 7 200 12, , dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 23 N S. 6 on N. E. R. 20 6 8 7 m S. E. S. 12 on S. W and S. 1 on N. W 1.105, with 5 notch & on S. and I notch on Elelas Land rolling. Soil 3 ne rate. Timber of Jumper. Vegetation, bunchgrass , oagevrish

W. B. T. 23 N. R. 20 E. G. & S. R. M.

North on a true line between sections / Rast.

**North on a true line between sections / Rast.

Ascend.

Ascend.

Ascend.

**Deposited a marked stone, 12 ins. in the ground, for \frac{1}{2} \text{ sec. cor., dug pits } 18x18x12 \text{ ins. } \text{ and } \text{ of } \text{ of } \text{ post } 5\frac{1}{2} \text{ ft. dist. and raised a mound of earth } 1\frac{1}{2} \text{ ft. high, } 3\frac{1}{2} \text{ ft. base over it. } \text{ In } \text{ //, pit drove a stake 2 } \text{ ft. long, 2 in. square, 12 ins. in the ground, marked \frac{1}{2} \text{ s. on } \text{ /// face.}

**Po. 0 0 Set a post, 4\frac{1}{2} \text{ ft. long, 4 ins. square, with marked } \text{ stone } 12 \text{ ins. in the ground, for Cor: to Tps. } 2\text{ 3 } \text{ and } 24/4. R's / 9 \text{ and } 206 \text{ marked T, 24/4 S. 31}

on N. E. R. 2068: 6 on S. E. T. 2348. 1 on S. W., and R., 196, S., 36 on N. W., faces, with 6 notches on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on each line, N. S. E. and W. of post, 6 ft, dist, and raised a mound of earth $2\frac{1}{8}$ ft. high, 5 ft, base around post,

Soil 3 m rate

Land rolling.

Vegetation, runengones : vagermon

BOOK 1253 63

7. B. T. 23 N. R. 20 E. G. & S. R. M.

Chains.

Refore proceeding further with the exteriors of the Trans.

I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 23 & 24 M. Rs. 19 . & 208,

Trun East. on a random line on M. B. of Tp.

Va. 13° 30' East.

I set temporary corners at every half mile, and at somiles

77.00 chs. I arrive at a point 96 lks. North of Cor. to Tps, previously set by me.

23 & 24URs. 20 & 2/6 from which corner I run

7.89° 53'W. on a true line between sections F& 36,

Ascend. Va. 14° VV East.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.
12 ins. in the ground, for \{\frac{1}{2}\) Sec. Cor., marked \{\frac{1}{2}\) S. on

U. face, dug pits, 18 x 18 x 12 ins., E. and W. of

post 5½ ft. dist., and raised a mound of earth 1½ ft.

high, 3½ ft. base around post.

78.12 Top of Ridge, bears M. was I and descend.
80.00 Set a basact stone 20x 20x 10ins. 15 ins. in

the ground for Cor. to Secs. 1, 2, 37 - 36, marked

with 5 notch to on Bland , notch on E. edges and raised a mound of stone. alongside Pits impracticable.

64 7. B. T. 23 N. R. 20 E. G. & S. R. M. Chains, Land mountainous Soil 3 mm rate Timber of Jumper, Vegetation, bunchgrass, saget mon. 4.89° 03'W. on a true line between sections 2 % 3. Va. / 3 129' East. Descend. 10.00 Cross Wash. 29 lks. wide, Course of and ascend. 40.00 Set a basalt stone / I / x 6 ins., 10 ins. in the ground, for & Sec. Cor., marked & on Z. face, and raised a mound of stone, alongside Pits impracticable. 80.00 Gasact stone/8x/0x4 ins. 12 ins. in Set a the ground for Cor. to Secs. 2, 3, 34 - 35 marked with 4 notches on H and 2 notches on E. edges and raised a mound of stone. alongside Pits impracticable. Land mountainous Soil 3 me Timber of Juniper. Vegetation, bunelignas o sageonan

W.B. T. 23 N. R. 20 E. G. & S. R. M.

Chains.

80.00

Descend.

M.89° 53' W. on a true line between sections 3 2 34,

ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) on \(\frac{1}{2}\).

face, and raised a mound of stone. alongside Pits impracticable.

Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 3, 4, 33-34,

marked T. 24 M S. 34, on N. E., R 206, S. 3

on S. E. S. 4 on S. W and S. 33 on N. W. face, 3

with 3 notch & on Wand 3 notch on E. edges;

dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,

and raised a mound of earth 2 ft. high, 4½ ft. base

around post.

around post.
Land mountainous

Soil 3 me rate.

Timber of Jumper.

BOOK 1253 66 U. B. T. 23 N R. 20 E. G. & S. R. M. Chains. U. 89°53' W. on a true line between sections 4 2 2003. Va. 13000 East. Descend. Deposited a marked stone, 12 ins. in the ground, for 40,00 1 sec. cor., dug pits 18x18x12 ins. & and Wof post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M. face. 80,00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 4, V, 32 - 33 , dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 24 M S. 33 on N. E. R. 206 8 4 on S. E. S. 5 an S. W and S. 32 on N. W faces, with 2 notch to on Wand 4 notch to on E. edges. Land rolling. Soil 4 to rate. Timber of Juniper. Vegetation, bunchgraso & sagetruon

V. B. T. 23 N. R. 20 E. G. & S. R. M.

ains. M. 89° 53 W.on a true line between sections 5 % 32 Va. 13030 , Rasi. Descend. Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. E and W. of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{2} ft. base over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on 21, face. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs. 5, 6, 3/ and 32, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. mit dirove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 244. S. 32 011 N. E. R. 206 & 5 an S. E. S. 6 on S. W and S. 31 on N. W faces, with notch on Mand I notch on the ections. Soil 3 mc rate Vegetation bundagrass

BOOK 1253 7. B. T. 23 N. R. 20 E. G. & S. R. M. Chains. M. 89° S'W. on a true line between sections 6 and 31 Va. 13 38 East. Descend. Deposited a marked stone, 12 ins. in the ground, for 40.00 1 sec. cor., dug pits 18x18x12 ins. & and W. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M. face. Cross Wash 20 1ks. wide, Course J. W. and ascend. 66.00 The Cor. to Tps. 23 & 24 N. Rs. 19 & 20 6 77.00 Dand rolling. Soil 3 m Vegetation, bunengmos January 25th 1883.

Va. 130,30' Bast.

W. B. T. 24 N. R. 20 E. G. & S. R. M

Chains.

From the Cor. to Tps. 23 & 24 N. Rs. 19 & 206, I run,

North on a true line between sections 31 2 06.

A scend.

Ho. 00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for \(\frac{1}{4} \) Sec. Cor., marked \(\frac{1}{4} \) S. on

W. face, dug pits, 18 x 18 x 12 ins., M. and $_{\mathscr{C}}$ of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.

post $3\frac{1}{2}$ ft. base around post.

80.00 Set a basact stone 18 x/3 x/2 ins. 12 ins. 17.

the ground for Cor. to Secs. 20, 30, 31, 36, marked with Inotch on S. and 5 notches on M edges and raised a mound of stone. Pits impracticable.

raised a mound of stone.

Land rolling.

Soil 3 m rate

Vegetation, bunch grass and sagetonen.

7.0 BOOK 1233

W. B. T. 24 N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 20 de 30. - Va. 130 3d Rast. Ascend. Set a post 3 ft. long, 3 ins. diam. with marked stone. 40.00 12 ins. in the ground, for \ Sec. Cor., marked \ S. on W. face, dug pits, 18 x 18 x 12 ins., Mand of of post 51 ft. dist., and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base around post. 62.90 Cross Wash 25 lks. wide, Course S.20 & and ascend. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 19, 24, 25 130, marked T. 24 M.S. 19 , on N. E., R. 206, S. 30 on S. E., S. 25 on S. W. and S. 24 on N. W. faces, with 2 notch is on S. and 4 notch is on M. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil 3 mc rate United of Jumper.

W. B. T. 24 N. R. 20 E. G. & S. R. M.

Chains. North on a true line between sections 19 2 24. Va. 13030' Bast. A scend. 40.00 Set a basact stone 20 \$ 20\$ 4 ins., 10 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pits impracticable. 80.00 basacy stone/6 x 10x 6 ins. // ins. in Set a the ground for Cor. to Secs. 13, 14, 190 24, marked with Inotches on S. and I notches on The edges and raised a mound of stone. alongside Pits impracticable. Land rolling. 3 me rate Soil Vigetation, bunchgras r sages

BOOK 1253 W. B. T. 24 N. R. 20 E. G. & S. R. M. Chains, North on a true line between sections 18718 Va. 12040' East. Ascend. Top of Ridge, bears & . & W. and descend. 80.00 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \ Sec. Cor., marked \ S. on W. face, dug pits, 18 x 18 x 12 ins., In and of of post 51 ft. dist., and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base around post. Cross Wash 100 lks. wide, Course 6, and ascend. 70.10 Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 7, 12, 10 -18 marked T. 244 S. 7 , on N. E., R. 206, S. 18 on S. E. S. 13 on S. W. and S. 12 on N. W. face, with 4 notch is on S. and 2 notch is on Exedges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land mountainous. Soil Vegetation bunengruss , pages

BOOK 1253

W. B. T. 24 N. R. 20 E. G. & S. R. M.

Chains.

North on a true line between sections 7 2 /2.

Va. /3030' East.

A scend.

M. Seene.

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for \(\frac{1}{4}\) Sec. Cor., marked \(\frac{1}{4}\) S. on

W. face, dug pits, 18 x 18 x 12 ins., M. and \(\frac{1}{4}\).

VV. face, dug pits, $18 \times 18 \times 12$ ins., \mathcal{M} . and \mathcal{L} of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.

high, 31 ft. base around post.

80.00 Set a Grace stone/fx/2x yins./zins. in
the ground for Cor. to Secs. /, C, y = /2, marked
with & notch & on S. and / notch on Medges and
raised a mound of stone. alongside Pits impracticable.
Land rolling.

Soil 3 rate

Vigetation, bunengrass, vageoms

BOOK 1253 N. B. T. 24 N. R. 20 E. G. & S. R. M. Chains, North on a true line between sections / Wall Va. 13030 East. Ascend. 40. 00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for & Sec. Cor., marked & S. on W. face, dug pits, 18 x 18 x 12 ins., U. and of . of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 70. 12 Top of Ridge, bears & and descend. 79. Just Intersect the 6 the Standard Parallel Hostin at a point 8. J8 chs. West of the Standard Cor. tou S. B. Secs. 36 and . T. 25U. R. 206, at which point I. Set a basact stone 20 x 16 x 10 ins. Wins. in the ground, for Closing Cor. to Tps. 244 ., R's 19 and 20 & . marked C. O. with 6 notches on S. E. ruedges, and raised a mound of stone, alongside Pits impracticable, Land mountainous. Soil 3 one Vegetation, bunchgmas - sagebnion. January 26th 1883

BOOK 1253

W. B. T. 21 N R. 19 E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this Time.

I made a change of 16 mixutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tips.

21 N. Rs. 18 \$ 196, which is a vandatom 20 ×12 ×12 wis.

Set firmly in the ground warked of the with a motetres on II, & and II enges and with a mount of stone along side.

I man along side.

Ascend.

Ho.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for \(\frac{1}{2} \) Sec. Cor., marked \(\frac{1}{2} \) S. on

W. face, dug pits, 18 x 18 x 12 ins., W. and \(\gredeti \). of

post \(5\frac{1}{2} \) ft. dist., and raised a mound of earth \(1\frac{1}{2} \) ft.

high, \(3\frac{1}{2} \) ft. base around post.

North on a true line between sections 31736

Va. 140,8' Bast.

BOOK 1253 76 W. B. T. 21 N. R. 19 E. G. & S. R. M. Chains, 56.00 Cross Wash 20 lks. wide, Course of 30 Fand ascend. 80.00 Set a line stone 25x 20x 10ins. 18 ins. in the ground for Cor. to Secs. 20, 30, 31 66, marked with I notch on S. and o notches on Hedges and raised a mound of stone. alongside Pits impracticable. Land rolling. Soil 3 m rate. Timber of Jumper. Vegetation, bunengrass and sagermon.

W. B. T. 21 N. R. 19 E. G. & S. R. M.

Chains.

80.00

North on a true line between sections 25 730. Va. 13030' East. A scend. 40.00 Set a line stone 19 x 12x 7 ins., 14 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pits impracticable. Set a lenie stone 2 3x 16 x > ins. / > ins. in the ground for Cor. to Secs. 19, 2 4, 20-130, marked

with 2 notch is on S. and 4 notch is on Be edges and raised a mound of stone. alongside Pits impracticable. Land rolling.

3 on rate Soil

Vegetation, bunchgrass oage

78 BOOK 1253 W. B. T. 21 N. R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 19 24 24 -Va. 12'30' East. Ascend. lune stone 30 x 20x 19 ins., 2 Z 40,00 Set a ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. Pits impracticable. Top of Ridge, bears U. 79°6. % V. 79°W, and descend. 79.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 13, 18, 19124, marked T. 216. S. 18 , on N. E., R. 196 , S. 19 on S. B. S. 24 on S. W. and S. 13 on N. W. faces, with 3 notch & on S. and 3 notch & on M. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil 3 m Timber of Jumper. Vegetation bunchgmos

W. B. T. 2, N. R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 13 2 16 Va. 13031' East. Descend. Deposited a marked stone, 12 ins. in the ground, for 40.00 \$\frac{1}{4}\sec.\cor.,\dug\text{ pits } 18x18x12\text{ ins. } \mathcal{N}\text{ and }\mathcal{S}\text{ of} post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{8} ft. base over it. In M, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on W. face. lune stone 21 x 21x 4ins, 18 ins. in 80.00 Set a the ground for Cor. to Secs. 7, 12, 13-11 marked with 4 notches on S. and 2 notches on Reedges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. Land rolling. 3 su Soil Vegetation, buneagras and sagesmen, Timber of Jumper.

BOOK 1253 N. B. T. 21 N. R. 19 E. G. & S. R. M. Chains. North on a true line between sections 7 and 12 Va. 13031 East Descend. 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) S. on W. face, dug pits, 18 x 18 x 12 ins., M. and of of post 51 ft. dist., and raised a mound of earth 13 ft. high, 3\frac{1}{2} ft. base around post. 70.00 Cross low Sag and ascend. 80.00 Set a lune stone 20 x 20x 6 ins. 15 ins. in the ground for Cor. to Secs. 1, 6, 7 That 12 marked with s notch is on S. and , notch on H. edges and raised a mound of stone. alongside Pits impracticable. Land rolling. Soil Vegetation, ouneugmost Timber of Jumper

BOOK 1500

TAN

W. B. T. 2, N. R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 1 au 6. Va. 13031 East. Ascend. 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for & Sec. Cor., marked & S. on W. face, dug pits, 18 x 18 x 12 ins., Zr. and or. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 55.37 Top of Rice and descend. 80.00 Set a line stone 30 x 20 x 10 ins. 22 ins. in the ground, for Cor. to Tps. 21 and 22 UR's 18 and 195., marked with 6 notches on each edge, and raised a mound of stone. Pits impracticable. Land rolling. 3 me rate Soil Vegetation bunch grass and oagern Timber of Jungaer.

BOOK 1253

71. 13 T. 21 N. R. 19 E. G. & S. R. M.

Chains,

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude pro of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the san. I also further tested instrument by reversing. From the Gor. to Tps. 21 & 22 URs. 18 . & 19 6. on a random line on 71.B. of Tp. Va. 130 30' East. I set temporary corners at every half mile, and at 5 miles 77.82 chs. I arrive at a point 140 lks. South of Cor. to Tps, previously set by me. 21 & 22 U.Rs. 19 & 206. from which corner I run S. 89°50' W. on a true line between sections 1 & 36. Va. 12º 30' East. . Descend. basact stone 14x 10x 4 ins., 9 40.00 Set a

88.25 Cross Wash, 20lks. wide, Course S. and ascend.

ins. in the ground, for & Sec. Cor., marked & on 2.

face, and raised a mound of stones alongside Pits impracticable.

42.00 Top of Spur, bears M. Com of and descend.

53, 10 Cross Wash, 18 lks. wide, Course of and ascend.

80.00 Set a basact stone /6x /ox 6ins. // ins. in

71. B. T. 21 N. R. 19 E. G. & S. R. M.

Chains. the ground for Vor. to Secs. 1, 2, 37-136, marked with 3 notch son Wand I notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. Land mountainous Soil 4 to rate. Timber of Jumper. Vegetation Oagermon. S. 89 " No. a true line between sections 2 and of. Va 13 31 Bash Ascend. busact stone /4 x 8 x 4 ins., 9 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on M. face, and raised a mound of stone. alongside Pits impracticable. 80.00 Come stone 20 x/2 x 8 ins/ ins. in Set a the ground for Cor. to Secs. 2, 3, 34 - 35, marked with 4 notch so on By and 2 notch so on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high 43 ft. base. alongside Timber of Jumper. Land rolling.

Soil 4 to rate

Vegetation sagermon

BOOK 1253 M. B. T. 21 N. R. 19 E. G. & S. R. M.

hains.

S. 89° VO'Mon a true line between sections 3 an 34 Va. 13030' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for & Sec. Cor., marked & S. on

M. face, dug pits, 18 x 18 x 12 ins., & and W. of post 51 ft. dist., and raised a mound of earth 1 ft.

high, 3\frac{1}{2} ft. base around post.

78. 15 Gross Wash. 100 lks. wide, Course of yo's and ascend.

Set a basalt stone 20 x/6 x/0 ins. 15 ins. in the ground for Cor. to Secs. 3, 4, 33 -34 marked

with I notch to on Wand I notch son E. edges and

raised a mound of stone. alongside Pits impracticable. Land rolling.

80.00

Soil 4 the rate
Vegetation saget mon.

Timber of Juniper.

71. B. T. 21 N. R. 19 E. G. & S. R. M.

hains. 4 Eu 33 of 89° To Mon a true line between sections Va. 13001 East. Ascend. Set a basact stone 14 x 10 x 4 ins., 9 40.00 ins. in the ground, for & Sec. Cor., marked & on 2/. face, and raised a mound of stone. alongside Pils impracticable. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 4. 5, 32 , 33 marked T. 224 S. 33 , on N. E., R. 196 , S. 4 on S. B. S. on S. W. and S. 32 on N. W. face, S. with 2 notch & on Wand 4 notch & on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil 3 rate Vegetation, bunchgrass " sageomet Timber of Jumpar

BOOK 1253 n. B. T. 21 N. R. 19 E. G. & S. R. M. hains. 8.89000 Mon a true line between sections 5 22. Va. 13 "30' East Ascend. Top of Divide breen N. Ta C. and descend 40.00 Set a post 3 ft. long, 3 ins. diam. with manked stones. 12 ins. in the ground, for & Sec. Cor., marked & S. on M. face, dug pits, 18 x 18 x 12 ins., & and W. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 5, 6, 3/132 marked T. 2248. 32,04 N. E., R. 196, S. J on S. E. S. 6 on S. W. and S. 3) on N. W. face, with I notch on Wand I notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil & m Vegetation, bunengras Timber of Juniper

BOOK 1500 7. B. T. 21 N. R. 19 E. G. & S. R. M. nains. S. 89° So'M. on a true line between sections 6 a 3%. Va. 13080' East. Descend. Ho.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \(\frac{1}{2}\) Sec. Cor., marked \(\frac{1}{2}\) S. on - M. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 77.82 The Cor. to Tps. 21 & 22 N. Rs. 18 \$ 196. Land rolling. rate Soil 3 me Vegetation, bunchgrass, Timber of Jumper, January 29th 1863.

71.13. T. 2, N. R. 18 E. G. & S. R. M.

Chains,	No.
	From the Cor. to Tps. 21 & 224 Rs. 14. & 196,
	I run West on a random line on V. B. of Tp.
	Va. 13'30' East.
	I set temporary corners at every half mile, and at of miles
,	7.96 chs. I arrive at a point 98. Iks. Hortwof Cor. to Tos,
	219 2 2 N., Ro. 17 2 18 E., which
	is a limestone 16 × 10 × 6 mis, set
	finity in the ground marked with
<u> </u>	6 notetres ar each eage; with pits
	24 × 18 × 12 ins. lengthwise on each line
	U, S. E. Ra W. of stone 6 ft. dist, En a moune
	of earth 2 1/2 ft high, oft. base, along side;
	From which corner I run.
19	U. 89° 53'E, on a true line between sections 6 % 01.
	Va. / 0 0 3 0 ' Eas
	Ascend.
21.96	Top of Ridge, bears V. E. Rue V. Wand descend.
23.96	Enter drain course N. E.
27.66	Lear drain course N. E. and ascend.
37.96	Set a line stone Wx 7x v ins., 10

7. 13. T. 21 N. R. 11 E. G. & S. R. M.

Chains. ins. in the ground, for & Sec. Cor., marked & on Z/. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 51 ft. dist., and raised a mound of earth 12 ft. high, 31 ft. base. alongside Cross Wash 160 lks. wide, Course n. 2 Jour. 70.66 7.96 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 5, 6, 31 - 32, dug pits 18x18x12 ins. in each sec. 53 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 224 S. 32 on N. E. R. 186 S. 5 on S. E. S. 6 an S. W and S. 31 on N. W faces, on Wand I notch to on E. edges. / notch Land mountainous. 3 m rate Soil Vegetation, burnelegras

71. 18. T. 21 N. R. 18 E. G. & S. R. M.

Chains:

4.69° 53'6, on a true line between sections 5 am 32. Va. 130 15 East. Descend. Cross Wash or Uks. wide, Course N. 40 W. and Over level land 32.70 Ascend. 40.00 Set a line stone 15 x 8 x 4 ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on 2. face, and raised a mound of stone. alongside Pits impracticable. 80.00 Sand stone/3x9 x 3 ins. 9 ins. in Set a the ground for Cor. to Secs. 4, V, 32 - 33, marked with 2 notches on Wand 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling, and level. Soil 2 ud rate Vegetation, buneagones.

9,

71. B. T. 21 N. R. 18 E. G. & S. R. M.

Chains, M. 89° 50'6; on a true line between sections 4 En 33 Va. 13021 East. Descend 14.00 Enter viearly level land, 37.80 Lean nearly level land. 40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. E and Wof post $5\frac{1}{3}$ ft. dist. and raised a mound of earth $1\frac{1}{3}$ ft. high, 3\frac{1}{8} ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on If face. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs. 3, 4, 3 3 may 34, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft, high, 41 ft. base over it. In S. E. pit drove a stake 's ins. square, 2 ft: long, 12 ins; in the ground, marked T. 224 S. 3 401 N. E. R. 1868 3 911 S. E. S. 4 on S. W and S. 33 on N. W faces, with 3 notch so on Hand 3 notch so on E. edges.

Land rolling, and level.
Soil 2nd rate

Vegetation, ouneugras,

BOOK 1253

11.13. T. 21 N R. 18 E. G. & S. R. M.

Chains,

4. Fg Vo'E on a true line between sections 3 % 34 Va. 1302 East Ascend. Deposited a marked stone, 12 ins. in the ground, for 40.00 1 sec. cor., dug pits 18x18x12 ins. & and W. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In &, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{2}$ s. on 7/ face. 80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 2, 3, 345 35 , dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.224 S. 35 on N. E. R. 186 S 2 m S. E. S. 3 on S. W and S. 34 on N. W faces, with 4 notch to on A and 2 notch to on E edges, Land rolling. Soil 2 nd role Vegetation, buneligraso.

7. 18. T. 21 N. R. 18 E. G. & S. R. M.

Chains. 1.89°53'E on a true line between sections 2 Ew 30! Va. 13030' East. A scend. 40.00 Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. G, and \mathcal{W} of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{2} ft. base over it. In & pit drove a stake ? ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M. face. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs. 1, 2, 35 F 36, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 4\frac{1}{2} ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 222. S. 36 on N. E. R. 1868 / on S. E. S. 2 on S. W and S. 35 on N. W faces, with s notch & on Wand / notch on E. edges. Land rolling. 2 ua rate Vegetation, bunengrass.

74 BOOK 1255
W. B. T. 21 N. R. 11 E. G. & S. R. M.

Chains.		
	U.89 VI'E, on a true line between sections 1 ha BC	
76.	Va. 13001	East
1/15	Ascend.	118
40,00	Deposited a marked stone, 12 ins. in the ground, for	110
	1 sec. cor., dug pits 18x18x12 ins. E and W. of	
	post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft.	10
	high, 3\frac{1}{2} ft. base over it. In E. pit drove a stake 2	
	ft. long, 2 in. square, 12 ins. in the ground, marked \\ s. on \(\mathcal{H} \), face.	
80.00	The Cor. to Tps. 21 & 22 N. Rs. 18 & 196.	
	Dand rolling.	
	Soil 2 nd rate	1
	Vegetation, bunchgras,	
	January 30th 1883,	
	oke to a constant of	15
	974	
		118
		-

W.B. T. 22 N. R. 19 E. G. & S. R. M.

chains. From the Cor. to Tps. 21 & 22 N. Rs. 18 19 6. I run, North on a true line between sections 31 2 36. Va. 130 30' East Descend. 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for & Sec. Cor., marked & S. on W. face, dug pits, 18 x 18 x 12 ins., U. and of . of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. Jana stone 20x 16x 4 ins. / J ins. 80.00 Set a the ground for Cor. to Secs. 25, 30, 31, 36, marked with / notch on S. and 5 notches on Pledges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside Land rolling. 2 ua rate Soil Vegetation, bunch grass. Timber of Jumper.

7. B. T. 22 N R. 19 E. G. & S. R. M.

Chains,

North on a true line between sections 25 Ta 30. Va. 18 2 31' East. Descend. Ho. 00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for \ Sec. Cor., marked \ S. on W. face, dug pits, 18 x 18 x 12 ins., M. and V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 66.20 Cross Wash, 20 lks. wide, Course 7, 76°W. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19, 24, 25500 marked I. 22 U.S. 19 , on N. E., R. 196. , S. 00 on S. E. S. 25 on S. W. and S. 24 on N. W. face, with 2 notch to on S. and 4 notch to on M. edges; duj pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Land rolling. Soil Vegetation, bunchgraco.

M.B. T. 22N R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 19 % 24. Ve. 130 31 East. Descend. Set a 40.00 Sacrastone 20 x 16 x 4 ins., 15 ins. in the ground, for & Sec. Cor., marked & on W. face, dug pits, 18 x 18 x 12 ins., \mathcal{M} and \mathcal{M} of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside Cross Wash, / Uks. wide, Course S.E. and ascend. 58.20 Deposited a marked stone, 12 ins. in the ground, for 80.00 cor to secs. 13, 18, 19 % 24, dug pits 18x18x12 ins in each sec. 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake ? ins. square, 2 ft: long, 12 ins; in the ground, marked T. 22 M S. 18 on N. E. R. 19 6, 8 19 on S. E. S. 24 on S. W and S. 13 on N. W faces, with 3 notches on S. and 3 notches on Wedges. Land rolling. Soil 2 ua Vegetation, bunch grass. Timber of Juniper.

M. B. T. 22 N. R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 13 Feel 18. Va. 13031' Bast. Ascend. 40.00 Set a basact stone 22 x /6 x 9 ins., 16 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pits impracticable. 41,20 Descend. 80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 7, 12, 13 - 18, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 224 S. 7 on N. E. R. 19 & S. 18 on S. E. S. 13 on S. W and S. 12 on N. W faces, with 4 notches on S. and 2 notch & on Wedges. Land rolling. Vagetation, bunch grass. Timber of Juniper.

Chains.

North on a true line between sections 7 Em 12. Va. 13030' East. Descend. 40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. If and of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{2} ft. base over it. In 7/2, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on W face. Deposited a marked stone, 12 ins. in the ground, for 80.00 cor. to secs.), 6, 70 /2, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 22M.S. 6 on N. E. R. 196, S. 7 on S. E. S. 12 on S. W and S. 1 on N. W faces, with 5 notch & on S. and , notch on M. edges. Land rolling. Soil 3 on rate Vegetation, buneligrass.

BUUK 1253 W. B. T. 22 N. R. 19 E. G. & S. R. M.

Chains,

North on a true line between sections 1 4 6 Va. 18000 East. Descend. 39, 20 Cross Wash, 30 lks. wide, Course M.M. and ascend. 40.00 Set a basalt stone 2/x 20x 10 ins., 16 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside impracticable. 80.00 Set a basact stone 20 x 12 x 6 ins. 15 ins. in the ground, for Cor. to Tps. 22 and 23 M. R's 18 and 196., marked with 6 notches on each edge, and raised a mound of stone. Pits impracticable. Land rolling. Soil 2 ud rate Vegetation, bunchgrass.

M. B. T. 22 N. R. 19 E. G. & S. R. M

Chains.

Before proceeding further with the exteriors of this Tp.

I made a change of minutes in the latitude are
of my solar compast by adding same to
the reading previously given, and at noon verified and
corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 22 & 23 M. Rs. 18 . & 19 E.

Lrun East. on a random line on M. B. of Tp.

Va. 130 30' East.

I set temporary corners at every half mile, and at 5 miles

78.47 chs. I arrive at a point 13 lks. South of Cor. to Tps, previously set by me.

22 & 231/Rs. 19 & 206, from which corner I run

S. 890 59 Won a true line between sections 1 & 36,

Va. 130 30' East.

Over level land

40.00

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{2}$ sec. cor., dug pits 18x18x12 ins. \mathcal{E} and \mathcal{W} of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base over it. In \mathcal{E} , pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{2}$ s. on \mathcal{M} face.

80,00

Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 1, 2, 30736

marked T. 2311. S. 36, on N. E., R. 196, S. 1

T. 2211

on S. E. S. 2 on S. W and S. 35 on N. W. face,

M. BOOK 1253
M. B. T. 22 N. R. 19 E. G. & S. R. M.

Chains.	
	S. 69° 59' W. on a true line between sections 4 40 33,
	Descend.
40,00	Set a besact stone 14x 10x4 ins.,9
	ins. in the ground, for 1 Sec. Cor., marked 1 on 2/1.
	face, and raised a mound of stone. alongside Pits
80.00	impracticable. Set a basact stone/6x 10x/0 ins. 1/ ins. in
	the ground for Cor. to Secs. 4, 5, 32 1 33, marked
	with 2 notches on Wand 4 notches on E. edges and
	raised a mound of stone. alongside Pits impracticable. Land rolling.
	Soil 2 ud rate
	Vegetation, bunchgrass.
}	Timber of Jumper.

M. B. T. 22N. R. 19 E. G. & S. R. M.

Chains, S. 89° V9' W. on a true line between sections 5 Ra 3 Z. Va. 13030' Rast Descend. 40,00 lune stone 20 x 20 x 16 ins., 14-Set a ins. in the ground, for & Sec. Cor., marked & on Z. face, and raised a mound of stone. alongside Pits impracticable. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 5, 6, 3/132 marked T. 23 N.S. 32, on N. E., R 196, , S. 5 on S. B. S. 6 on S. W. and S. 31 on N. W. face, with I notch on Wand I notch so on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil 24a Vagetation, bunengraso. Timber of Jumper

BOOK 1253 7. B. T. 22 N. R. 19 E. G. & S. R. M. Chains. J. 89° 59 Won a true line between sections 6 9 31 Va. 13030' East. Descend. Set a basact stone 12 x 6 x 4 ins., 8 40.00 ins. in the ground, for & Sec. Cor., marked & on 2. face, and raised a mound of stone. alongside impracticable. The Cor. to Tps. 22 & 23 N. Rs. 18 & 196 Dana rolling. Soil 2 ud rate Vegetation, bunchgras. Timber of Juniper. January 3/61 1883.

7. B. T. 22 N. R. 18 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 22 & 2311, Rs. 18. & 19 6,

I run West on a random line on M. B. of Tp. Va. 130 30' East. I set temporary corners at every half mile, and at 5 miles 77, 00 chs. I arrive at a point 42 lks. South of Cor. to Tps, 22 and 23 M, Ro. 17 and 18 6, which is a limestone, 10-x9x4 is, set firmly in the ground marked with 6 notelies an each edge; with parts 214 x 18 x 12 mo, leng there are each line, M. O., E. En W. of stone, 6ft. dist, and a mound of carete, 2 " ft. high 4 12 ft. base along side. From which corner I run.

S. F9° 57' E, on a true line between sections 6 Que 31.

Descend.

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. $\frac{1}{4}$ and $\frac{1}{4}$ of post $5\frac{1}{4}$ ft. dist. and raised a mound of earth $1\frac{1}{4}$ ft.

71. 13. T. 22 N. R. 18 E. G. & S. R. M.

Chains,

. high, $3\frac{1}{3}$ ft. base over it. In E, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$ s. on $\frac{1}{2}$ face.

77.00

Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 5, 6, 3/-32, dug pits 18x18x12 ins. in each sec. 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high, 4\frac{1}{2} ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T.23 M. S. 32 on N. E. R. 18 & S on S. E. S. 6 on S. W and S. 3/ on N. W faces, with / notch on Wand of notch so on E. edges, Land rolling.

Soil 2 na rate

Vegetation, buneligraso.

4. 13. T. 22 N. R. 18 E. G. & S. R. M.

Chains.		
	S.89° V7'6, on a true line between sections of Ga 32,	Pant
	Va. 13021	East.
	Over tevel land	
40.00	Deposited a marked stone, 12 ins. in the ground, for	
	1 sec. cor., dug pits 18x18x12 ins. E, and W of	
	post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft.	
	high, 3\frac{1}{8} ft. base over it. In & pit drove a stake 2	
	ft. long, 2 in. square, 12 ins. in the ground, marked 1	
	s. on U, face.	
80.00	Deposited a marked stone, 12 ins. in the ground, for	
	cor. 1 secs. 4, 5, 32 - 33, dug pits 18x18x12	
	ins. in each sec. 5\frac{1}{2} ft. dist., and raised a mound of	
	earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove	
	a stake 2 ins. square, 2 ft: long, 12 ins; in the ground,	
	marked T.23 M. S. 33 on N. E. R. 18 & S 4 on	
	S. E. S. o on S. W and S. 32 on N. W faces,	
4 .	with 2 notches on Wand 4 notches on E. edges,	
	T 2 21	
	Land level.	
H:	Soil 2 na rate Vegetation, bunengras.	
	vegenan, buneligraes.	

110 BOOK 1253

M. B. T. 22 N. R. 18 E. G. & S. R. M.

Chains.

S. 890 57 6. on a true line between sections 4 an 33, Va. 13020 East. Over level land 30.00 Ascend. 40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. E and W of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{2} ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on U. face. 80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 3, 4, 33F34, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.23 U.S. 34 On N. E. R. 186 8 3 on S. E. S. 4 on S. W and S. 3 3 on N. W faces, with 3 notch to on H. and 3 notch to on E. edges. Land rolling. Soil 2 ua rate Vegetation, buneligrass.

111

7. 13. T. 22 N R. 18 E. G. & S. R. M.

mains. S. 89° Vy 6. on a true line between sections 3 4 34. Va 130 20' Bash Ascend. basalt stone 15 x 12 x 10 ins., 10 40,00 Set a ins. in the ground, for & Sec. Cor., marked & on &. face, and raised a mound of stone. alongside Pits impracticable. Vand stone 1/x 12x 6 ins. 1, ins. in 80.00 Set a the ground for Cor. to Secs. 2, 3, 34 - 30, marked with 4 notch & on Mand 2 notch & on E. edges and raised a mound of stone. alongside Pits impracticable. Land rolling. 2,ud Soil Vogetation bunchagrass.

71. B. T. 22 N R. 18 E. G. & S. R. M.

20011 1200

112

Chains, S. 89° v7' & on a true line between sections 2 an 3v. Va. 13020 Eas A scend. 17, 20 Top of Spur, bears U. and of and descend. Set a 40.00 Sand stone / Fx /2 x 4 ins., /2 ins. in the ground, for & Sec. Cor., marked & on 2/ . face, and raised a mound of stone. alongside Pits impracticable. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 1, 2, 30 v 86 marked T. 23 H.S. 06, oh N. E., R. 186, S. J. on S. B. S. 2 on S. W. and S. 3 Jon N. W. face, with 5 notch to on Wand) notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist.,

and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling.

Soil 2 ua

Vegetation, buneagues.

4. B. T. 22 N. R. 18 E. G. & S. R. M.

Chains. 8.89°57'E, on a true line between sections 1 En 36. Va. 13021 East. Descend. 35.00 Cross Wash. 30 lks. wide, Course Z. vo Wand ascend. 40.00 Set a vana stone 20 x 20 x 4 ins. /v ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on \mathcal{M} . face, dug pits, 18 x 18 x 12 ins., E. and U/. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. 80.00 The Cor. to Tps. 22 & 23 N. Rs. 18 & 19 E. Land rolling. Soil 2 ua rate Vegetation, bunch grass. Timber of Jumper. February 1 st 1883.

BOOK 7. B. T. 23 N. R. 19 E. G. & S. R. M. Chains. From the Cor. to Tps. 22 & 23 N. Rs. 18 North on a true line between sections 3/ 5-36 Va. 13030' Bast. Ascend. 39. 12 Top of Spur, bears E. an W and descend. Set a bas alt stone 16 x 10 x 10 ins., 11 40.00 ins. in the ground, for & Sec. Cor., marked & on M. face, and raised a mound of stone. alongside impracticable. Set a post 4 ft. long, 4 ins. square, with murned stone. 80.00 12 ins. in the ground, for Cor. to Secs. 21, 30, 31 1 36, marked T. 23 U S. 30 , on N. E., R. 19 & , S. 31 on S. E. S. 36 on S. W. and S. 25 on N. W. face, with I notch on S. and 5 notch co on H. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Land rolling. Soil 2 4a rate Vagetation, buneligraso.

BUUK 1253

W. B. T. 23 N. R. 19 E. G. & S. R. M.

Chains,

North on a true line between sections 25 4 30.

Va. 130 30' East.

Descend.

Ho.00 Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. H, and S, of post $5\frac{1}{8}$ ft. dist. and raised a mound of earth $1\frac{1}{8}$ ft.

high, 3\frac{1}{2} ft. base over it. In M. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked \frac{1}{4}

s. on W face.

54. 70 Cross Wash, 20 lks. wide, Course Mr. and ascend.

80.00 Set a basact stone 20x /6x 6 ins./o-ins. in

the ground for Cor. to Secs. 19, 24, 25-139, marked with 2 notch soon S. and 4 notches on R. edges, dug pits

18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist., and raised a

mound of earth 2 ft. high 4½ ft. base. alongside Land rolling.

Soil 2 ua rate

Vegetation bunch grass.

1253 BOOK W. B. T. 23 N. R. 19 E. G. & S. R. M. Chains. on a true line between sections 19 Face 24, Va. 13031' East. Ascend. Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. W, and S. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In M. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M face. 80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 13, 18, 19 42 24, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T. 234. S. 18 on N. E. R. 19 E. S 19 nn S. E. S. 24 on S. W and S. /3 on N. W faces, with 3 notches on S. and 3 notch to on Medges, Land rolling. Soil Vegetation, bunchquaso.

DUUK 1203

7.13. T. 23 N. R. 19 E. G. & S. R. M.

Chains. on a true line between sections 13 2/1/ Va. 130 3 / East. North on a true line between sections 13 and 16 Van 130 30' East. Ascend. Deposited a marked stone, 12 ins. in the ground, for 40.00 1 sec. cor., dug pits 18x18x12 ins. U. and S. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In U, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on W face. basact stone / 7x //x Jins. // ins. in 80.00 Set a the ground for Cor. to Secs. 7, 12, 13 Fit, marked with 4 notch & on S. and 2 notch & on Medges and raised a mound of stone. alongside Pits impracticabls. Land rolling. Soil 2,110 Vegetation bunchgrass.

BOOK 1253 M. B. T. 23 N. R. 19 E. G. & S. R. M. Chains, North on a true line between sections 7 and 12. Va. 130 24 East. Ascend. 40.00 Set a basact stone 20 \$10 \$ 10 ins. 15 ins. in the ground, for & Sec. Cor., marked & on W. face, and raised a mound of stone. alongside Pils impracticable. Top of Spur, bears & an M and descend. 60.15 busact stone 32x 19x 6 ins. 24 ins. in 80.00 Set a the ground for Cor. to Secs. 1, 6, 7 Rea 12 marked with 5 notch & on S. and / notch on H. edges and raised a mound of stone. alongside Pits impracticable. Land mountainous Soil 3 rd rate. Timber of Jumper. Vegetation, bunch grass to oageomete.

W.B. T. 23 N R. 19 E. G. & S. R. M.

500K 1200

Chains.		
	North on a true line between sections 1 % 6,	
	Va. 13024 Ea	st
	Descend.	
10,28	Cross Wash, 20 lks. wide, Course S. W. and ascend.	
30.90	Top of Butte baro E. En W.	
40.00		
	ins. in the ground, for 1 Sec. Cor., marked 1 on M.	
	face, and raised a mound of stone. alongside Pits	
43.10	impracticable. Descend.	
	Set a post, 41 ft. long, 4 ins. square, with marked	
	stone 12 ins. in the ground, for Cor: to Tps. 23	
	and 24 M., R's 18 and 19 E, marked T, 24 H S. 31	
	on N. E. R. 19 &, S: 6 on S. E. T. 23 U. S. 1 on S,	
	W, and R, 186, S, 36 on N, W, faces, with 6 notches	-
19 19	on each edge, dug, pits 24 x 18 x 12 ins,, lengthwise on	
	each line, N, S, E, and W, of post, 6 ft, dist, and	
	raised a mound of earth 21 ft. high, 5 ft, base	
	around post,	
	Land rolling. Soil 3 2 rate	
	Vegetation bunch gross to sagetonely	
	Junior of Juniper	

BOOK 1253

7. 3. T. 23 N. R. 19 E. G. & S. R. M.

Chains.

40,00

80.00

120

Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the fatitude are of my solar compass by adding | same to the feading previously given, and at nooh verified and conrected some by observation on the sun. I also further tested instrument by feversing. From the Cor. to Tps. 23. & 2421, Rs. 18 . & 196, on a random line on M. B. of Tp. Va. 130 20' East. I set temporary corners at every half mile, and at 5 miles 77.10 chs. I arrive at a point 73 lks. South of Cor. to Tps, previously set by me. 23 & 24U.Rs. 19 & 20 & from which corner I run S. 89° Jo'M. on a true line between sections / & 36 Va. 130 31' East. Ascend. Deposited a marked stone, 12 ins. in the ground, for I sec. cor., dug pits 18x18x12 ins. E, and W of post 51 ft. dist. and raised a mound of earth 13 ft. high, 3\frac{1}{2} ft. base over it. In &, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on U. face. basact stone 18 x 18x 10ins. 12 ins. in Set a the ground for Cor. to Secs. 1, 2, 35 -36 marked with I notch to on By and I notch on E. edges and raised a mound of stone. alongside Pits impracticable

7. 13. T. 23 N. R. 19 E. G. & S. R. M.

C	ha	ins.
_		

	Land rolling.	
	Soil 3 rece reste	
	Vegetation, bunchgrass and Dagebrah.	
	Timber of Jumper.	
	8.89° 55'W on a true line between sections 2 4 35.	
	Va. 13030'	East.
1	A scend.	
18.00	Descend.	
40.00	Set a basalt stone 18 x 12 x 6 ins., 12	
	ins. in the ground, for \frac{1}{2} Sec. Cor., marked \frac{1}{2} on \mathcal{2}.	
	face, and raised a mound of stone.	
80.00	impracticable. Deposited a marked stone, 12 ins. in the ground, for	
	cor. to secs. 2, 3, 34 5 35 , dug pits 18x18x12	
	ins. in each sec. 5½ ft. dist., and raised a mound of	
	earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove	
	a stake 2 ins. square, 2 ft: long, 12 ins; in the ground,	
	marked T. 24 MS. 35 on N. E. R. 19 & S. 2 m	
	S. E. S. 3 on S. W and S. 34 on N. W faces,	
	with 4 notch & on A and 2 notch on E. edges. Land rolling. Timber of Juniper.	
	Soil 3 m rate	
	Vegetation, buneugrass r sagebruch,	X=1,* -4
		1.0000

122 BOOK 1200 7. 13. T. 23 N. R. 19 E. G. & S. R. M. Chains, S. 89° V5 W. on a true line between sections 3 and 34. Va. 13030 Bast. Descend. Deposited a marked stone, 12 ins. in the ground, for 40.00 1 sec. cor., dug pits 18x18x12 ins. E, and H of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{8} ft. base over it. In E. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on U. face. 80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 3, 4, 33 - 34, dug pits 18x18x12 ins. in each sec. 5\frac{1}{2} ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.24 n. S. 34 on N. E. R. 196, S. 3 m S. E. S. 4 on S. W and S. 33 on N. W faces, with 3 notch so on M. and 3 notch so on E. edges. Land rolling. rate Soil Vagetation, burelignes and sagetmen Timber of Jumper.

M. BOOK 1253 M. B. T. 23 N. R. 19 E. G. & S. R. M.

Chains,		
	S. 89° or 5'W, on a true line between sections 4 % 33.	
	Va 13030	East.
	Descend.	
19.00	Cross Wash, 10 lks. wide, Course of, a	
40.00	Deposited a marked stone, 12 ins. in the ground, for	
	$\frac{1}{4}$ sec. cor., dug pits $18x18x12$ ins. E, and W. of	
	post 5½ ft. dist. and raised a mound of earth 1½ ft.	
	high, $3\frac{1}{2}$ ft. base over it. In \mathcal{E} , pit drove a stake 2	
	ft. long, 2 in. square, 12 ins. in the ground, marked 1	
	s. on U, face.	
80.00	Deposited a marked stone, 12 ins. in the ground, for	
	cor. to secs. 4, 5, 32 - 33, dug pits 18x18x12	
	ins. in each sec. 5½ ft. dist., and raised a mound of	
	earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove	
- 2	a stike is square, 2 ft: long, 12 ins; in the ground,	
	marked T.244. S. 33 on N. E. R. 1988 4m	
	S. E. S. 5 on S. W and S. 32 on N. W faces,	
	with 2 notch so on M. and 4 notch so on E. edges. Land rolling.	
	Soil 2 na rate	
	Vegetation, ounch grass 20 o agreemen.	
	Timber of Juniper	
	/	

W. B. T. 23 N. R. 19 E. G. & S. R. M.

Chains.

124

S. 89° J'Mon a true line between sections of 2 32 Va. 130801 East. Ascend. Cross Wash, 26 lks. wide, Course S. and ascend. 40.00 Set a Gasact stone 17x 10 x 7 ins.,/1 ins. in the ground, for & Sec. Cor., marked & on / . face, dug pits, 18 x 18 x 12 ins., E, and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 31 ft. base. alongside 80.00 basact stone 30 x 21x 20ins. 20 ins. in the ground for Cor. to Secs. 5, 6, 3, - 32, marked with I notch on Wand Inotches on E. edges and raised a mound of stone. alongside Pits impracticable. Land rolling. Soil 2 ha rate Vegetation bunchgrass and sagetruck Timber of Jumper.

71. 13. T. 23 N. R. 19 E. G. & S. R. M.

120

ains.		
	S. 89° To M. on a true line between sections 6 % 31.	
	Va. 13030'	East.
	A scend.	
1000	Set a post 3 ft. long, 3 ins. diam. with marked stone.	
	12 ins. in the ground, for 1 Sec. Cor., marked 1 S. on	
	U. face, dug pits, 18 x 18 x 12 ins., E, and W. of	
	post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.	
710	The Cor. to Tps. 23 & 24 N. Rs. 18 6	
	Land rolling. Soil 2 un rate	
	Vegetation, buneligrass and sagetrush.	
	Timber of Juniper,	
	February 2 nd 1883	
,		
	21	
	· · · · · · · · · · · · · · · · · · ·	
	A STATE OF THE STA	

BOOK 1200 126 U. B. T. 23 N. R. 18 E. G. & S. R. M. Chains, From the Cor. to Tps. 23 & 24M, Rs. 18. & 19'E; I run West. on a random line on M. B. of Tp. Va. 13020' East. I set temporary corners at every half mile, and at smiles 76. Vo chs. I arrive at a point 84 lks. Horth of Cor. to Tps,

23 ana 24 M., Ro. 17 and 186,

Which is a basalt stone, 20 + 10 + 10 ins, set firmly in the ground, marked with 6 notches in each

edge and with a mound of stone along side;

From which corner I run.

U. 89° 54' E on a true line between sections 6 and 3/,

Va, 13020'

Bast.

Descend.

36.55

Deposited a marked stone, 12 ins. in the ground, for \$ sec. cor., dug pits 18x18x12 ins. & and W. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\forall ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on U. face.

BCOK 1200

7. B. T. 23 N. R. 18 E. G. & S. R. M.

Chains.

76. 55 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. \mathcal{F} , \mathcal{G} , \mathcal{S} , \mathcal{F} marked \mathcal{F} . 24M. S. 32, on N. E., \mathcal{R} /8 \mathcal{E} . S. \mathcal{F} on S. \mathcal{F} E. edges; dug pits, $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{4}$ ft. hase around post.

Land rolling.

Soil 2 ha rate

Vegetation, ounengrass an oageomen.

128 BOOK 1200

71.13. T. 23 N. R. 18 E. G. & S. R. M.

Chains.	
	U.89°V4' E. on a true line between sections of the 32
	Va. 13034' Best.
	Descend.
30,50	Cross Winslow an Moqui road, brano M. and.
40.00	Deposited a marked stone, 12 ins. in the ground, for
	1 sec. cor., dug pits 18x18x12 ins. E. and W. of
	post 5½ ft. dist. and raised a mound of earth 1½ ft.
	high, 3\frac{1}{8} ft. base over it. In & pit drove a stake 2
	ft. long, 2 in. square, 12 ins. in the ground, marked 1
	s. on U. face.
45.00	Cross low Sag and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, with marked stone.
	12 ins. in the ground, for Cor. to Secs. 4, 5, 32 and 33,
	marked T. 24 U. S. 33, on N. E., R. 18 6., S. 4
7	on S. E. S. on S. W. and S. 32 on N. W. face, S.
	with 2 notch to on Wand 4 notch to on E. edges;
	dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,
	and raised a mound of earth 2 ft. high, 4½ ft. base
	around post. Land rolling.
	Soil 2 na rate
	Vegetation, bunchgrass & Dagebnish.
	A CONTRACTOR OF THE PROPERTY O

71. 13. T. 23 N R. 18 E. G. & S. R. M.

-	N.89°V4'E, on a true line between sections 4° a 33,
	Va. 13030' East.
	Ascend.
40.00	Deposited a marked stone, 12 ins. in the ground, for
	\$\frac{1}{4}\sec.\cor.,\ dug\ pits\ 18x18x12\ ins.\ E.\ and\ W.\ of\
, ,	post 5½ ft. dist. and raised a mound of earth 1½ ft.
	high, 3\frac{1}{2} ft. base over it. In & pit drove a stake 2
	ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$ \sim
	s. on U face.
80.00	Set a post 4 ft. long, 4 ins. square, with marked stone.
	12 ins. in the ground, for Cor. to Secs. 3, 4, 33 - 34,
	marked T. 24N. S. 34, on N. E., R. 186., S. 3 5.23 N. on S. E. S. 4 on S. W. and S. 33 on N. W. face,
	with 3 notch to on Wand 3 notch to on E. edges;
	dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist.,
	and raised a mound of earth 2 ft. high, 4½ ft. base
	around post, Land rolling
	Soil 2 ka rate
	Vegetation, bunchgrass en oagelmen.

BOOK 1253 130 M. B. T. 23 N. R. 18 E. G. & S. R. M. Chains. U. 89°54'6, on a true line between sections 3 and 34 Va. 13031 East Ascend. Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. E. and W. of post 5\frac{1}{2} ft. dist. and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{8} ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on U, face. Set a post 4 ft. long, 4 ins. square, with marked stone. 80.00 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 - 34 marked T. 24 H. S. O. , on N. E., R. 186., S. 2 on S. B., S. 3 on S. W. and S. 34 on N. W. faces, with 4 notch & on Wand 2 notch & on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. 2 ua Vegetation, bunch grass " a oagebrush.

BOOK 1258 /3/

7. B. T. 23 N R. 18 E. G. & S. R. M.

nains.	
	M. 89° V4 6, on a true line between sections 2 42 30,
	Va 13030' East.
	Ascend.
40.00	Set a basact stone 20 x/0 x 6 ins., /v
	ins. in the ground, for 1 Sec. Cor., marked 1 on 21.
	face, and raised a mound of stone. alongside Pits impracticable.
80.00	Set a sana stone 20 x 10 ins. 18 ins. in
00.00	the ground for Cor. to Secs. 1, 2, 35 736, marked
	with o notch to on M. and , notch on E. edges and
	raised a mound of stone. alongside Pits impracticable. Land rolling.
	Soil 2 nd rate
	Vegetation, buneligiass aus pageines.
	Timber of Jumper
-	

71.13. T. 23 N. R. 18 E. G. & S. R. M.

Chains.		
	N.89°54'E. on a true line between sections 1 2 36	
	Va. 13030'	Ea
	Ascend.	
40.00		
	ins. in the ground, for \frac{1}{4} Sec. Cor., marked \frac{1}{4} on \mathcal{U}.	
16	face, and raised a mound of stone. alongside Pils	
80.00	impracticable. The Cor. to Tps. 23 & 24 N. Rs. 18 & 19 &,	ı
	The Cor. to Tps. 23 & 24 N. Rs. 18 & 196, Sand rolling.	1
	Soil 2 na rate	
	Vegetairon, bunchquass an vagetmen.	
	Timber of Juniper.	Į.
9		
		9
\$5,000		1
15 EL		ï
THE STATE OF		

Chains.)	
	From the Cor. to Tps. 23 & 24 N. Rs. 18 196	Ç
	I run,	
	North on a true line between sections 3/ F 36.	
	Va. 130 20' Bo	el.
	A scend.	
40.00	Set a Sand stone 25 x 20 x /0 ins., 19	
	ins. in the ground, for 1 Sec. Cor., marked 1 on W.	
	face, and raised a mound of stone. alongside Pits	
50.00	impracticable. Top of Spur, bears & & M and descen	d.
80.00	Set a basalt stone 22x 20x 15 ins. 16 ins.	in
	the ground for Cor. to Secs. 20, 30, 31 r 36, mar	ked
	with 7 notch on S. and 5 notch & on M. edges	end
	raised a mound of stone. alongside Pits impractic	abis.
	Soil 3 ru rate.	
	Timber of Juniper.	
	Vegetation, buneligraso a vagelman,	=

134 BOOK 1253 W. B. T. 24 N. R. 19 E. G. & S. R. M.

Chains.

North on a true line between sections 20 2 20, Va. 13020' Bast. Descend. Sana stone 30 x 20 x 6 ins., 20 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on W. Pits face, and raised a mound of stone. alongside impracticable. Cross Wash, 30 lks. wide, Course S. W. and ascend. 64,10 lune stone 28x 20x4 ins. 21 ins. in 80.00 the ground for Cor. to Secs. 19, 24, 25 130, marked with 2 notch is on S. and 4 notch is on M. edges and raised a mound of stone. alongside Pits impracticallis. Land mountainous 3 ou rate. Soil Timber of Jumper. Vegetation, bunelignas El oagetmon.

W.B. T. 24 N. R. 19 E. G. & S. R. M.

Chains, Worth on a true line between sections 19 a 24. Va. 13020' East. A scend. 34.00 Top of Ridge, bears & Qua W. and descend. Sand stone 30 x 30 x 30 ins., 20 40,00 Set a ins. in the ground, for & Sec. Cor., marked & on M. face, and raised a mound of stone. alongside impracticable. basalt stone 2/x /3x/0 ins. If ins. in 80.00 Set a the ground for Cor. to Secs. 13, 18, 19, 24, marked with 3 notches on S. and 3 notches on M. edges and raised a mound of stone. alongside Pits impracticable. from which, A Spring, bears S. W., IV. oo cho. dist. Land mountainous Soil 3 me rate. Timber of Jumper. Vegetation, buneugrass and Dagelmah,

BOOK 1253 W. B. T. 24 N. R. 19 E. G. & S. R. M.

Chains,

North on a true line between sections / 3 and 18 Van 13021 Bast. Descend. Set a post 3 ft. long, 3 ins. diam. with marked stone, 40.00 12 ins. in the ground, for \ Sec. Cor., marked \ S. on W. face, dug pits, 18 x 18 x 12 ins., 7. and of of post 51 ft. dist., and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base around post. 61,40 Cross Wash, 24 lks. wide, Course 71.10 wand ascend. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 13 ins. in the ground, for Cor. to Secs. 7, 12, 12 r14, marked T. 24 N. S. 7 , on N. E., R. 196 , S. 18 on S. E. S. 13 on S. W. and S. 12 on N. W. face, with 4 notch to on S. and 2 notch to on Pledges; dug pits, 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base around post. Land rolling. Soil 2,ua rode Vagetaiion, bunchgrass and sagetmen.

W. B. T. 24 N. R. 19 E. G. & S. R. M.

Chains.

80.00

North on a true line between sections 7 and 12,

Va. 130 20' East.

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. $\frac{1}{4}$, and $\frac{1}{5}$, of post $5\frac{1}{3}$ ft. dist. and raised a mound of earth $1\frac{1}{3}$ ft. high, $3\frac{1}{3}$ ft. base over it. In $\frac{1}{2}$, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$

s. on W. face.

marked T. 244, S. 6, on N. E., R. 196, S. 7

on S. E. S. 12 on S. W. and S. 1 on N. W. face,

with 5 notch & on S. and 1 notch on W. edges;

duy pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,

Set a post 4 ft. long, 4 ins. square, with marked stone.

and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Soil 2 nd rate

Land rolling.

Vegetation, bunengmas an oagelman

Timber of Jumper.

N. B. T. 24 N. R. 19 E. G. & S. R. M.

Chains. North on a true line between sections / % 6 Va. 13020 East. Ascend. Descend. 20,00 Gross Wash, 20 lks. wide, Course S. 80 Wand ascend. Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. W, and S. of post 51 ft. dist. and raised a mound of earth /1 ft. high, 3\frac{1}{2} ft. base over it. In U. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on W. face. Intersect the 6th Standard Parallel Worth at a 80.20 point 5.74 chs. West of the Standard Cor. you Secy. 36 and T. 2501 . R. 186. previously set by me.

Set a post 41 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 24 U., R's 18 and 196, marked C.C. T: 24 M. on S. R. 196. . S. 6 , on E. and R. 1868, 1 on W. faces with 6 notches on S., E. r W. faces, dug pits, 24 x 18 x 12 ins, crosswise on each line, S., E. r.W. of post, &

ft, dist, and raised a mound of earth 22 ft, high, 5

W.B. T. 24N R. 19 E. G. & S. R. M. ft, base, around post, Land mountainous Soil 3 me rate. Timber of Jumper. Vegetation, bunchago as and sagetimen. I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. February 3 nd 1883. Frot final daths, see book no. 19.

	U. S. Su	rveyor G	eneral's (Office,
Tucson,	U. S. Su Arizona,	July	26,	_, 1883,

The foregoing Field Notes of the survey of A

Nortion of the Exterior dines

of Townships 21, 22, 23 + 24 chorth,

Changes 18, 19, 20 + 21 East,

of the Gila and Salt River Base and Meridian, Arizona,
executed by A. F. Johnson,
D. S., under his contract of the 5th, day of

August 1852 having been critically ex-

amined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

JW, POSTANA

Surveyor General.