1398

BOOK 1398

FIELD NOTES OF THE SURVEY OF A PORTION OF THE EXTERIOR LINES OF Ts. 9, 10, 16 and 17 N., Rs. 20, 21, 22, 23, 30 and 31 E.

Gila and Salt River Meridian,

ARIZONA.

(Retracing a portion of the Bdy. bet. Arizona & New Lexico.)

by O. D. Wheeler, D. S. under Contract of July 17,1882. Survey commenced Jan. 22, 1883. Survey completed April,4, 1883.

min Indey in No. 1898 R. 236, NAW. T. 9N, 23 " 10 " 10 " 11 11 2/2/ " 9 " Ma W " 11 22 11 10 " 10 " 11 21 " Nº " 10 " 11 21 " N" 9" 11 20 " NAM " 9 " BOOK 1398 11 30 " Etw " 16 " 11 31. 11 Retraced & " 17 11 For puluinany of metrument used she book Not U Boly + 9 MR 23 E 11 10 "T9MR23 " m. 18 " 10 n " 23 " " W 20 ·· 9 m ·· 22 ·· " n 34 " 972 . 22 " n 11 4.3 · 102 · 22 · W 11 " 90 n " 21 " " 9 n a 21 Z 50 n " 60 m £ 4 . 6.8 "9n "20 E, "9n "20 E W " 77 N r., X 87 15 "16H "30 E E "1672 "30 E 93 3 4 ·1792 "31 E 98.

BOOK 1398



W.B. T. 9 N. R. 23 E. G. & S. R. M. 14

Chains,

Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude are of my solar compass by subtracting same from the reading previously given, and at noon verified and me by observation on the sun. I also furustrument by reversing. Mard r. to Tps. 9 N. Rs. 22 & 23 E Mard r. to Tps. 1 N. Rs. 22 & 23 E

20 1398 true line between sections 31 and 36.

Va. 130 45' East.

Descend.

- 23

12.10 Oross Wash, & Uks. wide, Course Ingraphed ascend. He. 00 Set a Casacr stone 15 x 10 x roins., 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on 10°. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 16 ins. diam. bears J. 17°E, 34 Uks. dist. marked & S. B. T. A Yellow Pine 14 ins. diam. bears C. 2320, 31 Uks. dist. marked & S. B. T.

72.50 al Spring rears W, 189 lks. dist.

² BOOK 1398 W.B. T. 9 N. R. 23 E. G. & S. R. M.

Chains.

Set a Casaer stone, x 1, x , ins. 10 ins. in
the ground for Cor. to Secs. 25, 30, 31 and 32 marked .
with / notch on S. and o notches on H edges and
raised a mound of stone. alongside, Pits impracticable.
21 Yellow Pine 20 ins. diam. bears 7. 30°E, 15 Tks. dist.
marked T. 9 M., R. 23E, S., 30 B. T.
21 Yellow Pine 22 ins. diam. bears 0.78°6, 43 Uks. dist.
Marked T. 91., R. 23E, S., 31 B. T. 21 Yellow Pine 21 ins. diam. bears &, 13° nf 35 Uks. dist.
marked T. 9 N, R. 226, S., 36 B. T.
A Vellow Pine 16 ins. diam. bears 2.56 2 18 Uks. dist.
marked T.g.M., R. 22E, S., 25 B. T.
Land mountainous
Soil 3 me rate,
Heavy timber of Fine and Oak.
Undergrowth of same

BOOK 1398 3 W.B. T. 9 N. R. 23 E. G. & S. R. M.

Chains.	
	North on a true line between sections 25 % 30.
	Va. 13.401 East.
	Descend.
	Cross Road, bears, U. W. Fat S. E.
28.20	Cross Creek, 19 Uks. wide, Course H.44 and ascend.
40.00	And the second sec
	ins. in the ground, for 1 Sec. Cor., marked 1 on W.
1 124	face, and raised a mound of stone. alongside. Pits impracticable.
68.14	Top of Spur, bears 7. 80° W. and descend.
80.00	Set a baoagstone20x 15x g ins. 15 ins. in
	the ground for Cor. to Secs. 19. 24, 25 30 30 marked
	with Inotches on S. and 4 notches on H edges and
	raised a mound of stone. alongside. Pits impracticable. from which
	A Juniper 33 ins. diam. bears J. 59°E, 54 Iks. dist.
	marked T. 911, R. 236, S., 30 B. T.
	A Yellow Pine 20 ins. diam. bears J. J. W. Sy Uks. dist.
	marked T. 91., R. 226, S., 25 B. T.
	No other trees within limits.
	Land mountainous
	Soil 3 me rate,
	Heavy timber of Pine & Oak. Undergrowth of Dame
in manufactures 1	

BOOK 1399 W. B T. 9 N. R. 23 E. G. & S. R. M.

Chains,

North on a true line between sections 19 % 24. Va. 130 20' East. Descend. 40.00 Set a lava stone 15 x 14 x Jins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 40 ins. diam. bears V.40°E, 27 Uks. dist. marked & S. B. T. A Juniper 16 ins. diam. bears J. 630 50 Ths. dist. marked & S. B. T. 67.60 Cross Gulch, 7 lks. wide, Course 21. Soul and ascend. Top of hice and descend. 75.00 80.00 Set a laval stone 19 x 16 x 11 ins. 14 ins. in the ground for Cor. to Secs. 13, 18, 19 an 24, marked with Inotches on S. and I notches on Medges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 14 in tiam. bears 7.61 & 94 lks. dist. marked T.94. R. 238, S., 18 B. T. A Yellow Pine 9 ins. diam. bears a. 41 6, 47 Uks. dist. marked T.91. R. 288, S., 19 B. T.

W.B. T. 9 N. R. 23 E. G. & S. R. M.

5

A Yellow Pine 6 ins. diam. bears S. JSW, 45 lks. dist. marked T. 94. R. 22E, S., 24 B. T. I Yellow Pine J ins. diam. bears 2.27%, 17 Uks. dist. marked T. 911, R. 226, S., 13 B. T. Land hilly Soil 3 m rate, Heavy timber of Phie, Oak and Jumper, Undergrowth of pame. North on a true line between sections 13 3 2118. Va. 13025' East. Descend. 9. 84 Cross Brook, 7 Iks. wide, Course U. 8200 and ascend. 21.00 Cross Road, bears, 71. 52°E HO.00 Set a basaerstone 23 x / 3 x 6 ins. 5. 17 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine of ins. diam. bears N. 67 6, 193 lks. dist. marked & S. B. T. A Yellow Pine 30 . ins. diam. bears of. 54 "W. Job lks. dist.

marked 1 S. B. T.

hains.

DOO!

W. B. T. 9 N. R. 23 E. G. & S. R. M.

Chains,

and de corral brano U.86° w. 7. oocho, diat 55.00 Top of Spur, bears U.Good and descend. 79.95 Cross Creek, 17 Uks. wide, Course el. 83 and ascend. Casacy stone 14 x 10 x sins. 9 ins. in 80.00 Set a the ground for Cor. to Secs. 7, 12, 13 and the marked with 4 notches on S. and 2 notches on Hedges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 17 ins. diam. bears of 64°6 120 lks. dist. marked T.911, R. 238, S., 18 B. T. A Yellow Pine of ins. diam. bearsof. 63° W. 186 lks. dist. marked T. 9 H. R. 228, S., 13 B. T. No other trees within limits. Land mountainous Soil 3rd rate. Heavy timber of Price the Oak Undergrowth of same.

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

2	ha	ins.	
2	114	1115.	

North on a true line between sections 7 Fra 12. Va. 13º 40' . Bast. Ascend. 40,00 Set a Gavaer stone 15 x 11 x6 ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 6 ins. diam. bears 7.63°E, 74 Uks. dist. marked & S. B. T. A White Oak 8 ins. diam. bears 2.30 20. 52 lks. dist. marked & S. B. T. 77.12 Top of Dince, brano U. 53°E. and descend. 80.00 Gasaet stone 30 x 14 x 5 ins. 22 ins. in Set a the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and I notch on Predges and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 9 ins. diam. bears 1. 12°E, 15 Iks. dist. marked T. 94, R. 238, S., 6 B. T. A White Oak 11 ins. diam. bears 7. 59 2 26 Iks. dist. marked T. 911, R. 226, S., / B. T.

BUUK 1990

W.B.T. 9 N. R. 23 E. G. & S. R. M.

Chains,

A Yellow Pine 7 ins. diam. bears J. 39°E. 137 lks. dist. marked T.91. R. 238, S., 7 B. T. No other trees within limits. Land mountainous Soil 3rd rate, Heavy timber of Paie 2 Oak Undergrowth of same. North on a true line between sections / E.C. Va. 130101 East Descend. 40.00 Set a basalt stone 24 \$ 16 \$ 6 ins., 18 ins. in the ground, for & Sec. Cor., marked & on w face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 15 ins. diam. bears & 63°45 40 lks. dist. marked 1 S. B. T. A White Oak & ins. diam. bears 0. 39 6. 56 lks. dist. marked 1 S. B. T. Set a basad stone 22 \$ 14 \$ 6 ins. 16 ins. in the 80.00 ground, for Cor. to Tps. 9 and 10 M. R's 22 and 235., marked with 6 notches on each edge, and raised a

mound of stone. atomystac. Pits impracticable.

W.B. T. 9 N. R. 23 E. G. & S. R. M.

Chains.

from which A Yellow Pine J ins. diam. bears & 57°W 70 lks. dist. marked T. 91. R. 2.26, S., 1. B. T. A Yellow Pine 36 ins. diam. bears M. 82°E. 65 lks. dist. marked T. 10 4. R. 23E, S., 31 B. T. A White Oak 6 ins. diam. bears 2.46°w, 27 Iks. dist. marked T. 10 M. R. 226, S., 36 B. T. No other trees within limits. Land mountainous Soil 3nd rate, Heavy timber of Price the Oak. Undergrowth of Dame

10 200n 1030

71. B. T. 9 N. R. 23 E. G. & S. R. M.

Chains,

Before proceeding further with the exteriors of this Tp., I made a change of G 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. 9 & 10 4 Rs. 22 . & 236, Interested to a random line on Z. B. of Tp. Va. 13º 33' East. I set temporary corners at every half mile, and at 6 miles 2. 26 chs. I arrive at a point 110 1ks. Horte of Cor. to Tps, 9 9 2 10 H. Rs. 23 3 24 6, Which is a basalt stone, set finney in the ground, marked with b notelus on each edge and with a mound of stare in good order along side, from which A Yellow Pine 28 ins. diam. bears of 14 ar 83 lks. dist. marked T.9 7, R. 236, S., / B. T. A Yellow Pine 24 ins. diam. bears 7. 580 1751ks. dist. marked T. 1011, R. 236, S., 36 B. T.

7. B. T. 9 N. R. 23 E. G. & S. R. M.

Chain. From which corner I run. 1.89°52'W, on a true line between sections / 36. Va. 13000 East Descend. 40.00 Set a basact stone 15 # 12x 6 ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on 2. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 14 ins. diam. bears J. 67° E. Py Iks. dist. marked 1 S. B. T. A Yellow Pine 19 ins. diam. bears M. 32° 6. 74 lks. dist. marked 1 S. B. T. 41.40 Cross Wash, 9 Uks. wide, Course Mard ascend, 70.30 Cross Road, bears, of W 80.00 Set a Caract stone 19 x 17 x 10 ins. 19 ins. in the ground for Cor. to Secs. 1, 2, 35 = 36, marked with 5 notches on H and 1 notch on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous and rolling. Soil 3rd rate. Timber of Pine Re Oak, Vegetation beineugrass.

71.3. T. 9 N. R. 23 E. G. & S. R. M.

Chains. 1.89° 52'W. on a true line between sections 2 an 35. Va. 12° 30 East. Ascend. 16.00 Top of Spur, bears U.44°W. and descend. 40.00 Set a Casalt stone 24 \$ 16 \$ 9 ins., 18 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. Pits face, and raised a mound of stone. alongside. impracticable. 70.00 Cross Wash, 10 Iks. wide, Course Hasseland ascend. 80.00 Set a basact stone 24 \$ 12\$ 10 ins. 18 ins. in the ground for Cor. to Secs. 2, 3, 34 3 35 marked with 4 notch to on 12 and 2 notches on E. edges and raised a mound of stone. alongside Pits impracticable. from which I Yellow Pine 1> ins. diam. bears for w 182 lks. dist. marked T. 97. R. 236, S., 3 B. T. No other trees within limits. Land mountainous Soil 3nd rate Timber of Price En Oak Vegetation, bunchymes.

BOOK 1398

7 3 T. 9 N. R. 23 E. G. & S. R. M.

Chains. 1.89° 52'W. on a true line between sections 3 3 34. Va. 12°40' East. Ascend. 27.09 21 Yellow Pine 13 ins. diam. 40.00 Set a Casaer stone 17 x 16 x 6 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on Z1. face, and raised a mound of stone. alongside. Pits impracticable. from which A. Yellow Pine & ins. diam. bears U. 12°W 32 lks. dist. marked 1 S. B. T. A Yellow Pine 18 ins. diam. bears d. 5%. 59 lks. dist. marked 1 S. B. T. 52.54 A Yellow Pine 10 ins. diam. 80.00 Set a Casaerstone 20 x/1 x 9 ins. 15 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notch to on W and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous Soil 3m rate Timber of Pine The Oak. Vegetation, banchquaso.

14 BOOK 1398 71. B. T. J. N. R. 23 E. G. & S. R. M.

hains. U. 89° 5 2'W. on a true line between sections 4 % 33. Va. 12º 15 Bast. A scend. 30. 00 Top of Spur, bears U. and O. and descend. 40.00 Set a basacystone 16 x 9 x 7 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on 2/. face, and raised a mound of stone. alongside. Pits impracticable. from which. A Yellow Pine 12 ins. diam. bears U.40°W 48 Uks. dist. marked & S. B. T. A Juniper 17 ins. diam. bears O. 9°W, 92 lks. dist. marked & S. B. T. 52.03 Gross Wash, 6 Uks. wide, Course Z. and ascend. 59.00 A Yellow Pine 12 ins. diam. 80.00 Casacy stone 30 \$ 20 \$ 10 ins. 22 ins. in Set a the ground for Cor. to Secs. 4, 5, 32 % 33 marked with 2 notches on Wand 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 13 ins. diam. bears 2.85%, 49 lks. dist. marked T. 10 4, R. 336, S., 33 B. T.

BOOK 1398 7. B. T. 9 N. R. 23 E. G. & S. R. M.

hains. A Yellow Pine 10 ins. diam. bears J. J. C. Rs. dist. marked T. 94. R. 23 E, S., 4 B. T. A Fir 7 ins. diam. bears U. 34°W_ 26 lks. dist. marked T.91. R. 236, S., 5 B. T. No other trees within limits. Land mountainous 3 me rate. Soil Heavy timber of Paie 2 Oak. Undergrowth of Dame. 21.89° 52' W on a true line between sections 5 3 32 Va. 12°40' East. Ascend. 25.40 Cross Road, bears, U.17°E. 40.00 Set a Casact stone 19 \$ 12\$ 6 ins., 14 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. face, and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 11 ins. diam. bears V. 27°E, 50° lks. dist. marked 1 S. B. T. A White Oak 21 ins. diam. bears 1.22 2 49 Iks. dist.

BOOK 1398 1. B. T. 9 N. R. 23 E. G. & S. R. M.

Ch

ins. marked 1 S. B. T. 46.90 Top of Spur, bears 71. 30° & and descend. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins, in the ground, for Cor. to Secs. 5, 6, 31 & 22 marked T. 104, S. 32, on N. E., R. 236, S. 5 on S. E., S. G on S. W, and S. 31 on N. W. faces with I notch on Wand I notches on E. edges; and raised a mound of stone 2 ft. high, 41 H. base. around post. Pits impracticable. from which A White Oak 10 ins. diam. bears 1.29°6. 57 lks. dist. marked T. 10 H. R. 236, S., 32 B. T. A White Oak 4 ins. diam. bears J. 59°6, 123 Uks. dist. marked T. 94. R. 236, S., 5 B. T. I Tellow Pine 9 ins. diam. bears V. 20 20 2131ks. dist. marked T. 94, R. 236, S., G B. T. My other trees within lim Land mountainous Soil 3 m rate, Heavy timber of Pine Fra Oak Undergrowth of Dame

7. B. T. 9 N. R. 33 E. G. & S. R. M. No. 1698 ains. 1.89 " 52' on a true line between sections 6 and 31. Va. 120001 Bash Descend. 5.37 A Yellow Pine 15 ins. diam 36.30 A Yellow Pine 17 ins. diam. 40.00 Set a basact stone 19 \$ 12 \$ 9 ins., 14 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. face, and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 10 ins. diam. bears U. 59°6, 23 Iks. dist. marked 1 S. B. T. A Yellow Pine 7 ins. diam. bears J. 66°4, 38 lks. dist marked & S. B. T. 82. 26 The Cor. to Tps. 99 4 10 N. Rs. 22 & 236 supple Land rolling. Soil 3 sa rate, Heavy timber of Price to Oak. Undergrowth of pame. January 22 - 1883

BOOK 1998 18 W. B. T. 10 N. R. 23 E. G. & S. R. M.

Chains. From the Cor. to Tps. 9 & 10 M. Rs. 22. & 23 & recently relative by me I run North on a random line on W. B. of Tp. Va. 13º 33' East. I set temporary corners at every half mile, and at 6 miles , 30 chs. I arrive at a point 69 1ks. East. of Cor. to Tps, 10 m 11 71, Ro. 22 m 236, which is a basalt store, set firmly in the ground, marked write bustelles a each edge and with a mound of stone in good order along dede From which corner I run. S. C.E. on a true line between sections 1 Feel G. Va. 14ºod' East. Descend. 40. 30 Set a basalt stone 14 \$ 9 \$ 6 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on 20. face, and raised a mound of stone. alongside. Pits impracticable. basacy stone 18 x 10x 3 ins. 12 ins. in Set a 80. 30 the ground for Cor. to Secs. 1, 6. 7 3 12 marked with o notch to on S. and / notch on Refedges and raised a mound of stone. alongside, Pits impracticable.

BOOK 1398 W 3 T. 10 N. R. 23 E. G. & S. R. M.

Chains, from which I Yellow Pine 24 ins. diam. bears V. JE, 67 1ks. dist. marked T. 1011, R. 23E, S., 7 B. T. A Yellow Pine of ins. diam. bears A. 8890 132 lks. dist. marked T. 10 M. R. 228, S., / B. T. No other trees within limits. Land rolling. Soil 3 m rate. Timber of Pine tha Jumper. Vegetation bunchigraso. J.J.E. on a true line between sections 7 mar 12. Va. 13.001 East. Descend. .85 Cross Creek, 30 Iks. wide, Course M. 15 and ascend. 010.00 Set a levie stone 17 \$ 9 \$ 3 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on 215. face, and raised a mound of stone. alongside. Pits impracticable. 58.55 Cross Wash, 18 Uks. wide, Course M. 9° W. 78.33 Cross Road, bears, 21 8506.

W. B. T. 10 N. R. 2 JE. G. & S. R. M.

hains. Set a Casaer stone 24 x16 x9 ins. 18 ins. in 80.00 the ground for Cor. to Secs. 7, 12, 13 and 18 marked with & notches on S. and 2 notches on Hedges and raised a mound of stone. alongside, Pits impracticable. Land rolling. Soil 3me race Timber of Price For Jumper Vegetation bunchgmes. J.J.E. on a true line between sections 13 Feurts. Va. 18º001 East. Over level land 40,00 Set a basacrstone 18 x 10 x 4 ins., 12 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone, alongside. Pits impracticable. 80.00 Casal stone 20\$ 10\$ 4 ins. 15 ins. in Set a the ground for Cor. to Secs. 13, 18, 19 % 24 marked with 3 notches on S. and 3 notches on Medges and raised a mound of stone. alongside. Pits impracticable. Land level. Soil 3rd rate Vegetation bunchgrass.

W. B. T. 10 N. R. 23 E. G. & S. R. M.

ains. S. JE on a true line between sections 19 3 24 Va. 130 30 East. Over level land basalt stone 19 x 12 x 4 ins., 14 40.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. Jost of Reage, brans E. Fall. and ascend. 54.00 Casalt stone 15 x 9 x 3 ins. 10 ins. in Set a 80.00 the ground for Cor. to Secs. 19, 24, 25 3, 30 marked with 2 notch to on S. and 4 notches on 21 edges and raised a mound of stone. alongside, Pits impracticable. from which A Juniper 12 ins. diam. bears of 24 °E. 244 Iks. dist. marked T. 10 M. R. 226, S., 30 B. T. I Juniper 16 ins. diam. bears S. For 189 1ks. dist. marked T. 10 1. R. 226, S., 25 B. T. No other trees within limits, Land level Soil 3 me rate. Timber of Juniper. Vegetation, bunchgrass.

ad BOOK 1398 W. B. T. 10 N. R. 23 E. G. & S. R. M.

Chains. S.JE. on a true line between sections 25 = 30. Va. 13º40' East. Ascend. 40.00 Set a basact stone to x 9 x 7 ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 15 ins. diam. bears 4. 78°E. 53 Iks. dist. marked & S. B. T. A Juniper 12 ins. diam. bears H. Jow 41 Uks. dist. marked 1 S. B. T. 80.00 Set a Casacystone 27x 18 x4 ins 20 ins. in the ground for Cor. to Secs. 25, 30, 31 marked with / notch on S. and o notch is on By edges and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 28 ins. diam. bears 2.81°E, 226 lks. dist. marked T. 10 M., R. 238, S., 30 B. T. A Juniper 18 ins. diam. bears of 24° E, 220 Uks. dist. marked T. 10 M. R. 23 6, S., 31 B. T. A Juniper 18 ins. diam. bears of 33° w, 2)96 lks. dist.

ROOK 1388 20 W. A. T. 10 N. R. 23 E. G. & S. R. M. hains. marked T. 10 M. R. 228, S., 36 B. T. A Juniper 12 ins. diam. bears 7.67 w. 37 Uks. dist. marked T. 10 H. R. 22 E. S., 25 B. T. Land rolling. Soil 3 rd rate. Heavy timber of Jumper an Oak. Undergrowth of Dame. J. J & an a true line between sections 31 3 36. VG. 12º 30 . East. Ascend. basact stone 16 \$ 10 \$ Jins., 11 dro, 00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on 4. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine & ins. diam. bears of. 35°6, 1380ks. dist. marked 1 S. B. T. I Yellow Pine 14 ins. diam. bears of 9°W, 97 lks. dist. marked & S. B. T. 80.00 The Cor. to Tps. 9 % 10 N. Rs. 228 236. Land rolling. Soil 3 me rate. Heavy timber of Quie Oak ta guniker.

Undergrowth of Dame!

24 BOOK 1398 W.B. T. 10 N. R. 23 E. G. & S. R. M.

Chains.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Januar, 23 = 1883.

W. B. T. 9 N. R. 22 E. G. & S. R. M.

25

hains.

Before proceeding further with the exteriors of this Tp., I made a change of G minutes 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 Tps. 9 N. Rs. 21 & 226, previously set by me. I run, North on a true line between sections 31 Fra 36 Va. 130 00 , East. Ascend. 40.00 Set a Daux stone 1 + x 13 x 9 ins., 12 ins. in the ground, for 1 Sec. Cor., marked 1 on un. face, and raised a mound of stone. alongside, Pits impracticable. from which A Juniper 6 ins. diam. bears d. +6°45 > 2 lks. dist. marked & S. B. T. A Yellow Pine 16 ins. diam. bears 71.60°E. 119 Uks. dist. marked & S. B. T. 71.00 Top of Ridge, bears 71.65°w, and descend. 80.00 Set a Jana stone 26 \$ 16 \$ 9 ins. 19 ins. in the ground for Cor. to Secs. 25, 30, 31 34 36 marked

26 BOOK 1398 W. B. T. 9 N. R. 22 E. G. & S. R. M.

Chains,

with / notch on S. and 5 notches on P. edges and raised a mound of stone. alongside, Pits impracticable. from which I Yellow Pine 21 ins. diam. bears M. 64°w 70 lks. dist. marked T. 9M., R. 216; S., 20 B. T. A Yellow Pine 10 ins. diam. bears S. 70 W. of Uks. dist. marked T.94 R. 216, S., 36 B. T. A White Oak 6 ins. diam. bears of 78°E, 28 Uks. dist. marked T.94, R. 228, S., 3/ B. T. No other trees within limits. Land mountainous rate. Soil 3nd Heavy timber of Pone & Cak. Undergrowth of Oak ta Manzamla.

W. B. T. 9 N. R. 22 E. G. & S. R. M.

Chains, North on a true line between sections 25 2030. Va. 13º 3.3' East. Descend. 32. 11 Cross Creek, 75 Uks. wide, Course of 40°4. and ascend. Sand stone 18 x 13 x 7 ins., 12 40.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which marked & S. B. T. No other trees within limits. 46.00 Top of Spur, bears 71.53°6 and descend. 80.00 Set a vana stone 21 x 9 x J ins. 16 ins. in the ground for Cor. to Secs. 19, 24, 20 % 30, marked with 2 notch to on S. and 4 notches on P4 edges and raised a mound of stone. alongside, Pits impracticable. from which I Yellow Pine 12 ins. diam. bears of 47 °c 30 lks. dist. marked T. 94., R. 21 6, S., 25 B. T. A Juniper 8 ins. diam. bears J. 2908 98 Uks. dist. marked T. 91, R. 226, S., 30 B. T.

BOOK 1990 W.B. T. g. N. R. 22 E. G. & S. R. M. Chains, A Yellow Pine 14 ins. diam. bears 2.38° w 101 Uks. dist. marked T. 94. R. 216, S., 24 B. T. No other trees within limits. Land mountainous Soil 3rd rate, Heavy timber of Pine the Jumper. Undergrowth of Came North on a true line between sections 19 % 24, Va. / 3º 211' East. Descend. R. 60 21 Yellow Pine 25 ins. diam. .19. 15 Cross Creek, 30 lks. wide, Course S.W. and ascend. 21.25 Cross Road, bears, M.44°E 40.00 Set a Vana stone 28 x 11 x 6 ins., 21 ins. in the ground, for 1 Sec. Cor., marked 1 on 25. face, and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 9 ins. diam. bears J. 30° & F4 Iks. dist. marked 1 S. B. T.

BOOK 1998

W. B. T. 9 N. R. 22 E. G. & S. R. M.

Chaine	
<u>Chains</u> ,	
	I Yellow Pine 12 ins. diam. bears S. 38°W, 90 lks. dist.
•	marked 1 S. B. T.
. 42,00	Top of Spur, bears E. Z. W. and descend.
	Cross Wash, 9 lks. wide, Course S. 16 E, and ascend.
80.00	
00.00	the ground for Cor. to Secs. 13, 18, 19 2 24, marked
125	with 3 notch to on S. and 3 notches on H edges and
	raised a mound of stone. alongside, Pits impracticable.
	from which
	A Yellow Pine 12 ins. diam. bears M.17ºul, 60 lks. dist.
	marked T. 94, R. 216, S., 13 B. T.
	A Yellow Pine 10 ins. diam, bears S. F. C, J4 Uks. dist.
	marked T. 94. R. 226 S., 19 B. T.
	A White Oak 10 ins. diam. bears S. 1994 26 Uks. dist.
	marked T. 94. R. 218. S., 24 B. T.
	No other trees within limits.
	Land mountainous
	Soil 3 m rate,
	Heavy timber of Paie & Cak
THE REAL	Undergrowth of same
francis and	Ballet States
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the second
10 18 1 C	A REAL PROPERTY OF THE REAL PR

30 0011 1000 W.B. T. 9 N. R. 22 E. G. & S. R. M.

Chains. North on a true line between sections 1 3 and 1 Va. 130 18' East. A scend. Sand stone 15 x 2x 8 ins., 10 Set a 40.00 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Live Dak 6 ins. diam. bears S. 10°W, 18 Uks. dist. marked & S. B. T. M. Yellow Pine & ins. diam. bears & 53°E, 20 lks. dist. marked & S. B. T. 80.00 Set a Sand stone 24 x 16 x 8 ins. 18 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18 marked with 4 notches on S. and 2 notch 20 on If edges and raised a mound of stone. alongside Pits impracticable. Land mountainous Soil 3rd rate Timber of Pine the Oak Vegetation, bunchgrass.

01 W. B. T. 9 N. R. 22 E. G. & S. R. M. hains. North on a true line between sections 7 2 12. Va. 130/2' East.

Ascend. 7.00 Top of Hill bears Z. W. and descend. 24,40 Gross Wash, 9 Iks. wide, Course Sor & and ascend. 40.00 Set a Sauce stone 19 \$4 \$ 7 ins., 14 ins. in the ground, for 1 Sec. Cor., marked 1 on av. face, and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 12 ins. diam. bears J. 62 . 6, 8 Uks. dist. marked & S. B. T. No other trees within limits. 67.40 Top of Ridge, bears 21.47° E. and descend. 80.00 Set a Sand stone 18 x14 x12 ins. 12 ins. in the ground for Cor. to Secs. 1, 6, 7 3 12, marked with 5 notches on S. and / notch on 24 edges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 10 ins. diam. bears H. F.2. 30-Iks. dist. marked T.94. R. 218, S., / B. T. A Yellow Pine 9 ins. diam. bears S. W. 31 lks. dist.

82 **BOOK** 1398 W.B. T. 9 N. R. 22 E. G. & S. R. M.

hains,

marked T. 91 R. 216, S., 12 B. T. A Yellow Pine 6 ins. diam. bears 2. 16°6° 36 lks. dist. marked T. 94, R. 228, S., 6 B. T. No other trees within limits. Land mountainous Soil 3rd rate. Heavy timber of Paie and Cark. Undergrowth of Dame, on a true line between sections 1 2 a G. North Va. 130001 East. Descend. 40.00 Set a Sand stone 19 x 13 x7 ins., 14 ins. in the ground, for 1 Sec. Cor., marked 1 on w. face, and raised a mound of stone. alongside. impracticable. from which A Yellow Pine 9 ins. diam. bears J. 40°6 9 Iks. dist. marked & S. B. T. A Yellow Pine 7 ins. diam. bears S.F.F. W. 18 Uks. dist.

Pits

marked 1 S. B. T.

71. 75 Cross Wash, 7 Uks. wide, Course 27 rewand ascend.

DUUN 1000 W.B. T. 9 N. R. 22 E. G. & S. R. M.

0.5

ains.

80.00 Set a Jana stone 21 x 13 x 10 ins. 16 ins. in the ground, for Cor. to Tps. 9 and 104, R's 21 and 226., marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable. rom which A Yellow Pine 18 ins. diam. bears S. 2100. 149 lks. dist. B. T. marked T. 911. R. 216, S., 1 A Yellow Pine 10 ins. diam. bears of 33° & 133 lks. dist. marked T. 9 11. R. 226, S., 6 B. T. A Yellow Pine & ins. diam. bears A. 60°E 28 lks. dist. marked T. 10 11., R. 22E, S., 31 B. T. A Live Oak 9 ins. diam. bears 21.09°w 43 lks. dist. marked T. 10 21. R. 218, S., 36 B. T. Land mountainous 3 ou rate, Soil Heavy timber of Pare Tha Oak Undergrowth of same. January 24 - 1883
BOOK 1398

M.B. T. 9 N. R. 22E. G. & S. R. M.

Chains.

Oly

Before proceeding further with the exteriors of this Tp., I made a change of G minutes in the latitude are 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. 9 & 10 11. Rs. 21. & 228° Just established - by me on a random line on M. B. of Tp. East. run Va. 1 3º 31' East. I set temporary corners at every half mile, and at σ miles 78.72 chs. I arrive at a point 92 lks. South of Cor. to Tps, 9 ma 10 M. Ro. 22 m 23 6. previously set by me. From which corner I run. 0.89° 53'Won a true line between sections 1 2 36 Va./3 . 3 3' East. Ascend. 30.00 Top of Spur, bears Z1. 34° E and descend. 40,00 Set a basact stone 19 \$ 13 \$ 7 ins., 14 ins. in the ground, for & Sec. Cor., marked & on 2/. face, and raised a mound of stone. alongside. Pits impracticable. from which

M. B. T. 9 N. R. 22 E. G. & S. R. M.

Chains, A White Oak 5 ins. diam. bears n. r.E. 35 lks. dist. marked 1 S. B. T. A Yellow Pine 8 ins. diam. bears S. Co 8, 25 lks, dist. marked 1 S. B. T. 57.35 Cross Wash, 9 Iks. wide, Course 4.254/and ascend. 79.83. Top of Spur, bears Z. W. and descend. basact stone 18 x14 x10 ins. 12 ins. in 80.00 Set a the ground for Cor. to Secs. 1, 2, 35 The 36 marked with snotches on Bl and I notch on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 14 ins. diam. bears 21.21°E. 45 Uks. dist. marked T. 10 M. R. 228, S., 36 B. T. A White Oak 5 ins. diam. bears M. 84°W. 40 lks. dist. marked T. 10 4, R. 226, S., 35 B. T. A Yellow Pine 16 ins. diam. bears of, 12° 6, 109 Uks. dist. marked T. 91. R. 226, S., / B. T. No other trees within limits. Land mountainous Soil zou rate. Heavy timber of Price Oak In Joinper. Undergrowth of same,

16

M. J. T. 9 N. R. 22 E. G. & S. R. M.

Chains. e. 89° 53'4. on a true line between sections 2 30 35 Va. 130 50 ' East. Descend. basact stone 19\$ 14\$ 7 ins. 14 Set a 40.00 ins. in the ground, for 1 Sec. Cor., marked 1 on Z. face, and raised a mound of stone. alongside. Pits impracticable. from which I Yellow Pine 10 ins. diam. bears M. 12°6. 19 Uks. dist. marked 1 S. B. T. A Juniper 18 ins. diam. bears 2.63° J 18 Uks. dist. marked & S. B. T. 80.00 basact stone 16x 8 x 7 ins. 11 ins. in Set a the ground for Cor. to Secs. 2, 3, 34 3 05 marked with 4 notches on Wand 2 notch so on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 14 ins. diam. bears U. 12°E. 7/ Iks. dist. marked T. 10 M. R. 226, S., 35 B. T. A Juniper 18 ins. diam. bears J. 6 8° 6, 83 Iks. dist. marked T. 911. R. 226, S., 2 B. T. A Juniper 12 ins. diam. bears S. 6°cl. 172 lks. dist.

7.B. T. 9 N. R. 22 E. G. & S. R. M.

Chains. marked T. 94. R. 226, S., 3 B. T. A Juniper 15 ins. diam. bears M. 63°W, 175 Uks. dist. marked T. 10 4. R. 226, S., 34 B. T. Land rolling. Soil 3 mi rate. Heavy timber of Paie, Oak 20 Jumper. Undergrowth of pame. S. 89° 53'N. on a true line between sections 3 3 04 Va. 14º001 East. Descend. 40.00 Set a basact stone 2/ \$ 16 \$ 9 ins., 16 ins. in the ground, for 1 Sec. Cor., marked 1 on 2 . face, and raised a mound of stone. alongside. Pits impracticable. 59. 55 Cross Creek, 30 Iks. wide, Course 7. 7% (and ascend. 80.00 basact stone 19 \$ 14\$ 7 ins. 14 ins. in Set a the ground for Cor. to Secs. 3, 4, 33 %, 34 marked with 3 notch 20 on W and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which I Yellow Pine 4 ins. diam. bears J. 32°E, 18- Iks. dist. marked T. 94. R. 226, S., 3 B. T.

38 BOOK 1398 M. G. T. 9 N. R. 22 E. G. & S. R. M.

Chains.

A Yellow Pine 6 ins. diam. bears M. 5990 183 Uks. dist. marked T. 10 11, R. 226, S., 33 B. T. No other trees within limits. Land rolling. Soil 3m rate. Heavy timber of Paie En Oak Undergrowth of Dame S.89° 53'W on a true line between sections 4 942 83. Va. 13º 001 East. Ascend. 30.00 Top of Spur, bears 7. 280 6 and descend. Casact stone 17 x16 x & ins., 11 Set a 40.00 ins. in the ground, for 1 Sec. Cor., marked 1 on 21 . face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine & ins. diam. bears J. 22°6, 18 Uks. dist. marked 1 S. B. T. A Yellow Pine of ins. diam. bears H. few 32 lks. dist. marked 1 S. B. T.

BOOK 1398

07

M. B. T. 9 N. R. 22 E. G. & S. R. M.

Chains. basaer stone 24 x 13 x 9 ins. 11 ins. in Set a 80.00 the ground for Cor. to Secs. 4, J, 32 % 33, marked with 2 notches on By and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 20 ins. diam. bears 7.22°6, 33 lks. dist. marked T. 10 2, R. 22 E, S., 33 B. T. A Yellow Pine 16 ins. diam. bears J. 9 . 6, 99 lks. dist. marked T. 911. R. 22 &, S., 4 B. T. A Yellow Pine 7 ins. diam. bears M.40 al 72 lks. dist. marked T. 104. R. 22 & S., 32 B. T. A Live Oak 10 ins. diam. bears S. 63 al. 92 Nrs. dist marked T. 911., R. 228, S., 5 B. T. Land mountainous Soil 3 rd rate. Heavy timber of Price En Oak, Undergrowth of same.

BOOK 1398 7. T. 9 N. R. 22 E. G. & S. R. M.

Cha ns. S.89° J'a Won a true line between sections 5 2 32 Va. 130 15' East. Descend. 3.30 Como apacho & Thowflake road brans M. 21°W. 9.20 Cross Wash, 10 Uks. wide, Course 4.30 E and ascend. 13.97 Cross Road, bears, 71.20°6. Cross Wash, y Uks. wide, Course 2. 33°6° 36.00 Vana stone 18 x 13 x 7 ins., 12 40.00 Set a ins. in the ground, for & Sec. Cor., marked & on 21. Pits face, and raised a mound of stone. alongside. impracticable. from which I Yellow Pine 20 ins. diam. bears 2.35 8, 3 lks. dist. marked & S. B. T. A Yellow Pine 28 ins. diam. bears J. 40 °cl, 33 lks. dist. marked & S. B. T. Sand stone 21 x 14x & ins. 16 ins. in 80.00 Set a the ground for Cor. to Secs. 5, 6, 31 % 32, marked with I notch on Wand 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 9 ins. diam. bears 7. 5008, 3 Aks. dist.

7.3. T. 9 N. R. 22 E. G. & S. R. M.

ins. marked T. 104, R. 226, S., 32 B. T. A Yellow Pine 7 ins. diam. bears J. 2°E. 52 lks. dist. marked T. 94, R. 226, S., J B. T. A Yellow Pine & ins. diam. bears 0. 10°W 62 1ks. dist. marked T. 911, R. 226, S., 6 B. T. A Yellow Pine 14 ins. diam. bears 2.37 20 P7 1ks. dist. marked T. 10 1. R. 22E, S., 31 B. T. Land mountainous Soil 3me rate, Heavy timber of Pure the Oak, Undergrowth of Dame, S. 89 - 53'alon a true line between sections 6 The 31. Va. 130 151 Bast. Ascend. Jana stone 20 \$ 14 x 6 ins., 10 Set a 40.00 ins. in the ground, for 1 Sec. Cor., marked 1 on /1 . face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 10 ins. diam. bears 7. 55 2, 31 lks. dist. marked 1 S. B. T.

42 BUUN MOR 4.18. T. 9 N. R. 22 E. G. & S. R. M.

Chains,

A Yellow Pine 9 ins. diam. bears J. 28 w. 20 Iks. dist. marked 1 S. B. T. 43.00 Top of Ridge, bears 7. 2200. and descend. 78.72 The Cor. to Tps. 9 3/10 N. Rs. 21 & 228. Land mountainous 4 a rate, Soil Heavy timber of Price the Oak. Undergrowth of Dame January 25th 1883.

W. B. T. 10 N. R. 22 E. G. & S. R. M.

HB

hains. From the Cor. to Tps. 9 & 10 4. Rs. 21 . & 226. on a random line on to. B. of Tp. Irun North Va. 130 31' East. I set temporary corners at every half mile, and at 5 miles 78.16 chs. I arrive at a point 40 lks. West. of Cor. to Tps, 10 % 11 M. Ro. 21 % 22 8. which is a basalt slove set formely in the ground marked with 6 noteties on each eage and write a mound of stare in good order along accel from which A Juniper 14 ins. diam. bears 6. 60.°W, 43 1ks. dist. 1 ach marked T. 10 11, R. 218, S., / B. T. A Juniper 9 ins. diam. bears S. 7806, 40 Uks. dist. marked T. 104, R. 228 S., 6 B. T. A Juniper 9 ins. diam. bears 7.66°E, 82 Iks. dist. marked T. 114. R. 228, S., 31 B. T. A Juniper 7 ins. diam. bears 71.9°8, 57 lks. dist. marked T. 114. R. 226. S., 31 B. T.

44 BOOK 1398 W. B. T. 10 N. R. 22 E. G. & S. R. M.

Chains.

From which corner I run. S. 3'W. on a true line between sections 1 and 6. Va. 14ºadi Bash. A scend. basact stone 18 \$ 15 \$ 9 ins., 17 38,16 Set.a ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Juniper 14 ins. diam. bears S. ST. 69 Iks. dist. marked 1 S. B. T. No other trees within limits. Set a 78.16 basaer stone 17x 12x G ins. 11 ins. in the ground for Cor. to Secs. 1, 6, 7 3 12, marked with 5 notches on S. and I notch on F. edges and raised a mound of stone. alongside, Pits impracticable. Land rolling. Soil 3m rate. Timber of Junper Vegetation, bunchgras.

W.B. T. 10 N. R. 22 E. G. & S. R. M.

1030

40

Chains.

of. 3 W. on a true line between sections 7 = 12. Va. 130001 East. A scend. 10,00 Top of Divide, brano U. Soon, and descend. Sand stone 14 \$ 12 \$ 7 ins., 9 Ho.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on Lor. face, and raised a mound of stone. alongside. Pits impracticable. 59. 7 Cross Creek, 20 Iks. wide, Course Z. and ascend. 63.00 acarin brans W. 10.24 clis. dist. 80.00 Sel a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13r18 marked T. 104. S. 7 , on N. E., R. 228, S. 18 on S. B. S. 13 on S. W. and S. 2 on N. W. faces, with 4 notches on S. and 2 notches on Hedges; 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 mountainous Soil 3 du rate. Timber of Price an Juniper, Vegetation, bunengrass.

0011 1000 W. B. T. 10 N. R. 22 E. G. & S. R. M.

Chains,	
1.00	
	P-ul
	J. 3'W, on a true line between sections 13 and 16.
	Va. 13000' Bast.
	Ascend.
5.95	Cross Road, bears, U. Jo . E.
31.36	Croco road from Surveyeaker to
	Fort apache hars H. 80° W.
40.00	Set a post 3 ft. long, 3 ins. diam. with marked stone.
1	12 ins. in the ground, for 1 Sec. Cor., marked 1 S. on
	W. face, dug pits, 18 x 18 x 12 ins., 7. and of . of
1200	post 5 ft. dist., and raised a mound of earth 1 ft.
00.00	high, 3 ¹ / ₂ ft. base around post.
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 (8 %
	marked I. Ion S. 18 on N F. P 220 9
	on S. E. S. 24 on S. W. and S. 13 on N. W. faces,
	with & notch to on S. and 3 notches on Wedness
	any pits, 18 x 18 x 12 ins. in each Sec., 5h H dist
	and raised a mound of earth 2 ft. high, 41 ft. base
	around post. from which .
	A Juniper 12 ins. diam. bears J. gow, 14 lks. dist.
	marked T. 104, R. 218, S., 24 B. T.
	A Juniper 1, ine diam 2.
	marked T. 101. R. 28, S., 19 B. T.
and the second	, ~, / D.1.
and the second s	

W. B. T. 10 N. R. 22 E. G. & S. R. M.

BOOK 1398

4%

Chains.

No other trees within limits. Land molling. Soil 3 m rate. Timber of Pine a Jumper. Vegetation, bunchques. V. 3'4 on a true line between sections 19 2 24, Va. 13000 East. Ascend. Ho. 00 Set a Saua stone 20 \$ 16 \$ 10 ins., 15 ins. in the ground, for 1 Sec. Cor., marked 1 on w. face, and raised a mound of stone alongside. Pits impracticable. 57.85 A Yellow Pine 30 ins. diam. 54 38 A Yellow Pine 13 ins. diam. 69.89 Top of Ridge, bears E. 2 a. and descend. 80.00 Set a Saun stone 30 \$ 20\$ 4 ins. 22 ins. in the ground for Cor. to Secs. 19, 24, 25 20, marked with I notches on S. and 4 notches on H edges and raised a mound of stone. alongside. Pits impracticable. from which I Yellow Pine 20 ins. diam. bears J.65W, 50 lks. dist.

BOOK 1398 W.B.T. 10 N. R.22 E. G. & S. R. M.

Chains,

marked T. 104. R: 24 8, S., 25 B. T. A Yellow Pine 21 ins. diam. bears n. 20 al, 39 Uks. dist. marked T. 10 1. R. 216, S., 24 B. T. A Yellow Pine 18. ins. diam. bears J. 80°8° 44 Iks. dist. marked T. 101. R. 228, S., 30 B. T. no ocher trus within limits 3m rate. Soil Timber of Price 200 Oak. Vegetation, buckgrass, D. 3'US. on a true line between sections 25 430 Va. 13º 36 . East. Descend. 2.00 Cross Road, bears, E. Z. W. 3. 30 A Yellow Pine 20 ins. diam. 4. 40 Gross Wash, 20 Uks. wide, Course (and ascend. 40.00 Set a Sauce stone 16 x 10 x 9 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on 20. face, and raised a mound of stone. alongside, Pits impracticable. from which

W. B. T. 10 N. R. 22 E. G. & S. R. M.

200A 1398

49

Chains,	
Unamisi	
	A Yellow Pine 13 ins. diam. bears S. 6°E, 49 Iks. dist.
	marked & S. B. T.
	A White Oak & ins. diam. bears & soul, 60 1ks. dist.
	marked 1 S. B. T.
80.00	Set a Sand stone 1/x 1/x Gins. 11 ins. in
	the ground for Cor. to Secs. 25, 30, 31 and 36 marked
	with / notch on S. and Snotch to on H edges and
	raised a mound of stone. alongside. Pits impracticable.
	A Yellow Pine 13 ins. diam. Bears of. 30 . C. 4 Iks. dist.
	marked T. 10 4., R. 22 E, S., 31 B. T.
	A Yellow Pine 14 ins. diam. bears S. 4 3 al, og Uks. dist.
	marked T. 10 11., R. 2 18, S., 36 B. T.
	A Yellow Pine 13 ins. diam. bears 7. 50 °W, So Iks. dist.
	marked T. 104. R. 218, S., 25 B. T.
	A White Oak 10 ins. diam. bears 2. 51°E, 54 lks. dist.
	marked T. 104. R. 228, S., 30 B. T.
	Land rolling.
	Soil 3rd rates,
	Heavy timber of Price In Oak.
	Undergrowth of same.
	CARLES CARLES CONTRACTOR
1	

,50

W.B. T. 10 N. R. 22 E. G. & S. R. M.

Chains. 0.3'4 on a true line between sections 31 % 36. Va 130,311 East. Ascend. 2.2.8 6 Top of Spur, bears E. & W. and descend. 39.00 Cross Wash, 20 Iks. wide, Course Assendand ascend. 40.00 Set a Sand stone 14 \$ 10 \$ 6 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 28 ins. diam. bears H. For E. 34 lks. dist. marked 1 S. B. T. A White Oak 6 ins. diam. bears N. Freul 33 Uks. dist. marked 1 S. B. T. 59.88 Top of Spiur, bears 6. Fall and descend. 80.00 The Cor. to Tps. 9 2, 10 N. Rs. 21 & 228 Land mountainous Soil 3nd rate. Heavy timber of Pine The Oak Undergrowth of same I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. January 26 the 1883

7. B T. 10 N. R. 21 E. G. & S. R. M.

51

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 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. I took the latitude and found it to be 34° 16' Marca From the Cor. to Tps. 10 & 11 7. Rs. 20 . & 21.6. previously set by me. Irun on a random line on 2, B. of Tp. East. Va. 13, 30 East. I set temporary corners at every half mile, and at 5 miles 28.06 chs. I arrive at a point 288 lks. North of Cor. to Thes. 10 an 1171. Rs. 21 a 226. previously described From which corner I run. 7.89° 39 W. on a true line between sections 1 20 36. Va. 14º00' East. Descend. 40.00 Set a basact stone 16 \$ 10 \$ 9 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on 2. face, and raised a mound of stone. alongside. Pits impracticable.

02 M. B. T. 10 N. R. 21 E. G. & S. R. M.

Chains, from which A Yellow Pine 9 ins. diam. bears S. 72°6, 29 lks. dist. marked 1 S. B. T. A Yellow Pine 10 ins. diam. bears 7. 30°E. 42 Uks. dist. marked & S. B. T. 80.00 basact stone 32 x 18 x 6 ins. 24 ins. in Set a the ground for Cor. to Secs. 1, 2, 35 and 06 marked with I notch to on W and / notch on E. edges and raised a mound of stone. alongside, Pits impracticable. Land rolling. Soil 3 m rate, Heavy timber of Pare The Oak Undergrowth of same

7. 3 T. 10 N. R. 21 E. G. & S. R. M.

1000

53

hains. 1.89° 39'W, on a true line between sections 2 an 30. Va 130001 East. Descend. 40,00 Set a basact stone 22\$ 12 \$ 7 ins., 16 ins. in the ground, for 1 Sec. Cor., marked 1 on 7. face, and raised a mound of stone. alongside. Pils impracticable. from which A Juniper 12 ins. diam. bears of 32° ul 40 lks. dist. marked 1 S. B. T. A Juniper 10 ins. diam. bears S. 4006 59 Iks. dist. marked 1 S. B. T. Cross Creek, 30 Uks. wide, Course 1.10°E, and ascend. 12.05 80.00 Set a Gasact stone 40 x 20 x 6 ins. Jo ins. in the ground for Cor. to Secs. 2, 3, 34 2 35 marked with 4 notches on Mand 2 notch 20 on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 22 ins. diam. bears W. 86° 6, 32 lks. dist. marked T. 114. R. 216, S., 35 B. T. A Juniper 30 ins. diam. bears n. 20°W 190 lks. dist. marked T. 11 11., B. 216 . S. 34 B. T.

BOOK 1090 54 n.B. T. 10 N. R. 21 E. G. & S. R. M.

hains. no other trees within limits. Land rolling. Soil 3m rate. Timber of Pine Ta Jumper. Veyetation , banchgrass. M. 59°39' W, on a true line between sections 3 3 34. Va. 13000' East. Descend. 29.30 Gross road from Suavflake te Camp apache braro M. 200, 40,00 Set a lune stone 18 \$ 15 \$ 9 ins. 12 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 20 ins. diam. bears M. JSeul 146lks. dist. marked & S. B. T. No other trees within limits. 60.00 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 2.34, marked T. 1. 4. S. 34 . on N. E., R. 216, S.3 on S. E. S. 4 on S. W. and S. 33 on N. W. faces

BOOK 1398 *M. B.* T. 10 N. R. 21 E. G. & S. R. M.

0 J

hains.

with 3 notch so on Wand 3 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, 41 ft. base around post. from which A Juniper 6 ins. diam. bears S. G9 W. 113 Uks. dist. marked T. 10 1. R. 2/ 6, S., 4 B. T. A Juniper 5 ins. diam. bears of. 34 °6. 70 lks. dist. marked T. 10 M., R. 218, S., 3 B. T. No other trees with n limits. Land rolling. . Soil 3 - rate. Timber of Price ta Jumper. Vegetation, bunchgroves.

56 BOOK 1398 *U.B.* **T.** 10 N. R. 21 E. G. & S. R. M.

• (

ains. 7. 59° 39'W. on a true line between sections 4 3 33 Va. 130001 Fast. A scend. 20. 14 Top of Spur, bears U. Rea Q. and descend: 40,00 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 N. face, dug pits, 18 x 18 x 12 ins., E. and Lor. of post 5 ft. dist., and raised a mound of earth 1 ft. Nigh, 31 ft. base around post. from which A Juniper 40 ins. diam. bears U.10° E. 202 lks. dist. marked 1 S. B. T. No other trees within limits. 80.00 Set a Sand stone 16 x16 x q ins. 11 ins. in the ground for Cor. to Secs. 4, 5, 32 3 Barked with Inotches on Br and 4 notches on E. edges and raised a mound of stone. alongside Pits impracticable. Land rolling. Soil 3 m rate. Timber of Puice En Junifeer. Vieveration, burelignes.

71. B. T. 10 N. R. 21 E. G. & S. R. M. No. 1398 Chains. M. 89°39 W, on a true line between sections 5 m 32. Va. 12°00 East. Descend. 9.70 Cross Wash, 10 Uks. wide, Course M. E. and ascend. 22.71 Top of Spur, bears ZI. Row and descend. 36.12 Cross Wash, 7 Uks. wide, Course Soo E, and ascend. 40,00 Set a Gasalt stone 14 \$ 12\$ 6 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on 2. face, and raised a mound of stone. alongside. Pits from which impracticable. A Yellow Pine 16 ins. diam. bears d. 7200 156 lks. dist. marked 1 S. B. T. A Yellow Pine 16 ins. diam. bears 7.5 -E. 124 lks. dist. marked 1 S. B. T. 70.00 Top of Spur, bears U. and descend. 80.00 Set a Vana stone 16x 10x 7 ins. 1/ ins. in the ground for Cor. to Secs. J. G. 31 % 32 marked with 1 notch on By and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Juniper & ins. diam. bears 21. 30°6. 9, 1ks. dist. marked T. 114, R. 218, S., 32 B. T.

58 BOOK 1398 M.B. T. 10 N. R. 21 E. G. & S. R. M.

Chains, I Yellow Pine 6 ins. diam. bears I. 21°E, 29 1ks. dist. marked T. 1011, R. 216, S., J- B. T. No other trees within limits. Land mountainous 3 nd rate. Soil Timber of Paie Fa Jamper. Vegetation, buncheques. 1.89° 39 W. on a true line between sections 6 Sec 31. Va. 13000 - East. Descend. 14.10 Cross Wash, 7 Uks. wide, Course S.12 E and ascend. 38.00 Top of Spur, bears U. E. S. and descend. 40,00 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 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. from which A White Oak & ins. diam. bears M. 1°E. 96 Iks. dist. marked 1 S. B. T. A Juniper 6 ins. diam. bears S. 3°W. 60 lks. dist.

M. 3. T. 10 N. R. 21 E. G. & S. R. M.

Chains. marked 1 S. B. T. 53.91 Cross Wash, 5 Uks. wide, Course S. E. and ascend. 77.65 Top of Spur, bears U. Tero, and descend. 78.06 The Cor. to Tps. 10 2011 N. Rs. 20 & 21 6. Land mountainous Soil 3m rate. Timber of Pine The Jumper. Vegetation, bunchigras. January 27 00 1883.

60 BOOK 1398 U. G. T. 9 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 compuss 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 Tps. 9 & 10 11. Rs. 20 . & 216. previously set by me. East. on a random line on ZI B. of Tp. I run Va. 13.001 East. I set temporary corners at every half mile, and at J miles 79. 15 chs. I arrive at a point 156. Iks. North of Cor. to Tps, 9 m 10 M, Ro. 21 m 22 E, previously set by me. From which corner I run. 1.89° 49 W. on a true line between sections 1 2 36. Va. 130311 Bast. Descend. 39.90 Cross Wash, 9 Uks. wide, Course M.S. e. and ascend. 40.00 Set a Sana stone 12 210 2 4 ins. 8 ins. in the ground, for 1 Sec. Cor., marked 1 on 2/ . face, and raised a mound of stone. alongside. Pits impracticable. from which

BOOK 1398 61 M.B. T. 9 N. R. 21 E. G. & S. R. M.

hains.	
	A Yellow Pine 19 ins. diam. bears of soul 90 lks. dist.
	marked & S. B. T.
	A Yellow Pine 11 ins. diam. bears N. Jour, 100 lks. dist.
1	marked & S. B. T.
	Cross Wash, 7 Uks. wide, Course N. Erres mad Jone Curve plake to
	Fonst dale trans N. and S.
80.00	Set a Pauce stone 19x12x > ins. 14 ins. in
	the ground for Cor. to Secs. 1, 2, 35 2 36, marked
	with 5 notches on By and 1 notch on E. edges and
	raised a mound of stone. alongside. Pits impracticable.
- 1 - 1	from which
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	A White Oak Tins. diam. bears O. 48 8, 37 Uks. dist.
Sec. 1	marked T. 94., R. 216, S., J. B. T.
	A Yellow Pine 9 ins. diam. bears S. 2.3 °W, 44 lks. dist.
	marked T. 94, R. 216, S., 2 B. T.
101	A Yellow Pine 10 ins. diam. bears 2. 1808, Bo lks. dist.
	marked T. 10 4. R. 21 E, S., 36 B. T.
	n Yellow Pine 6 ins. diam. bears 9, 24 °W, 126 lks. dist.
-	marked T. 104., R. 218, S., 35 B. T. Land rolling.
	Soil 3 and rate,
	Heavy timber of Phie & Oak
	Undergrowth of same.

62 BOOK 1398 *U.B.* T. 9 N. R. 2/ E. G. & S. R. M.

Chains, 1.89° 49' W. on a true line between sections 2 than 35. Va. 13000 East. Ascend. Set a Vand stone 18 x 13 x U ins. 12 40.00 ins. in the ground, for 1 Sec. Cor., marked 1 on 2/. ai i face, and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 7 ins. diam. bears A. JoE, 31 Iks. dist. marked 1 S. B. T. A Yellow Pine 9 ins. diam. bears of 2 seal 63 lks. dist. marked 1 S. B. T. 42. 73 Top of Spur, bears N.10° E. and descend. 80.00 Sana stone 20 x12 x10 ins. 15 - ins. in Set a the ground for Cor. to Secs. 2, 3, 34 3 ST marked with 4 notches on stand 2 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 9 ins. diam. bears 21.4 2 6. 50 lks. dist. marked T. 10 H. R. 216. S., OU B. T. A Yellow Pine 10 ins. diam. bears J. 5505, 88 Uks. dist. marked T. 94. R. 216, S., 2 B. T.

63

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

Chains. A Yellow Pine 12 ins. diam. bears J. 62 °w, 4 V lks. dist. marked T.94. R. 216, S., 3 B. T. I Yellow Pine "16 ins. diam. bears 7.37° 128 Uks. dist. marked T. 10 M., R. 216, S., 34 B. T. Land mountainous 3 sec Soil rate. Reavy timber of Price The Oak, Undergrowth of Dance, N. 89° 49 'W. on a true line between sections 3 2 34. Va. 130001 East. Descend. 7. 70 Cross Wash, 10 Uks. wide, Course 21, and ascend. 10.00 Set a Sand stone 15 x 10 x G ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. face, and raised a mound of stone. alongside. Pits impracticable. from which A Pine 13 ins. diam. bears n. 10°C., Jy Iks. dist. marked 1 S. B. T. 95 - Iks. dist. A Pine 7 ins. dian. bears of you marked & S. B. T.

M. B. T. 9 N. R. 21 E. G. & S. R. M.

Chains. 53, 12 Top of Ridge, bears 2. 10-W. and descend. 77.42 A Yellow Pine 13 ins. diam. Gasaet stone 14x 12x 8 ins. 7 ins. in 80.00 Set a the ground for Cor. to Secs. 3, 4, 33 and 34 marked with 3 notch so on Brand 3 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 12 ins. diam. bears M.4 2° 481ks. dist. marked T.10 M., R. 216, S., 33 B.T. A Yellow Pine // ins. diam. bears of 2/°W 53 lks. dist. marked T. 911, R. 218, S., 4 B. T. A Juniper 15 ins. diam. bears J. 44°8, 157 lks. dist. marked T. 94 R. 216, S., 3 B. T. A White Oak 7 ins. diam. bears S. JJE, JJIks. dist. marked T. 74. R. 216, S., 3 B. T. Land mountainous Soil 3re rate. Heavy timber of Pine Ine Oak Undergrowth of Dame.

7. 78 T. 9 N. R. 21 E. G. & S. R. M.

1090

60

Chains. 1.89° 49' W on a true line between sections 4 2 33. Va.1.3000 East. Descend. 30.76 Head of Wash course S. 00°4, and descend. 40,00 2 Yellow Pine 10 ins. diam. which I marked & S. an Z face, for 1 Sec. Cor.; from which A White Oak 6 ins. diam. bears 4.20°W 58 lks. dist. marked 1 S. B. T. i Yellow Pine 9 ins. diam. bears of your 71 lks. dist. marked 1 S. B. T. 80.00 Set a Sand stone 20x 17x gins. 15 ins. in the ground for Cor. to Secs. 4, 5, 329 33, marked with 2 notches on Wand 4notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land rolling. Soil 3 me rate. Timber of Price an Oak. Vegetation brenchques.

66 BOOK 1398 *M. B.* T. 9 N. R. 21 E. G. & S. R. M.

hains. 7.89° 49'W. on a true line between sections 5 and 32 Bast. Va. 13"00' Descend. Vana stone 24 \$ 18\$ 9 ins., 18 40.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on M. face, and raised a mound of stone. alongside. Pits impracticable. from which A White Oak 9 ins. diam. bears 2. 3.2°4, 25 Uks. dist. marked & S. B. T. A Yellow Pine 14 ins. diam. bears S. Jocul 83 lks. dist. marked 1 S. B. T. Cross Wash, 7 Iks. wide, Course 2.64 und ascend. 78.90 80.00 Set a Sand stone 23 x 16 x > ins. 1 4 ins. in the ground for Cor. to Secs. J, G, 31 3 32 marked with I notch on stand s notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine & ins. aum. years 7. 17°8. 26 lks. dist. marked T. 10 H. R. 216, S. 32 B. T. No other trees within limits. Soil 3 me rate Timber of Price The Oak. Vegetation bunchegrado.

67 BOOK 1398 U.13. T. 9 N. R. Z/ E. G. & S. R. M. Chains.

U. 89°49'W, on a true line between sections 6 2 31, Va. 130001 East. Descend. 6.20 Cross Wash, & Uks. wide, Course of 70° al. and descend. 18142 Tross Wash, 9 Uks. wide, Course S. oE and ascend. Sand stone 24 \$ 12 \$ 6 ins., 18 40.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on 2/. face, and raised a mound of stone. alongside. Pits impracticable. 60. 17 Top of Spur, bears 71. 20°E. and descend. 79.15 The Cor. to Tos. 9 2010 N. Rs. 20 & 218 Land rolling. Soil Bre rate Timber of Pure and Oak. Vegetation, bunchgmas. January 29th 1883.

W. 13. T. 9 N. R. 20 E. G. & S. R. M.

Chains,

80.00

Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes 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 Tps. 9 N. Rs. 19 \$ 206 previously set by me. I run: North on a true line between sections 31 90036 Va. 14º 10' East. Descend. 40.00 Set a Sand stone 20 x 12 x 10 ins., 15 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Live Oak 20 ins. diam. bears S. For 90 lks. dist. marked & S. B. T. I Live Oak 12 ins. diam. bears n. 600 8 og lks. dist. marked 1 S. B. T. 59.00 Gross Wash, 6 Uks. wide, Course 480°E and ascend Set a Jana stone 19 x 8 x 6 ins. 1 4 ins. in

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

PLES Y

1030

69

Chains.

the ground for Cor. to Secs. 25, 30, 81 3 36, marked with / notch on S. and rotch to on g. edges and raised a mound of stone. alongside, Pits impracticable. from which A Juniper 6 ins. diam. bears S. 46° W, O3 Iks, dist. marked T. 94., R. 198., S., 36 B. T. A Juniper & ins. diam. bears J. 32: E. 40 Iks. dist. marked T. 94, R. 20 6, S., 31 B. T. A Juniper J ins. diam. bears M. 10 °E, 47 2ks. dist. marked T. 94, R. 208, S., 30 B. T. No other trees within limits. Land mountainous Soil 3rd rate. Timber of Pine "a Jumper. Vegetation, bunchagnes.
10

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

Chains, North on a true line between sections 25 and 30. Va. 14º 30' East. Ascend. 40.00 Set a Vana stone 16 x 8 x 4 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 6 ins. diam. bears J. 66 al, 25 lks. dist. marked 1 S. B. T. A Yellow Pine 12 ins. diam. bears & 42°E, 19 lks. dist. marked 1 S. B. T. Head of Wash course S. 70° E. Fastice arend! 51.18 80.00 Set a Vana stone 18 x9 x6 ins. 12 ins. in the ground for Cor. to Secs. 19. 24, 25 % 30 marked with 2 notches on S. and 4 notches on H. edges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 12 ins. diam. bears J. Os 6, 63 lks. dist. marked T. 94, R. 20 6, S., 30 B. T. A Yellow Pine 9 ins. diam. bears S. 280 87 lks. dist. marked T.94., R. 198, S., 25 B. T.

W. B T. 9 N. R. 20 E. G. & S. R. M.

Chains.

A Yellow Pine 16 ins. diam. bears 4.66% or lks. dist. marked T.911, R. 206, S., 19 B. T. A Juniper 6 ins. diam. bears 21. 41°W. 59 Iks. dist. marked T. 911, R. 196, S., 24 B. T. Land mountainous 3 rd rate. Soil Heavy timber of Phie Ga Juniper. Undergrowth of Dame. North on a true line between sections 19 2 24. Va. 14010' East. Ascend. 23.30 Top of Ridge, bears S. 20° ul. and descend. Ho. op Set a Jana stone 22 \$ 10 \$ & ins., 16 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. 65.20 Cross Gulch, 17 Iks. wide, Course J. 370 and ascend. 80.00 Set a Sand stone 16 x 8 x 6 ins. 1, ins. in the ground for Cor. to Secs. 13, 18, 19 32 24, marked with 3 notch to on S. and 3 notches on Medges and raised a mound of stone. alongside, Pits impracticable. from which

BOOK 1398

72

W. B. T. 9 N. R. 20 E. G. & S. R. M.

C Chains, I Yellow Pine 20 ins. diam. bears S. 4 56, 63 Uks. dist. marked T. 9 1. R. 206, S., 19 B. T. No other trees within limits. Land mountainous Soil 32 rate. Timber of Price, Veyetation bunch gros. North on a true line between sections 13 and 18. Va. 16º 15' East Ascend. 38.00 Top of Ridge, bears n. 12°W and descend. 20.00 Set a Vaux stone 18 x 10 x 9 ins. 12 ins. in the ground, for 1 Sec. Cor., marked 1 on 20. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine & ins. diam. bears S. 872 36 Uks. dist. marked & S. B. T. A Yellow Pine 10 ins. diam. bears 2. 51°E, 17 Iks. dist. marked 1 S. B. T.

BOOK 1398 W. /3. T. 9 N. R. 20 E. G. & S. R. M.

Chains, 50.00 Cross low Sag and ascend. 70.00 Top of Spur, bears Z1. 30°E, and descend. Sana stone 16x & x G ins. 1/ ins. in 80.00 Set a the ground for Cor. to Secs. 7, 12, 13 and if marked with 4 notches on S. and 2 notches on The edges and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 14 ins. diam. bears U. JG a G3 Iks. dist. marked T. 94., R. 198, S., 12 B. T. A Yellow Pine 10 ins. diam. bears U. 20°E, 34 lks. dist. marked T. 94. R. 208, S., 7 B. T. A Yellow Pine & ins. diam. bears of 65 W 39 Uks. dist. marked T. 91. R. 198, S., 13 B. T. a Bur Oak 6 ins. diam. bears S. 4° 6. 15 Uks. dist. marked T.94. R. 208, S., 18 B. T. Land mountainous Soil 3rd rate, Heavy timber of Price Cak, Undergrowth of Same

74 BOOK 1398 W. B. T. 9 N. R. 20 E. G. & S. R. M.

Chains.	
	North on a true line between sections 7 2 12
· · · · · · · · · · · · · · · · · · ·	Va. 14º10' Rast.
	Descend.
19.80	Cross Wash, 18 Uks. wide, Course 2. E. and ascend.
30,00	Top of Spur, bears 7.E, and descend.
	Set a vanastone 18 x 10 x 8 ins., 12
and the second se	ins. in the ground, for 1 Sec. Cor., marked 1 on w.
	face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 20 ins. diam. bears 7.57%, 58 lks. dist.
	marked 1 S. B. T.
	A Yellow Pine 6 ins. diam. bears U.45°E, 5-1 lks. dist.
	marked & S. B. T.
63.20	Cross Wash, 18 Uks. wide, Course 4.20 3 and ascend.
80.00	Set a Same stone 16 x 12x 6 ins. 11 ins. 29
	the ground for Cor. to Secs. 1, 6, 7 2 12 marked
	with I notch to on S. and / notch on Wedges and
	raised a mound of stone. alongside. Pits impracticable.
	from which
	A Yellow Pine 20 ins. diam. bears N. 32° ul, 57 lks. dist.
	marked T. 94. R. 17 & , S., / B. T.
	a Bur Oak & ins. diam. bears S. 45 af of Uks. dist.

W. 13 T. - N. R. 20 E. G. & S. R. M.

Chains. marked T.94, R. 198, S., 12 B. T. 100 a Bur Oak & ins. diam. bears U. 64 6 56 Iks. dist. marked T. 94. R. 208, S., 6 B. T. a Bur Oak 12 ins. diam. bears 33°6, 36 lks. dist. marked T. 94, R. 20 E. S., 7 B. T. Land mountainous Soil 3rd rate. Heavy timber of Pare to Dak Undergrowth of same. North on a true line between sections / Fra 6. Va. 14º1,- East. A scend. 2.00 Top of Spur, bears U. 20°6. and descend 7.63 Cross Wash, 16 Uks. wide, Course 270-6 and ascend. 15. 70 Top of Spur, bears E. Fa W. and descend. 25,40 Cross Creek, 20 lks. wide, Course S. 80°E. and ascend. 38.00 Top of Spur, bears S. E. and descend. Hrc. 00 Set a Sand stone 16 \$ 8 \$ 4 ins., 1) ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. from which

W.B. T. 9 N. R. 20 E. G. & S. R. M.

Chains,	
	A Yellow Pine 20 ins. diam. bears U. H. W. SC Ws. dist. marked & S. B. T.
1	I Yellow Pine 12 ins. diam. bears 212 6, 98 lks. dist. marked 4 S. B. T.
53.47 80.00	
	ground, for Cor. to Tps. 9 and 104 R's 19 and 205., marked with 6 notches on each edge, and raised a
	mound of stone. avonyside. Pits impracticable. from which
	A Yellow Pine 24 ins. diam. bears & 42°6, 68 Uks. dist. marked T. 911, R. 20 E, S., 6 B. T.
	A Yellow Pine 14 ins. diam. bears M.23°E, 49 lks. dist. marked T. 10 11, R. 206, S., 31 B. T.
	a Bur Cak 8 ins. diam. bears of #8° 4 86 Uks. with marked T. 911, B. 19E, S., / B. T.
	No other trees within limits.
	Land mountainous. Soil 3 200 rate,
	Heavy timber of Price an Oack. Undergrowth of same
	January 30 ca 1883.

BOOK 1398 M. 73. T. 9 N. R. 20 E. G. & S. R. M.

Chains, Before proceeding further with the exteriors of this The. I made a change of 6 minutes in the latitude ore adding of my solar compass by 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. 9 & 10 11, Rs. 19 . & 206 penviously set by me, I run East. on a random line on M. B. of Tp. Va. 14º 30' East. I set temporary corners at every half mile, and at G miles . To cas. I arrive at a point 2 30 lks. North of Cor. to Tps, 9 ma 10 11. Ro. 20 ma 21 6. previously set by me. From which corner I run. 2. 89 44W on a true line between sections 1 200 36 Va. 130nd' East. Descend. 16. 90 Cross Wash, 15 Uks. wide, Course S.48 wand ascend. 83.00 Top of Spur, bears S. 4500. and descend. 40.00 Set a Sand stone/8 \$ 10 \$ 3 ins., 12 ins. in the ground, for 1 Sec. Cor., marked 1 on M. face, and raised a mound of stone. alongside. Pits impracticable.

Chains,

M.B. T. 9 N. R. 20 E. G. & S. R. M.

from which a Bur Oak, F ins. diam. bears 2. 78°E., 67 Iks. dist. marked 1 S. B. T. a Bur Oak 4 ins. diam. bears S. Jo E. 60 lks. dist. marked 1 S. B. T. 57. 60 Cross Wash, 20 Uks. wide, Course S. A. and ascend. 64.00 Top of Spur, bears U. and and descend. 67. 35 Cross Wash, 18 Uks. wide, Course V. and ascend. 75. 50 Top of Spur, bears S. 2 3°W. and descend. 80.00 Set a Sand stone/ 8 x 10 x 4 ins. 1 2 ins. in the ground for Cor. to Secs. 1, 2, 30 % 36 marked with snotch to on B and | notch on E. edges and raised a mound of stone. alongside, Pits impracticable. from which I Yellow Pine 10 ins. diam. bears 4. 27°E. 71 lks. dist. marked T. 10 4., R. 20 E, S., 36 B. T. I Yellow Pine 20 ins. diam. bears M. Goral, 54 lks. dist. marked T. 10 U., R. 20 6, S., 35 B. T. A Yellow Pine & ins. diam. bears of 24°6, 47 lks. dist. marked T. 94., R. 20 E. S., / B. T. a Bur Oak J ins. diam. bears of 22° w, 72 Iks. dist.

BOOK 1398

7. 13. T. 9 N. R. 20 E. G. & S. R. M.

Chains. marked T. 94. R. 208, S., 2 B. T. Land mountainous Soil 3 me rate. S. P. Marke Heavy timber of Pine Fra Oak. Undergrowth of same, U. 89° 44 W. on a true line between sections 2 and 35. Va. 13º18 Rast. Descend. 10. 95 Cross Wash, 21 Uks. wide, Course of and ascend. 26,00 Top of Spur, bears S. 1894. and descend. 040.00 Set a Sama stone 18 \$ 10 \$ 3 ins., 12 ins. in the ground, for 1 Sec. Cor., marked 1 on 21. face, and raised a mound of stone. alongside. Pits from which impracticable. A Juniper 10 ins. diam. bears M. 24°E, 30 Uks. dist. marked 1 S. B. T. a Bur Oak 6 ins. diam. bears J. 13° 6. 14 Iks. dist. marked & S. B. T. 5. 30 Cross Wash, 18 Uks. wide, Course SG6 Eand ascend. 80.00 Set a Sand stone 22x 16x 4 ins. 16 ins. in the ground for Cor. to Secs. 2, 3, 34 and 35 marked with 4 notches on sy and 2 notch to on E. edges and raised a mound of stone. alongside. Pits impracticable.

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

80

Chains. from which A Yellow Pine 10 ins. diam. bears 4.58°E. 40 lks. dist. marked T. 10 1., R. 20 E, S., 35 B. T. A Yellow Pine & ins. diam. bears M.H. Cul 59 Uks. dist. marked T. 10 H. R. 20 E. S., 34 B. T. A Juniper 6 ins. diam. bears V. 70°E. 24 Uks. dist. marked T. 91. R. 20 & S., 2 B. T. No other trees within limits. Land mountainous Soil 3 m rate. Heavy timber of Plice the Juniper. Undergrowth of Same.

7. B. T. 9 N. R. 20 E. G. & S. R. M.

81

Chains, 1.89° 44'ul on a true line between sections 32 4. Va. 13" 32' East A scend. 18.11 Top of Spur, bears S. 18° E. and descend. 10.00 Set a Sand stone 18 2 10 2 4 ins., 12 ins. in the ground, for 1 Sec. Cor., marked 1 on 1/1. face, and raised a mound of stone. alongside. Pits from which impracticable. A Yellow Pine & ins. diam. bears 1.66°E 16 lks. dist. marked 1 S. B. T. A Yellow Pine 6 ins. diam. bears S. +7°w. 39 lks. dist. marked & S. B. T. 55.40 Cross Wash, 20 lks. wide, Course S. 4 3 W. 62. 70 Cross Wash, 30 Uks. wide, Course S. 18 6 and ascend. 77.00 Top of Spur, bears 9.22° E. and descend. 80.00 the ground for Cor. to Secs. 3, 4, 33 3 34, marked with 3 notches on Bland 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which a Bur Oak 12 ins. diam. bears U. 64 ° 46 Iks. dist. marked T. 10 H, R. 208, S., 33 B. T.

N.B. T. 9 N. R. 20 E. G. & S. R. M.

Chains,

& Bur Oak 14 ins. diam. bears S. 130 E. 23 Iks. dist. marked T.94. R. 208, S., 3 B. T. a Bur Oak 10 ins. diam. bears of 74°W, 69 Iks. dist. marked T. 94, R. 206, S., 4 B. T. No other trees within limits. Land mountainous 3 rate rate. Soil Heavy timber of Pure 200 Barry Oak Undergrowth of Game, 1.89°44'L. on a true line between sections 4 5 33. Va. 130 30' East. Descend. .75 Cross Wash, 11 Uks. wide, Course M. E. and ascend. Sana stone 16 2 8 2 6 ins., 11 140.00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on 1/. face, and raised a mound of stone. alongside. Pits impracticable. from which A Yellow Pine 16 ins. diam. bears n. 5°W, 53 lks. dist. marked 1 S. B. T. a Bun Oak 10 ins. diam. bears S. J. F. E. 43 lks. dist. marked & S. B. T.

U.B. T. 9 N. R. 20 E. G. & S. R. M.

83

Chains. H6.00 Top of Spur, bears 8. 30° E and descend. 68.16 Cross Wash, 20 Uks. wide, Course P. 20 %, and ascend 80.00 Set a Sand stone 14 x 10 x & ins. 9 ins. in the ground for Cor. to Secs. H. J. 3 2 4 83, marked with Inotchio on Wand 4 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. from which A Yellow Pine 22 ins. diam. bears 21. al. 47 lks. dist. marked T. 104. R. 206, S., 82 B. T. A Yellow Pine 10 ins. diam. bears of 6894 45-lks. dist. marked T. 94., R. 20 6, S. 5 B. T. An Oak & ins. diam. bears of 82%. 56 Iks. dist. marked T. 94. R. 206, S., 4 B. T. No other trees within limits. Land mountainous 3 m rate Soil Heavy timber of Price For Oak, Undergrowth of Dame.

DOOR 1000

M.B. T. 9 N. R. 20 E. G. & S. R. M.

Chains H. 89 "44 W, on a true line between sections 5 Fra 32. Va. / 30 30' East. Ascend. 20. 00 Top of Spur, bears S. 30 - 8 and descend. 40.00 Set a Sana stone 20 \$ 16 \$ \$ ins., 10 ins. in the ground, for 1 Sec. Cor., marked 1 on 21 . face, and raised a mound of stone. alongside. Pits impracticable. from which In Oak 10 ins. diam. bears J. 64 °E, 54 lks. dist. marked 1 S. B. T. aWalnut to ins. diam. bears 7.400 54 Uks. dist. marked 1 S. B. T. 56. 23 Cross Wash, 20 Uks. wide, Course J. 37 Eand ascend. 67.00 Top of Spur, bears S.E. and descend 80.00 An Oak 8 ins. diam. which I marked The N. S. 320n N. E. R. 208. S. 5 01 S. E. S. 6 on S. W. and S. 31 on N. W. faces, with I notch on A and 5 notch to on E. edges, for Cor. to Secs. J, 6, 31 2 32 from which An Oak 8 ins. diam. bears n. 50°W. 77 lks. dist. marked T. 104. R. 206, S., 31 B. T.

EOOK 1398

71. B. T. 9 N. R. 20 E. G. & S. R. M.

Chains. An Oak 6 ins. diam. bears 4.75° E. 57 lks. dist. marked T. 1011, R. 206, S., 32 B. T. An Oak & ins. diam. bears 9.23° E. V3 1ks. dist. marked T.94, R. 208, S. 5 B. T. No other trees within limits. Land mountainous Soil Bad rate. Heavy timber of Pine Free Oak Undergrowth of Dame. 1.89° 44 Won a true line between sections 6 24 a 31. Va. 140 14 East. Descend. 11.00 Cross Wash, 16 Uks. wide, Course J. & and ascend. 22.22 Top of Spur, bears 5. 30° E. and descend. 39.19 Cross Wash, 18 Uks. wide, Course of 10° E and ascend. 41.00 Set a Sand stone 16\$ 9 \$ 6 ins., 11 ins. in the ground, for 1 Sec. Cor., marked 1 on U. face, and raised a mound of stone. alongside. Pits impracticable. from which The Oak & ins. diam, bears M. VE al. 37 Iks. dist.

8% BOOK 1390 7.13. T. 9 N. R. 20 E. G. & S. R. M.

Chains. marked 1 S. B. T. An Oak 10 ins. diam. bears S. 60°E, 9 Iks. dist. marked & S. B. T. 56. 12 Top of Spur, bears of. and descend. 69. 20 Cross Wash, 30 lks. wide, Course Szoraf and ascend, 80. 70 The Cor. to Tps. 9 - 10 N. Rs. 19 & 206. Land mountainous Soil 3 me rate. Heavy timber of Pine Ta Cak Undergrowth of Same January 3/ 2+ 1883. and the second and the second s and interior just-



BOOK 1398

W.13. T. 16 N. R. 30 E. G. & S. R. M.

From the Con. to Tos. 15 3 16 N. Rs. 29 & 30 8. which is a basalt store at fimily in the ground marked with 6 motetes ou cach age, with pits lengthwise on each line, II. S., E. Ma W. of stone, 6 ft. dist, and a mound of easth in good order along side, I run, North on a true line between sections 3/ 2 36 Va. 14 º 13' East. Over level land 21.00 A House, bears 7. 88°E. 4. 18 cho. dist 25. 51 Cross Wash, 4 Uks. wide, Course S. 60°W. Set a lava stone 14 x 10 x 7 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., U. and or . of stone 51 fl. dist., and raised a mound of earth 11 ft. high, 31 ft. base. alongside. Leave Valley, bears E. Za W. and ascend. 57.00 Cara stone 18x12x 7 ins. 12 ins. in 80.00 Set a the ground for Cor. to Secs. 25, 00, 31 3 06, marked with I notch on S. and 5 notches on Hedges and raised a mound of stone. alongside. Pits impracticable. Corner set on

DUUN 1030

W. B. T. 16 N. R. 30 E. G. & S. R. M.

Chains. Top of Mera bears E. Ra W. Land level. The rolling. 2 and rate Soil Vegetation bunchequeso. North on a true line between sections 20 20 30. Va. 14º13' East. Descend. 13.00 Enter Valley, bears, E. Ra W. 40.00 Set a lava stone 14 \$ 12 \$ 6 ins., 9 ins. in the ground, for & Sec. Cor., marked & on a. Pits face, and raised a mound of stone. alongside. impracticable. Cross Wash, 10 Iks. wide, Course S. W. 64,27 80.00 Set a Sand stone 14 x 12 x Jins. 9 ins. in the ground for Gor. to Secs. 19, 24, 25 E 30 marked with 2 notches on S. and 4 notches on Wedges, dag pits 18 x 18 x 12 ins. in each Sec., 52 fl. dist., and raised a mound of earth 2 ft. high 41 ft. base. alongside. Land rolling. Soil que rale Vegetation, bucchgrass.

W B. T. 16 N. R. 30 E. G. & S. R. M.

Chains.

North on a true line between sections 19 Far 24. Va. 14 "13' East. Descend. 50 Gross Wash, 11 Iks. wide, Course W. 18.90 Gross Luni Rin 20 Uks. wide, Course V. W. 19.00 a wind mill, bars E. PH lko dicto 20.00 A House, bears H. 51°W 500 lks dist. A House, bears U. 4814° W. 4. 29 cho. dist 25.00 loves Wingate mad hans H. 50°6. E S. voul 26.00 a come brano W. 68 lks. dist. a stable bran W. 246 lks. dist. 40.00 Set a Sana stone 14 \$ 10 \$ 7 ins.,9 ins. in the ground, for 1 Sec. Cor., marked 1 on. 20. face, dug pits, 18 x 18 x 12 ins. 74 . and 5 . of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base. alongside. 80.00 Sand stone 14 x 12 x g ins. g ins in Set a the ground for Cor. to Secs. 13, 18, 19 2 29. marked with 3 notches on S. and 3 notches on M. edges, dug pils 18 x 18 x 12 ins. in each Sec., 51 ft. dist., and raised mound of earth 2 ft. high 42 ft. base, alongside. Land rolling. and level. Soil 2.11a 110019 Vegetation bunchgrass.

W. B. T. 16 N. R. 30 E. G. & S. R. M.

n	anti-	
11	nair	IS.

70

a dation	
	North on a true line between sections 13 Es 8 Va. 14° 13' East. Ascend.
6	Calebra and the Control of
40,00	Leave Valley, bears E. Ta W. and ascend. Set a vand stone 13x 10x 10 ins., 9
10.00	ins. in the ground, for 1 Sec. Cor., marked 1 on w.
	face, dug pits, 18 x 18 x 12 ins., H. and of . 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. atongside.
60.50	Top of Ridge, bears M. E. W. S. W. and descend.
80.00	Set a sand stone 14x /2x 9 ins. 9 ins. in
	the ground for Cor. to Secs. 7, 12, 13 and 18, marked
	with 4 notch to on S. and 2 notches 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. alongside.
	Land level. and mountainous.
	Soil 3me - rate
	Vegetation bunchgrass.
State of	

BOOK 1898 W. B. T. 16 N. R. 30 E. G. & S. R. M. 91

Chains.

Chains.		
	North on a true line between sections 7 and 12	
1	Va. 149/3' E.	
	Descend.	
5.42	Cross Wash, 7 Iks. wide, Course 20 and ascent	7
02.00	Top of Spur, bears 21.80°6. and descen Set a Cara stone 12 x 9 x 8 ins.8	
	ins. in the ground, for 1 Sec. Cor., marked 1 on lo.	
	face, dug pils, 18 x 18 x 12 ins., 2 . and J . of stone	
2	3 ft. dist., and raised a mound of earth 1 ft. high,	
1	3½ ft. base. atongside.	
79.96	Intersect the 4 to Standard Parallel Horte, at a	Q
	point 2. 72 chs. East of the Standard Cor. to	
hin and	Tpo. 17 M, Ro. 29 9 306, while is a port	
	wate marked store set formaly in the ground	and the second se
	quarken D. C. J. 17 M. m H .;	£.¢°
	R. 30 E, S. 31 ou E. En R. 29 E, S. 36 ou W.	
	faces, with 6 noteties on M. E. Za U. frees	
	with pito associate ou each line, M. E. E. W.	
	of past 6 ft. dist, and a mound of earch	Reports
10.00	in good order, around pot, and	
	Set a post, 41 ft. long. 4 ins. square, with marked	
	stone 12 ins. in the ground, for Closing Cor. to Tps.	
	164 ., R's 29 . and Boto, marked C. C T.	
7		Section in the

BOOK 1398 W. B. T. 16 N. R. 30 E. G. & S. R. M.

Chains. 164. . on S: , R. 306 S. 6 on E. and R. 298. S. 1 on W. faces with 6 notches on S. Erw. faces, and raised a mound of stone 22 ft. high, 5 ft. base, around post, Pits impracticable. Land rolling. Soil Zua. rate Vegetation, bunch graces "a sagetmen. I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. april 2 nd 1883.

93

E. B. T. 16 N. R. 30 E. G. & S. R. M.

Chains.

From the Cor. to Tos. 15 % 16 N. Rs. 30 & 016. which is a post, in good condition set ferricy in the ground, marked J. 16th, S. 31 aut. 6; R. Ji E. d. 6 av of E. V. M. H. S. I av S. W. E. R. 29 E. V. 36 on N.W. Jaces, with 6 noteties on Each eage, with pits lengthirse on each line U. S. E. R. W. of post, 6 ft. dist, and a mound of earth, in good order around post, I run,

North on a true line between sections 3/ 2 36.

Van 13058' East.

Ascend.

69.00

80.00

14. 50 Top of Spur, bears E. Real and descend. 40. 20 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 10. face, dug pits, 18 x 18 x 12 ins., 21. and 5. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. Cross Wash, 12 Uks. wide, Course 2.80-8, and ascend.

> Set a Sauce stone 12 210 2 9 ins. 8 ins. in the ground for Cor. to Secs. 25, 30, 31 % 36 marked with I notch on S. and I notches on Medges, dag pits

BOOK 1398

94

6, 13. T. 16 N. R. 30 E. G. & S. R. M.

Chalns. 18 x 18 x 12 ins. in each Sec., 51 fl. dist., and raised a mound of earth 2 ft. high 45 ft. base. alongside. Land mountainous. Soil 3 mc rate Vegetation, bucch grace. North on a true line between sections 25 Fran 30. Va. 14019' Bast. Ascend. Top of Spur, bears 0.60°6, and descend. 12.00 40.00 Set a lava stone 14 x 10 x 9 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on ar. face, dug pits, 18 x 18 x 12 ins., A. and S. of stone 51 fl. dist., and raised a mound of earth 12 fl. high, 31 ft. base. utongside. 56.00 Gross Gulch, 5 Iks. wide, Course 7. 30°w and ascend. 62,00 Top of Spur, bears 6 and descend. lana stone 20 X 12 X 4 ins Vo ins. M 80.00 Set a the ground for Cor. to Secs. 19, 24, 25 the 30, marked with 2 notches on S. and 4 notches on M. 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.

BOOK 1398

6. B. T. 16 N. R. 30 E. G. & S. R. M.

Chains.

Land mountainous. 2 un Soil Vegetation, bunchgrass. North on a true line between sections 19 % 24. Va. 14019' East. Descend. vand stone 18 x 16 x 3 inst 2 40,00 Set a ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. 78.80 Cross Wash, 10 Iks. wide, Course A. Journal ascend. Vana stone 18 x 16 x 4 ins. 12 ins. in 80.00 Set a the ground for Cor. to Secs. 13, 18, 19 2 24, marked with 3 notches on S. and 3 notches on Hedges and raised a mound of stone. alongside, Pits impracticable. Land mountainous. Soil 2ua main Vegetation bunchgrass "a sagetmak.

96

E. B. T. 16 N. R. 30 E. G. & S. R. M.

1.1

1- --

Chain:	s		224.5
	1	North on a true line between sections 13 For 18. Va. 14219' East Ascend.	
6	00	Top of Spur, bears M. E and descend.	11
		Cross Wash, & Iks. wide, Course of 30 to and ascend.	9 (
30	.00	Top of Ridge, bears U. 80°E, and descend.	
40	.00	Set a Jana stone 12 x 10 x J ins., 8	
		ins. in the ground, for 1 Sec. Cor., marked 1 on w.	
		face, dug pits, 18 x 18 x 12 ins., M. and J. 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.	
80.0	00	Set a post 4 ft. long, 4 ins. square, with marken stone	
		12 ins. in the ground, for Cor. to Secs. 7, 12, 12518	
		marked T. 16 H. S. 7, on N. E., R. 3/ E, 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 notch is on Wedges; dug pits, 18 x 18 x 12 ins. in each Sec., 5% ft. dist.,	
		and raised a mound of earth 2 ft. high, 41 ft. base	
		around post. Land mountainous.	
		Soil 2 and rate	
1	ū.	Vegetation, bunchagnas En organist	
	ю.,		

30

BOOK 1398 . 6. 6. T. 16 N. R. 30 E. G. & S. R. M.

hains North on a true line between sections 7 2 12 Va. 14º19' East. Descend. Ho.00 Set a Dand stone 19 x 12 x 6 ins., 9 ins. in the ground, for 1 Sec. Cor., marked 1 on W. face, and raised a mound of stone. alongside. Pits impracticable. 79.21 Intersect the 4th Standard Parallel Vorto at a point 1.97 chs. East of the Standard Cor. to Jps. 17 N. Ro. 30 20 81 6, which is a canastone set firmly in the ground with 6 notetres on U. E. and W. Jaces and with a store mound in good orde along side and. Set a same stone 18 2 11 2 6 ins. 12 ins. in the ground for Closing Cor. to Tps. 162(, R's 30 and 31 E., marked C. C., with 6 notches on S. E. E. al. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, S. E. ral of stone 6 ft. dist. and raised a mound of earth, 21 ft. high, 5 ft. base. alongsiae. Land rolling. Soil 2ad rate Vegetation bunchgraps. and The adjustre comet opril 3 200,883

BOOK 1398 along 6. boundary U. 17 M. R. 31 E. J. M. S. R. M. Chains From the 151 et Ulile Past on boundary line, between Hew Mexico a argona, privinsly described Oran Morth along boundary live, ou randow. Va. 14º 15 Gast. accend. 33. 40 Vo clowing cor. to Vies. 16 2 17 11, R. 31 E, and 4the Standard dens Horth privinsey set by me 3 3.90 Post of Elleva, brans E. To W. The accord 69.90 Vop of Mesa, tran N. 80°W. " V. 80°E. and descended. 79.90 Voa point 70 lks. East of the 150th Will Post, which is a lara stone, set Jimey in the ground markox 150 on Hi; U. U. an 6; 32° W. L. on O. E ang. on W. sides, with a store mound in good order, alongside. The return course is Then for S. 30'E. hand rolling. Voil 2" rate. Vegdation banchgrass.

Retracing boundary Line, bet anzona & Hend Ellexico, 99 6. boundary 0. 17 M. R. 31 E. G. C. M. BOOK 1398 Coliarios. From the 150th Mile Part I men North, along boundary line, on randow! Var. 14° 15 6. ascend. 45.50 Bank of Elleon haro M. 80°W. and descend. 72.90 levoso Wach le Cko, wide course U. JE. and ascend gradually, 80.23 Co a print 22 etc, East of the 14900 Will Part, which is at lara stare, set finily in the ground, marked 149 an U. M. M. an E. 32° W. L. an S. and arize an W. sides, with a stone mound in good order alongeide The ntum course is therefor O. 9'E. Land rolling. Voil 2nd rate. Vigetation bunchgrass.

100 Retracing boundary line bet. anyone in Hew Ellexico E. boundary V. 17 n. R. 31 E. G. W. R. M. **BOOK 1398** Chanis From the 149th Mile Post Dontinie Mosthe a baind any line, on random line. Va. 14º15 Gast. Cours quadwally, 34.37 Enter Juni Valley brand 6. 3 W. 80. 18 Co a point 31 lks, East of the 148th Will Post which is a post in good condition, set finnly in the ground, marked 148au U.; U. M. on E. 32°W. L. av S. En any ou W. Redeo, with pits and an earth usund in good order around Jact. The return course is thenfor d. 10'S. dand rolling. Voil 2nd rate Wegetation, bunch grass.

Retracing boundary live bet. arizona & hew allerico, 101 E. boundary J. 17 2, R. 316, G. E. S. R. U. BOOK 1398 Chanio From The 148the Mile Post, I continue Horth along boundary line, on randow line Va. 14º 15 Cast.

along Juni Valley. Cound no trace of the 147 a Mile Post, and continue Horth. 80.11, Cores Lunie River 20 lks. wide, chine S. 50°W, and ascend. 113.09 Lean Luni Valley bars U.E. E. S. a. and continue ascent. 159.96 to a point 40 lks. East of the 146th Mile Part which is a post in good order set finney in The ground, Marked 146 ou U.; U. M. an & ; 32° W. L. on V. "a Criz on W. sides, with pito and are earth mound in good order around post. The ntum course is then for S. 9 6. Land rolling an lene. Vail 2 na mate Vegetation, bunch graces.

102 Kelvacing boundary bet. Here there and angena. E. boundary J. 17 M. R. B. E. G. R. M. **BOOK** 1398 deain From the 146th Mile Post I nun V.9°E. on a true line, along baundary, Va. 14º 15' East. 79.98 Det a post, 4 ft. long, 14 rive. Aquare, with marker store, 12 mis in the grand for 14 7th Quile Post, marked 147 on U.; N. M. av E.; 32°W. L. on V. and any. on W. sides; dug pito 18× 18× 12 ms. U. V. & En W. of part, 5 'n gt. diat, and raised a mound of cante, 2 ft. hige 4 h ft. base around post. To the 148th Wille Post. 59.96 Land rolling. Vail 2nd mile. Vegetation, bunchgrass.

Retracing boundary 1st. New Mexico & angona, 103

E. banday J. 17 N., R. 31 E. G. an J. R. M. BOOK 1398

Chairis. From the 146th Ulice Post, I nen North and random his along bruday Va. 14º 10 Gast. ascend 13,75 Corres Indian trail brars E. & W. 14.00 Jop of V pur han W. and descende 51.73 Como Muigate waa travo 1.35°E. 60.43 Corres Gulen, 10 lks. wide, course E. and ascende. 80.05 To a point 68 lks. E. of 145th While Past, which is a post, set finally is the ground, marked 140 on Mi; M. M. an C; 32° W. L. on O. Ta anzon W. sides, water pito and a mound of east in good order around post. The ntum course is therefore J. 29 6. Land autountamines. Soil 2 nd nate, Wegelation, trunchegrass.

104 Retracing boundary bit. New Merced and anzona, along 6. boundary J. 17 n., R. 31 E. G. 2. S. R. M. BOOK 1398 Chains. From the 145th Mile Part & conterine North ma randow line, along boundary. Va. 14º 15 Cast. accend graduacly. Jo cor to gractional Jps. 17 3 1871 22.80 R. 316. which is a post, set finnly in the ground marked 6. 6. R. 31 E. an W. J. 18 M. S. B4m U. J. 17 n. d. & an S. Jaces, with 6 notelies on U. S. and W. Jaces; with pits M. S. B. W. of post, 6 ft. dist, and a mound of easth in good only around pot. Land rolling Soil 3 th rate. Vegetation burch graces. Icanquely examined the adjustments of my solar compass today particularly the falitude " norming apparetus, "a faund it corret. aprili 4 the 1883.



N. S. Surveyor General's Affice, Tucson, Arizona, June 17, 1884 The foregoing Field Notes of the Survey of the a portion of the Exterior lines of Soundips 9. 10. 16 - 19 North Ranges 20, 21.22, 23, 30 + 31 East Of the Gila and Salt River Base and Meridian, Arizona, execu-In Wheeler ted by day of tuly , 1882, having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approve.d Royalt