No 222

Subdivisions

4–671

222

FIELD NOTES

GENERAL LAND OFFICE.

Tp. 16 N. R 12 E.

No 222

Indexed, Book 221.

BOOK 222

BOOK 222

No - 222 61

Field Notes.

of the Survey of the

Subdivision Lines.

of

T. 16. N. R. 12. E.

of the

Gila and Salt River Base

And Meridian.

in the

Territory of Arizona.

as Surveyed by

Daniel Drummond,

U.S. Deputy Surveyor.

under his Contract No. 28.

Dated February 21. 1893.

Survey Commenced Jan. 5. 1894.

Survey Completed Jan. 24. 1894.

Subdivisions T. 16. N. R. 12. E.

Chs.	
	East. on a random line.
	bet. Secs. 21. & 28.
	Va. 13° 46' E.
40.00	Set temporary 1/4 Sec. Cor.
79.80	Int. N. & S. line 21 lks. N. of Cor. to Secs. 21. 22. 27 & 28. Thence I run N 89° 51' W. on a true line.
	bet. Secs. 21. & 28.
	Va. 13° 46' E.
	Over level land. in timber,
39.90	Set a Malpais Stone 18 x 11 x 7 ins. 11. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face. whence A Pine 5 ins. diam. bears N 3° E. 34 lks. dist. marked 1/4 S. B.T.- A Pine 5 ins. diam. bears South 65 lks. dist. marked 1/4 S. B.T.-
62.20	Trail. bears. N.E. & S.W.
79.80	The Cor. to Secs. 20. 21. 28 & 29.

Subdivisions, T. 16. N. R. 12. E.

Chs. Land. level.
Soil. Sandy. 2d rate.
Timber. Pine 79.80 chs.

N 0° 2' W. bet. Secs. 20 & 21.
Var 13° 46' E.
Ly Heavy Pine timber
3.60 Trail. brans. N.E. & S.W.
29.30 Trail. brans. N.E. & S.W.
40.00 Set a Malpais Stone 16 x 12 x 6 ins. 11. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on W. face. whence A Pine 5 ins. diam. brans N 45° E. 4 lks. dist. marked 1/4 P. B.T. — A Pine 6 ins. diam. brans N 84° W 16 lks. dist. marked 1/4 P. B.T. —
46.85 Trail. brans N.E. & S.W.
80.00 Set a malpais Stone 16 x 13 x 8 ins. 11. ins. in the ground. for. Cor. to Secs. 16. 17. 20 & 21. marked with 3.

Subdivisions.

Chs. Notches on S. & 4 notches on E. edges. whence A Pine 9 ins. diam. brans N 25° E 22 lks. dist. marked T. 16. N. R. 12. E. S. 16. B.T. — A Pine 12 ins. diam. brans S 30° E 18 lks. dist. Marked T. 16. N. R. 12. E. S. 21. B.T. — A Pine 13 ins. diam. brans S 57° 30' W 21 lks. dist. marked T. 16. N. R. 12. E. S. 20. B.T. A Pine 8 ins. diam. brans N 56° W 90 lks. dist. marked T. 16. N. R. 12. E. S. 17. B.T. Land. level. Soil. Sandy. 2d rate. Timber. Pine 80. chs.

T. 16. N. R. 12. E.

Chs. S 89° 51' E. on a random line.
Intr. Decs. 16 & 21.
Va. 13° 46' E.

40.00 Set temporary 1/4 Sec. Cor.

79.90 Intr. N. & S. line 3 lks. N. of Cor. to Secs. 15, 16, 21 & 22. Thence S run N 89° 50' W. on a true line.
Intr. Secs. 16 & 21.
Va. 13° 46' E.
In heavy pine timber

26.42 Trail. brans. N.E. & S.W.

39.95 Set a Malpais Stone 20 x 14 x 3 ins. 15. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face. whence A Pine 14 ins. diam. brans N 32° E 63 lks. dist. marked 1/4 S. B.T. — A Pine 6 ins. diam. brans S 14½° E 95. lks. dist. marked 1/4 S. B.T. —

79.90 The Cor. to Secs. 16, 17, 20 & 21.
Land. level.

Subdivisions.

Chs.	Soil. Sandy 2d rate.
	Timber. Pine 79.90 chs.
	N 0°2' W. bet. Secs. 16 & 17.
	Va. 13°46' E.
	Over level land. Sm timber.
26.85	Trail. bears N.E. & S.W.
40.00	Set a Malpais Stone 17x10x5 ins. 12. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on W. face. Whence A Pine 9 ins. diam. bears S 66° E. 78 lks. dist. marked 1/4 S. B.T.- A Pine 4 ins. diam. bears S 57° W. 118. lks. dist. marked 1/4 S. B.T.-
80.00	Set a Malpais Stone 20x18x13 ins. 15. ins. in the ground. for Cor. to Secs. 8. 9. 16 & 17. marked with 4 notches on S. & E. edges. Whence A Pine 8 ins. diam. bears

T. 16. N. R. 12. E.

Chs. N 71° 30' E 60 lks. dist. marked
T. 16. N. R. 12. E. S. 9. B.T.
A Pine 6 ins. diam. brans
S 82° E. 25 lks. dist. marked
T. 16. N. R. 12. E. S. 16. B.T.—
A Pine 7 ins. diam. brans
S 16° 30' W 36 lks. dist. marked
T. 16. N. R. 12. E. S. 17. B.T.
A Pine 10 ins. diam. brans
N 72° 30' W 34 lks. dist. marked
T. 16. N. R. 12. E. S. 8. B.T.
Land. level.
Soil. Sandy 2d rate.
Timber. Pine 80. chs.

January 18. 1894.

S 89° 50' E. on a random line
bet. Secs. 9 & 16.
Va. 13° 46' E.

Subdivisions

chs.	
40.00	Set. temporary 1/4 Sec. Cor.
80.00	Intr. N.& S. line 12 lks. S. of Cor. to Secs. 9. 10. 15 & 16. Thence I run N 89° 55' W. on a true line bet. Secs. 9 & 16. Va. 13° 46' E Over level land in Pine timbr.
40.00	Set a Malpais Stone 24 x 15 x 5 ins. 18. ins in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. Whence A Pine 8 ins. diam. brans S 50° E. 110 lks. dist. marked 1/4 S. B.T. A Pine 5 ins. diam. brans N 70° W. 19 lks. dist. marked 1/4 S. B.T.
74.55	Trail. brans. N.E. & S.W.
80.00	The Cor. to Secs. 8. 9. 16 & 17. Land. level. Soil. Sandy. 2d rate. Timbr. Pine. 80. chs.

T. 16. N. R. 12. E.

Chs. N 0° 2' W. bet. Secs. 8 & 9.

Va. D 3° 46' E In heavy Pine and Cedar timber

5.45 Trail. brars. N.E. & S.W.

14.15 Trail. brars N.E. & S.W.

40.00 Set a Malpais Stone 22x15x8 ins. 16. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on W. face. whence A Pine 7 ins. diam. brars N 4½ E 91 lks. dist. marked 1/4 S. B.T. — A Pine 6 ins. diam. brars N 73° W 76 lks. dist. marked 1/4 S. B.T. —

80.00 Set a Malpais Stone 18x14x4 ins. 13. ins. in the ground. for Cor. to Secs. 4. 5. 8 & 9. marked with 5 notches on S. & 4 notches on E. edges. whence A Cedar 5 ins. diam. brars N 17° E 467 lks. dist. marked T. 16. N. R. 12. E. S. 4. B.T. A Cedar 12 ins. diam. brars.

Subdivisions.

Chs.	
	S 78°30'E 14.2 lks. dist marked
	T. 16. N. R. 12. E. S. 9. B.T.—
	A Pine 6 ins. diam. brass
	S 30° W 153 lks. dist. marked
	T. 16. N. R. 12. E. S. 8. B.T.—
	A Pine 20 ins. diam. brass
	N 66°30'W 560. lks. dist. marked
	T. 16. N. R. 12 E. S. 5. B.T.—
	Land. level.
	Soil. Sandy. 2d rate.
	Timber Pine & Cedar 80 chs.

S 89°55'E. on a random line
bet. Secs. 4 & 9.
Va. 13°46'E.

40.00	Set temporary 1/4 Sec. Cor.
79.77	Int. N.B.O. line. 12 lks. S. of Cor. to Secs. 3. 4. 9 & 10. From West. on a true line.

T. 16. N. R. 12. E.

Chs.	
	Bet. Secs. 4 & 9.
	In heavy Var. 3° 46' E. Pine and Cedar timber
10.00	Bank brors. N.E. & S.W. descend
13.10	Enter bottom brors. N.E. & S.W.
14.07	Trail brors. N.E. & S.W.
14.60	Leave bottom.
39.89	Set a Malpais Stone 16 x 9 x 6. ins. 11. ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. whence A Cedar 5 ins. diam. brors N 33° 30' W 111 lks. dist. marked 1/4 S. B.T. A Cedar 8 ins. diam. brors S 23° W 196. lks. dist. marked 1/4. S. B.T.
48.32	Trail. brors. N.E. & S.W.
60.12	Trail. brors. Northerly & Southerly.
79.77	The Cor. to Secs. 4. 5. 8 & 9. Land. level. Soil. Sandy. 2d rate. Timber. Pine & Cedar 79.77 chs.

Subdivisions.

Chs.	
	N 0° 2' W. bet. Secs. 4 & 5.
	Va. 13° 46' E.
	over level land, in heavy Pines & Cedars
2.20	Trail. brans. N.E. & S.W.
36.80	Wagon Road. from Camp Verde to Winslow brans. E. by N. & W. by S.
39.99	Intersect. 4th Standard parallel. N. S 85° 33' W. 26.70 chs. from the Standard Cor. to Secs. 35 & 36. Where I set a Malpais Stone 20 x 10 x 6 ins. 15. ins. in the ground. for Closing Cor. to Secs. 4 & 5. marked C.C. on S. & with 2 notches on W. and 4. notches on E. faces. Whence
	A Pine 5 ins. diam. brans
	S 75° 30' E 26.2 lks. dist. marked
	T. 16. N. R. 12. E. S. 4. B.T.
	A Cedar 8 ins. diam. brans
	S 40° W 25.2 lks. dist. marked

T. 16. N. R. 12. E.

Chs. T. 16. N. R. 12. E. S. 5. B. T. —
A Cedar 20 ins. diam. brans
N 2° E 64 lks. dist. marked
T. 16. N. R. 12. E. C. C. Ss. 4 & 5, B. T. —
Land. level.
Soil. Sandy. 2d rate.
Timbr. Pine & Cedar. 39.99 chs.
January 19. 1894

From the Cor. to Secs. 5. 6. 31. & 32. on S. boundary of Tp. hereinbefore described. I run. N 0° 3' W. bet. Secs. 31 & 32.
Va. 63° 45' E. Timber
In heavy Pine

1.50 Bank. brans. N.W. & S.E. descend
7.50 Gulch 10 lks. wide runs. S.E. ascend
13.00 Ridge brans. E. & W. descend
17.50 Gulch 10 lks. wide runs. N.E. ascend
21.50 Opposite bank. brans. N.E. & S.W.

Subdivisions.

chs.	
38.25	Enter bottom brars. N.E. & S.W.
39.60	Trail. brars. N.E. & S.W.
40.00	Set a Malpais Stone 17x12x10. ins 12 ins. in the ground. for 1/4 Sec Cor. Marked 1/4 on W. face. whence A Pine 5 ins. diam. brars N35°E 66 lks. dist. marked 1/4 S. B.T.- A Pine 6 ins. diam. brars N52°W 25 lks. dist. marked 1/4 S. B.T.
40.10	Leave bottom brars. N.E. & S.W.
80.00	Set a Malpais Stone 20x14x6 ins. 15. in the ground. for. Cor. to Secs. 29. 30. 31. & 32. Marked with 1 Notch on S. and 5 Notches on E. edges. whence A Pine 5 ins. diam. brars N28°E 36 lks. dist. marked T.16.N. R.12.E. S. 29. B.T. A Pine 10 ins. diam. brars

T. 16. N. R. 12. E.

Chs. S 38° E 43 lks. dist. marked T. 16. N. R. 12. E. S 32. B.T. A Pine 8 ins. diam. brans S 33° 30' W 14 lks. dist marked T. 16. N. R. 12. E S. 31. B.T. A Pine 9 ins. diam. brans N 17° W. 4 lks. dist. marked T. 16. N. R. 12. E. S. 30. B.T. — Land. broken. Soil. gravelly 2d & 3d rate. Timber. Pine 80 chs.

East. on a random line. bet. Secs. 29 & 32. Va. 13° 46' E.

40.00 Set. temporary 1/4 Sec. Cor.

79.80 Int. N. & S. line. 12 lks. N. of Cor. to Secs. 28, 29, 32 & 33. Run N 89° 55' W. on a true line.

Subdivisions.

Chs.	Sub. Secs. 29 & 32. Va 13° 45' E.
	Asend. in heavy Pine timber
1.75	Trail brans. N 20° W & S 20° E
2.50	Ridge. brans. N. & S.
9.70	Trail. brans. N.N.E. & S.S.W.
10.20	Enter Jacks. Cañon. runs. N.N.E.
11.50	Leave Jacks. Cañon. runs. N.N.E. Asend
14.50	Left bank Jacks. Cañon brans N.E. & S.W.
28.50	Enter bottom brans. N.N.W. & S.S.E.
30.30	Trail. brans. N.N.W. & S.S.E.
32.70	Leave bottom. brans. N.N.E. & S.S.W. Asend
36.50	Bank brans. N.N.W. & S.S.E.
39.90	Set a Sandstone 16 x 10 x 6 ins. 11. ins. in the ground. for 1/4 Sec Cor. marked 1/4 on N. face. whence A Pine 9 ins. diam. brans S 30° E 9 lks. dist. marked 1/4 A. B.T. A Pine 8 ins. diam. brans N 70° W 25 lks. dist. marked 1/4 D. B.T.—

T. 16. N. R. 12. E.

chs.	
57.90	Bank brans. N.E. & S.W. descend
58.80	Gulch 10 lks. wide runs. N.E. ascend
60.00	Opposite bank brans. N.E. & S.W.
68.50	Bank brans. N.E. & S.W. descend
70.40	Gulch 10 lks. wide. runs. N.E. ascend
71.50	Opposite bank. brans. N.E. & S.W.
79.80	The Cor. to Secs. 29. 30. 31. & 32.
	Land. rough & broken.
	Soil. Sandy. 2d rate.
	Timber. Pine 79.80 chs.

West. on a true line.

bet. Secs. 30 & 31.

Va D 13° 46' E

In heavy Pine and Cedar timber ascend

12.50	Gulch 10 lks. wide runs. Northerly
20.00	Bank brans. N. & S. ascend
40.00	Set a Malpais Stone 16 x 12 x 5 ins. 11. ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. whence

Subdivisions.

Chs.	
	A Pine 7 ins. diam. brors N40°W 60 lks. dist. marked 1/4 S. B.T.— A Pine 6 ins. diam. brors S30°E. 120 lks. dist. marked 1/4 S. B.T.
47.00	Enter Plateau brors. W by N. & E. by S.
64.80	Bank brors. NE. & SW. descend
67.60	Gulch 10 lks wide runs. NE. ascend
71.00	Opposite bank brors. NE. & SW.
100.78	Int. West. boundary of Tp. 9. 72 chs. N. of Cor. to Secs. 25. 30. 31 & 36. a post firmly set. properly marked and witnessed. as described in the field notes. furnished by the Surveyor General.— I obliterate the marks on the post. and witness trees referring to Tp. on the E.— At said intersection I set a Sandstone 18 X 11 X 6 ins. 13 ins. in the

T. 16. N. R. 12. E.

Chs. Ground for Closing Cor. to Secs. 30 & 31. marked C.C. on E. with 1 Notch on S. & 5 notches on N. faces. Whence —

A Pine 5 ins. diam. bears N 40° E 178 lks. dist. marked T. 16 N. R. 12. E. S. 30 B.T. —

A Pine 5 ins. diam. bears S 75° E 68 lks. dist. marked T. 16. N. R. 12. E. S. 31. B.T. —

A Cedar 10 ins. diam. bears S 35° W 215. lks. dist. marked T. 16. N. R. 12. E. C.C. Ss. 30 & 31. B.T.

Land. broken,

Soil. gravelly & Stony 2d & 4th rate.

Timber. Pine & Cedar 100. 78 chs.

N 0° 3' W. Mer. Secs. 29 & 30.

Va. 13° 46' E.

In heavy Pine timber

Subdivisions.

chs.	
15.00	Bank's brass. N.E. & S.W. descnd
22.10	Gulch 10 lks. wide runs. N.E. asend
27.30	Opposite bank brass. N.E. & S.W.
35.20	Bank brass. N.W. & S.E. descnd
40.00	Set a Malpais Stone 17 x 13 x 6. ins. 12 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on W. face. whence A Pine 4 ins. diam. brass S 70° E 23 lks. dist. marked 1/4 S. B.T. A Pine 18 ins. diam. brass N 9° W 150 lks. dist. Marked 1/4 S. B.T.
42.80	Gulch 30 lks. wide runs. S.E. asend
46.00	Trail. brass. N.W. & S.E.
65.00	Opposite bank brass. N.W. & S.E. Enter Mesa
80.00	Set. a Malpais Stone 16 x 12 x 6. ins. 11. ins. in the ground. for. Cor. to Secs. 19, 20, 29 & 30. Marked with 2 notches on S. & 5 notches on E. edges. whence—

T. 16. N. R. 12. E.

Chs. A double Pine 15 ins. diam. brans
N 37° E 22 lks. dist. marked
T. 16. N. R. 12. E. S. 20. B.T.—
A Pine 8 ins. diam. brans
S 45° E 55 lks. dist. Marked
T. 16. N. R. 12. E. S. 29. B.T.—
A Pine 5 ins. diam. brans
S 53° W 35 lks. dist. marked
T. 16. N. R. 12. E. S. 30. B.T.—
A Pine 13 ins. diam. brans
N 47° W 20 lks. dist. marked
T. 16. N. R. 12. E. S. 19. B.T.
Land. broken.
Soil. gravelly 2d & 3d rate.
Timber. Pine. 80 chs.

S 89° 55' E. on a random line
bet. Secs. 20 & 29.
Va. 13° 46' E

Subdivisions.

chs.	
40.00	Set. temporary 1/4 Sec. Cor.
80.00	Run. N. & S. line 12 lks. E. of Cor. to Secs. 20. 21. 28. & 29. Thence Run West. on a true line. Bet. Secs. 20 & 29. Va. 13° 46' E. Over level land. in timber
2.20	Trail. bears. N.E. & S.W.
40.00	Set a Sandstone 16x12x4. ins. 11. ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. Whence A Pine 6 ins. diam. bears N 45° W 3 lks. dist. Marked 1/4 S. B.T. A Pine 7 ins. diam. bears S 17° W. 25 lks. dist. Marked 1/4 S. B.T.-
80.00	The Cor. to Secs. 19. 20. 29 & 30. Land. level. Soil. Sandy 2d rate. Timber. Pine. 80 chs. January 20. 1894.

T. 16. N. R. 12. E.

chs.	
	West on a true line.
	Bet. Secs. 19 & 30.
	Var. 13° 46' E.
	Sp. heavy Pine timber
18.50	Bank. brass. N.W. & S.E. leave mesa. descend
29.10	Gulch. 70 lks. wide runs. S.E. ascend
32.50	Trail. brass. N.W. & S.E.
40.00	Set a Malpais Stone 18x9x7. ins. 13. ins. in the ground. for. 1/4 Sec. Cor. Marked 1/4 on N. face. whence A Pine 22 ins. diam. brass N 1° W 25 lks. dist. marked 1/4 S. B.T. — A Pine 26 ins. diam. brass S 18° E 1048. lks. dist. marked 1/4 S. B.T. -
93.25	Enter Plateau brass. N.W. & S.E.
100.70	Set W. boundary of Tp. 9. S. 6. chs. N. of Cor. to Secs. 19. 24. 25 & 30 a post. firmly set. properly marked & witnessed as described in the field notes furnished by

Subdivisions.

Chs. the Surveyor General.—
I obliterate the marks. on the post. and witness trees. referring to Sp. on the East.—At. above intersection I
Set a Malpais Stone 18X12X5 ins., 13. ins. in the ground. for Closing Cor. to Secs. 19. & 30. Marked C.C. on E. with 4 marks. on N. and 2 Marks. on S. faces. whence.—
A Pine 6 ins. diam. bears
N36°30'E 119 lks. dist. marked
T.16. N. R. 12. E. S. 19. B.T.—
A Pine 5 ins. diam. bears.
S41°30'E 215 lks. dist. marked
T.16.N. R.12.E. S.30 B.T.—
A Pine 4 ins. diam. bears.
S58°W 98 lks. dist. marked
T.16.N.R.12.E. C.C. Ss. 19 & 30. B.T.—

T. 16. N. R. 12. E.

Chs. Land. rough & broken.
Soil. gravelly & stony 3d & 4th rate.
Timber. Pine. 100. 70 chs.

N 0° 3' W. Var. 22 Decs. 19 & 20.
Va. 22° 46' E.
In heavy Pine and Cedar timber
37.00 Trail. bears. N.E. & S.W.
40.00 Set a Malpais Stone 18x12x8 ins. 13. ins. in the ground. for 1/4 Sec Cor. Marked 1/4 on W. face. whence
A Pine 10 ins. diam. bears S 50° E 9 lks. dist. marked 1/4 S. B.T. —
A Pine 6 ins. diam. bears S 45° W 36 lks. dist. marked 1/4 S. B.T.
45.50 Trail. bears. N.E. & S.W.
64.50 Trail. bears. N.E. & S.W.
80.00 Set a Malpais Stone 18x12x6. ins. 13. ins. in the ground. for Cor to Secs. 17. 18. 19. & 20. marked with

Subdivisions.

Chs. 3 notches on S. & 5 notches on E. edges. Whence A Pine 5 ins. diam. brans N 81° E 27 lks. dist. marked T. 16. N. R. 12. E. S. 17. B.T.— A Pine 5 ins. diam. brans S 63° E 26. lks. dist. marked T. 16. N. R. 12. E. S. 20. B.T.— A Pine 7 ins. diam. brans. S 28° W 32 lks. dist. marked T. 16. N. R. 12. E. S. 19. B.T.— A Pine 5 ins. diam. brans N 44° 30' E 58 lks. dist. marked T. 16. N. R. 12. E. S. 18. B.T.— Land. level. Soil. Sandy 2d rate. Timber. Pine & Cedar 80 chs.

T. 16. N. R. 12. E.

Chs.	
	East. on a random line. bet. Secs. 17 & 20. Va. 13° 46' E.
40.00	Set temporary 1/4 Sec. Cor.
79.82	Int. N. & S. line 14 lks. N. of Cor. to Secs. 16, 17, 20 & 21. Thence Drum. N 89° 54' W. on a true line bet. Secs. 17 & 20. Va. 13° 46' E. In Heavy Pine Timber
17.50	Trail. bears. N.E. & S.W.
39.91	Set a Malpais Stone 17 x 12 x 8. ins. 12. ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face. whence A Pine 5 ins. diam. bears N 28½ W 39 lks. dist. marked 1/4 S. B.T. A Pine 8 ins. diam. bears S 7° W. 49 lks. dist. marked 1/4 S. B.T.—
58.30	Trail. bears. N.E. & S.W.
62.00	Trail. bears. N.E. & S.W.

Subdivisions.

chs.	
71.50	Trail. trans. N.E. & S.W.
77.90	Trail trans. Northerly & Southerly
79.82	The Cor. to Secs. 17, 18, 19 & 20.
	Land. level.
	Soil. Sandy 2d rate.
	Timber. Pine 79.82. chs.

West. on a true line.

bet. Secs. 18 & 19.

Va 13° 46' E

In heavy Pine and Cedar timber

.20	Trail. trans. N. & S.
32.00	Leave Pine & Cedar
40.00	Set a Malpais Stone 16x8x6. ins. 11. ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face. whence A Pine 5 ins. diam. brans S 2° E 146 lks. dist. marked 1/4 S. B.T.- A Cedar 6 ins. diam. brans N 10° W 342 lks. dist. marked 1/4 S. B.T.-

T. 16. N. R. 12. E.

chs.	
45.80	Enter Pine & Cedars.
50.00	Trail. bears. N.E.S.
53.50	Trail bears N.E.S.
63.00	Ascend. from Mesa
81.50	Ridge. bears. N.E.S. descend
100.66	Int. W. boundary of Tp. 9.00 chs. N. from Cor. to Secs. 13. 18. 19 & 24. a stone firmly set. properly marked and witness. as described in the field notes furnished by the Surveyor. Genl. I obliterate the marks on the witness trees. referring to Tp. on the East. At. said intersection I set a Malpais stone 18 x 15 x 13. ins. 13. ins in the ground. for Closing Cor. to Secs. 18 & 19. Marked C.C. on E. with 3 marks. on N.E.S. faces. Whence A Pine 14 ins. diam. bears.

Subdivisions.

Chs.

N 23° E 42 lks. dist. marked
T. 16. N. R. 12. E. S. 18 B.T.—
A Pine 6 ins. diam. brans.
S 59° E 26 lks. dist. marked
T. 16. N. R. 12. E. S. 19. B.T.
A Pine 8 ins. diam. brans
N 60° W 34 lks. dist. marked
T. 16. N. R. 12. E. C.C. Ss. 18 & 19. B.T.—
Land. Nearly level.
Soil. Sandy & gravelly 2d & 3d rate.
Timber. Pine & Cedar 86.86 chs.

January 22. 1894.

N 0° 3' W. bet. Secs. 17 & 18.
Var. 13° 46' E.
 Av heavy Pine and Cedar timber
20.60 Trail. brans. N 10° E. & S 10° W.
40.00 Set a Malpais Stone 18 X 12 X 4 ins 13
ins. in the ground. for 1/4 Sec. Cor.
marked 1/4 on W. face. whence

T. 16 N. R. 12. E.

Chs.	
	A Pine 5 ins. diam. brans S 80° E. 43 lks. dist. marked 1/4 S. B.T.— A Pine 4 ins. diam. brans S 78° W. 87 lks. dist. marked 1/4 S. B.T.—
79.30	Trail. brans. N.E. & S.W.
80.00	Set a Malpais Stone 18x14x7 ins. 13 ins. in the ground. for Cor. to Secs. 7, 8, 17 & 18. marked with 4 notches on S. & 5 notches on E. edges. whence A Pine 26 ins. diam. brans N 7° E 120 lks. dist. marked T. 16. N. R. 12. E. S. 8. B.T.— A Pine 6 ins. diam. brans. S 20° E 127 lks. dist. marked T. 16. N. R. 12. E. S. 17. B.T.— A Pine 4 ins. diam. brans S 5° W 359 lks. dist. marked T. 16, N. R. 12. E. S. 18. B.T.— A Pine 5 ins. diam. brans

Subdivisions.

chs. N 50° W 152 lks. dist. marked T. 16. N. R. 12. E. S. J. B. L.—
Land. level.
Soil. Sandy 1st & 2d rate.
Timber. Pine & Cedar. 80. chs.

S 89° 54' E on a random line
bet. Secs. 8 & 17.
Va. 13° 46' E

40.00 Set temporary 1/4 Sec. Cor.

79.88 Int. N & S. line 9 lks. S. of Cor. to Secs. 8. 9. 16. & 17. Thence I run N 89° 58' W. on a true line
bet. Secs. 8 & 17
Va. 13° 46' E.
Over level. land. no timber

39.94 Set a Malpais Stone 17 x 10 x 7 ins. 12 ins. in the ground. for 1/4 Sec Cor. Marked 1/4 on N. face whence

BOOK 222.

T. 16. N. R. 12. E.

chs.	
	A Pine 8 ins. diam. brors N32°30'E 45. lks. dist. marked 1/4 S. B.T.
	A Pine 10 ins. diam. brors. S20°E 48 lks. dist. marked 1/4 S. B.T.-
79.58	Trail. brars. N.E. & S.W.
79.88	The Cor. to Secs. 7, 8, 17 & 18.
	Land, level,
	Soil, Sandy 2d rate.
	Timber. Pine & Cedar. 79.88 chs.
	West, on a true line.
	Brk. Secs. 7 & 18.
	Va 3°46'E In heavy Pine and Cedar timber
10.35	Trail. brars. N.E. & S.W.
20.80	Leave Pine & Cedar
33.00	Trail. brars. N20°E & S20°W.
40.00	Set a Malpais Stone 18x12x5 ins. 13. ins. in the ground. for 1/4 Sec Cor. marked 1/4 on N. face. whence A Cedar 5 ins. diam. brars S20°E

Subdivisions.

Chs.	
	28 lks. dist. marked 1/4 S. B.T.- A Cedar 6 ins. diam. brears N 28° W
	36 lks. dist. marked 1/4 S. B.T.
45.00	Enter Pine & Cedar. and ascend Chavez Mountain brears. N by W & S by E.
85.30	Enter Elevated plateau. brays N. & S.
98.85	Leave plateau brears. N.E. & S.W.
100.50	Int. W. boundary of Sp. 8.70 chs. N. of Cor. to Secs. 7. 12. 13 & 18. a Stone firmly Set. properly marked & witnessed. as described in the field Notes furnished by the Surveyor Genl. I obliterate the marks. on the witness trees. referring to the Sp. on the East. - At. above point of intersection I. Set a Malpais Stone 16 x 12 x 8 ins. 11. ins. in the ground. for.

T. 16. N. R. 12. E.

Chs. Closing Cor. to Secs. 7 & 18. marked C.C. on E. with 4 marks. on S. and 2 marks. on E. faces. Whence
A Pine 5 ins. diam. bears
N 63° E 37 lks. dist. marked
T. 16. N. R. 12. E. S. 7. B.T.
A Cedar 24 ins. diam. bears
S 38° E 47 lks. dist. marked
T. 16. N. R. 12. E. S. 18. B.T.—
A Pine 10 ins. diam. bears.
N 24° W 30 lks. dist. marked
T. 16. N. R. 12. E. C.C. Ss. 7 & 18. B.T.—
Land. level. 45 chs. rough. 35.50 chs
Soil. Sandy & Stony 2d & 4th rate.
Timber. Pine & Cedar 76.30 chs.

January 23. 1894.

Subdivisions.

Chs.	
	N 0° 3' W. bet. Secs. 7 & 8.
	Va. 13° 46' E
	over level land. in timber
16.10	Trail. bears N.E. & S.W.
40.00	Set a Malpais Stone 20x14x6. ins. 15
	ins. in the ground. for 1/4 Sec. Cor.
	marked 1/4 on W. face. whence
	A Pine 5 ins. diam. bears S 28° 30' E
	282. lks. dist. marked 1/4 S. B.T.
	A Pine 9 ins. diam bears S 76° W.
	119 lks. dist. marked 1/4 S. B.T.
80.00	Set a Malpais Stone 16x10x6 ins. 11.
	ins. in the ground. for Cor. to Secs.
	5. 6. 7 & 8. marked. with 5 notches
	on S. & E. edges. whence
	A Cedar 12 ins. diam. bears
	N 44° E 70 lks. dist. marked
	T. 16. N. R. 12. E. S. 5. B.T.—
	A Pine 6 ins. diam. bears

T. 16. N. R. 12. E.

chs. S 31° E 17 2 lks. dist. marked
T. 16. N. R. 12. E. S. 8. B.T. —
A Pine 5 ins. diam. brans
S 26° W 256. lks. dist. marked
T. 16 N. R 12. E. S. 7. B.T. —
A Pine 12 ins. diam. brans
N 60° W 269 lks. dist. marked
T. 16. N. R. 12. E. S. 6. B.T. —
Land. level.
Soil. Sandy 2d rate.
Timber. Pine & Cedar 80. chs.

S 89° 58 E. on a random line.
Dist. Secs. 5 & 8.
Va. 13° 46' E.

40.00 Set temporary 1/4 Sec. Cor.
80.03 Int. N. & S. line 5 lks. S. of Cor. to Secs. 4, 5, 8 & 9. Thence I run West. on a true line

Subdivisions.

Chs.	bet. Secs. 5 & 8.
	Var. 13° 45' E.
	In heavy Pine and Cedar timber
1.57	Trail. brans. N.E. & S.W.
18.60	Trail. brans. N.E. & S.W.
23.60	Leave Pine & Cedar
35.47	Trail. brans N.E. & S.W.
40.02	Set a Malpais Stone 16 x 13 x 5 ins. 11 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face. whence A Cedar 5 ins. diam. brans N 15° W 126 lks. dist. marked 1/4 S. B.T.- A Cedar 6 ins. diam. brans S 60° W 186 lks. dist. marked 1/4 S. B.T.-
44.60	Enter. Pine & Cedar
66.10	Bank brans. N.E. & S.W. descend
67.20	Enter bottom.
67.32	Trail. brans. N.E. & S.W.
67.50	Leave bottom & ascend
68.80	Opposite bank brans N.E. & S.W.

T. 16. N. R. 12. E.

chs.	
80.03	The Cor. to Secs. 5. 6. 7 & 8.
	Land. level.
	Soil. Sandy. 2d rate.
	Timbr. Pine & Cedar. 59.03 chs.

West. on a true line.
Bet. Secs. 6 & 7.
Va. B° 46' E.
In heavy Pine and Cedar timber

.65	Trail. Bears. N.E. & S.W.
14.50	Leaves Pine & Cedar
24.50	Enter Pine & cedar
34.50	Wagon Road. from Camp Verde to Winslow
	Bears E. N.E. & W. S.W.
40.00	Set a malpais Stone 18 x 12 x 8 ins. 13. ins.
	in the ground. for 1/4 Sec. Cor.
	marked 1/4 on N. face. whence
	A Pine 5 ins. diam. bears N 2° 30' W
	52 lks. dist. marked 1/4 S. B. T.
	A Cedar 6 ins. diam. bears N 30° E
	34 lks. dist. marked 1/4 S. B. T. —

Subdivisions.

chs.	
55.40	Wagon Road. from Camp Verde to Winslow, brans. E. N.E. & W.S.W.
59.05	Trail. brans. N.E. & S.W.
80.60	Trail. brans. N.E. & S.W.
99.50	Trail. brans. N.E. & S.W.
100.46	Int. W. boundary of Tp. 8. 25 chs. N. of Cor. to Secs. 1. 6. 7 & 12. a stone firmly set. properly marked and witnessed. as described in the field notes. furnished by the Surveyor General. - I obliterate the marks. on the witness trees referring to the Tp. on the East. At above mentioned intersection I set a Malpais stone 16 x 11 x 4. ins. 11. ins. in the ground. for closing Cor. to Secs. 6. 8. 7. marked C. C. on E. with. 5. marks on S. and 1 mark on N. faces. whence

T. 16. N. R. 12. E.

chs.

A Cedar 12 ins. diam. brans
N 70° E. 3.74 lks. dist. marked
T. 16 N. R. 12. E. S. 6, B.T. —
A Cedar 6 ins. diam. brans
S 38° E 3.06 lks. dist. marked
T. 16 N. R. 12 E. S. 7. B.T. —
A Pine 10 ins. diam. brans
N 57° 30' W 2.46 lks. dist. marked
T. 16. N. R. 12. E. C.C. Ss. 6 & 7, B.T. —
Land. level.
Soil. Sandy 2d rate.
Timber. Pine & Cedar 90.46 chs.

N 0° 3' W. Bet. Secs. 5 & 6.
Va. 13° 46' E
Sm Heavy Pine and Cedar timber
.80 Trail. brans. N.E. & S.W.
15.25 Trail. brans. E. N.E. & W.S.W.
18.70 Wagon Road. from Camp Verde to Winslow. brans. E. N.E. & W. S.W.

Subdivisions.

chs.	
38.46	Intersect. 4th Standard parallel. N. S 89°41' W 26.50 chs. from the Standard Cor. to Secs. 34 & 35. as hereinbefore described — At above mentioned intersection. I Set a Malpais Stone 18 x 8 x 8 ins. 13. ins. in the ground. for Closing Cor. to Secs. 5 & 6. marked C.C. on S. with 5 marks on E. and 1 mark on W. faces. Whence A Cedar 8 ins. diam. bears S 30°45' E 44 0. lks. dist. marked T. 16. N. R. 12. E. S. 5. B.T. — A Cedar 16 ins. diam. bears S 12° W 476 lks. dist. marked T. 16. N. R. 12. E. S. 6. B.T. — A Pine 8 ins. diam. bears N 56° 15' W 481 lks. dist. marked T. 16. N. R. 12. E. C.C. S. 5 & 6. B.T. —

T. 16. N. R. 12. E.

Land. level.
Soil. Sandy 2d rate.
Timbr. Pine & Cedar. 38.46 Chs.

January 24. 1894.

55. miles. 15. Chs. & 40 Lks. runs thro' heavy Pine timbr. & dense Leader

General Description.

This township, in the main is level. Chavez Mountain is an Elevated plateau in Sec. 18. There is also an high mesa in Secs. 19, 30 & 31.

The soil is Sandy & gravelly, and is well adapted for grazing. Jacks Cañon is the only stream of running water.

The Southern portion contains Very fair Pine timber

Other portions are covered
with Cedar & Pinon, or Scrub
Pine. the high mesas are
of Volcanic character
The mean declination for
the plat, the average of five
observations, is 13°46'E.
Horses Cattle and Sheep
range over this township. the
grasses are nutritious,
There are no Settlers.

Daniel Drummond
U.S. Deputy Surveyor

List of Names.

BOOK 222/105

A List of the Names of the Individuals employed by Daniel Drummond *U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the survey of the* lines Embraced in Tps 13. N. R. 11, E. and all lines in Tps. 13. 14. 15. & 16. North, Ranges. 12 and 13. East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.

Andrew J. Burke ..... *Chainman.*
Newton J. Babcock ..... *Chainman.*
..... *Chainman.*
..... *Chainman.*
Stephen D. Ramsdell ..... *Axeman.*
Shirley Greenman ..... *Axeman.*
John C. Roche ..... *Flagman.*

BOOK 222

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Final Oath of Assistants.

We hereby certify that we assisted Daniel Drummond U. S. Deputy Surveyor in surveying all those parts or portions of the lines Embraced in Tp 13 N. R 11 E, and all of Tps. 13. 14. 15 N. 16. N. Ranges. 12 and 13 East.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Andrew J Burke Chainman.

Newton J Babcock Chainman.

Chainman.

Chainman.

Stephen D Ransdell Axeman.

Finley Greenamun Axeman.

Jno. C. Rocke Flagman.

Sworn to and subscribed before me, this 8 day of October, 189 1.

M Green
Notary Public.

[SEAL.]

Pima Co. A.T.

BOOK 222

Final Oath of U. S. Deputy Surveyor.

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I, Daniel Drummond

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from Royal A. Johnson, United States Surveyor-General for Arizona, bearing date of the Twenty first day of February 1893, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the lines embraced in Tp. 13. N. R. 11. E. and all lines in Tps. 13. 14. 15. & 16 North Ranges 12 and 13 East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific

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manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

Daniel Drummond

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 8th

day of October, *189*4.

Levi Ruggles

U. S. Surveyor General

for Arizona

BOOK 222

BOOK 222
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U.S. Surveyor-General's Office'

Tucson, A. T. Oct 9th, 1895.

The foregoing field-notes of the surveys of the Subdivisions of Township No, 16 North, Range No, 12 East Gila & Salt River Meridian in Arizona, executed by

DANIEL DRUMMOND

U.S. DEputy Surveyor, under his Contract dated Febry, 21st, 1893, having been critically examined, the necessary corrections and explanations made, the said Field notes and the surveys they describe ar e hereby approved.

Lew A. Cummings

U.S. Surveyor-General

for the Territory of Arizona.