Contract 35 3.

Cotton

No. 1266

Exteriors

4-671

FIELD NOTES

GENERAL LAND OFFICE.

West boundary T. 4 N. R. 2 W.

N. & E. " T. 6 N. R. 1 E.

N. & E. " T. 7 N. R. 1 E.

Retracmt P. Mex. thro T. 6 & 7 N.

Index

No. 1266. BOOK 1266 1.

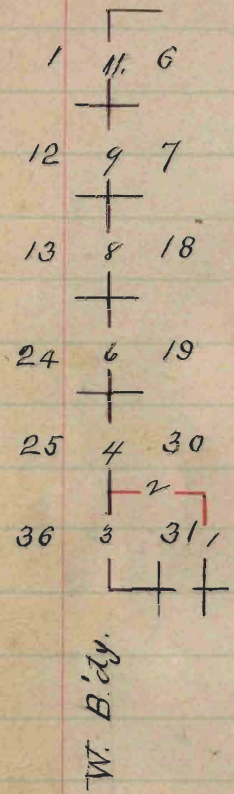
Field Notes.

of the Survey of the
North and East. Boundaries of
T. 6. N. R. 1. E.
North and East. Boundaries of
T. 7. N. R. 1. E. and
West. Boundary of
T. 4. N. R. 2. W.
of the
Gila and Salt. River Base and Meridian
in the
Territory of Arizona.
as Surveyed by
Albert. F. Colton.
U.S. Deputy Surveyor.
under His Contract No. 35.
dated March. 14. 1894.

Survey Commenced. Sept. 20. 1894.
Survey Completed. Nov. 14. 1894.

1A

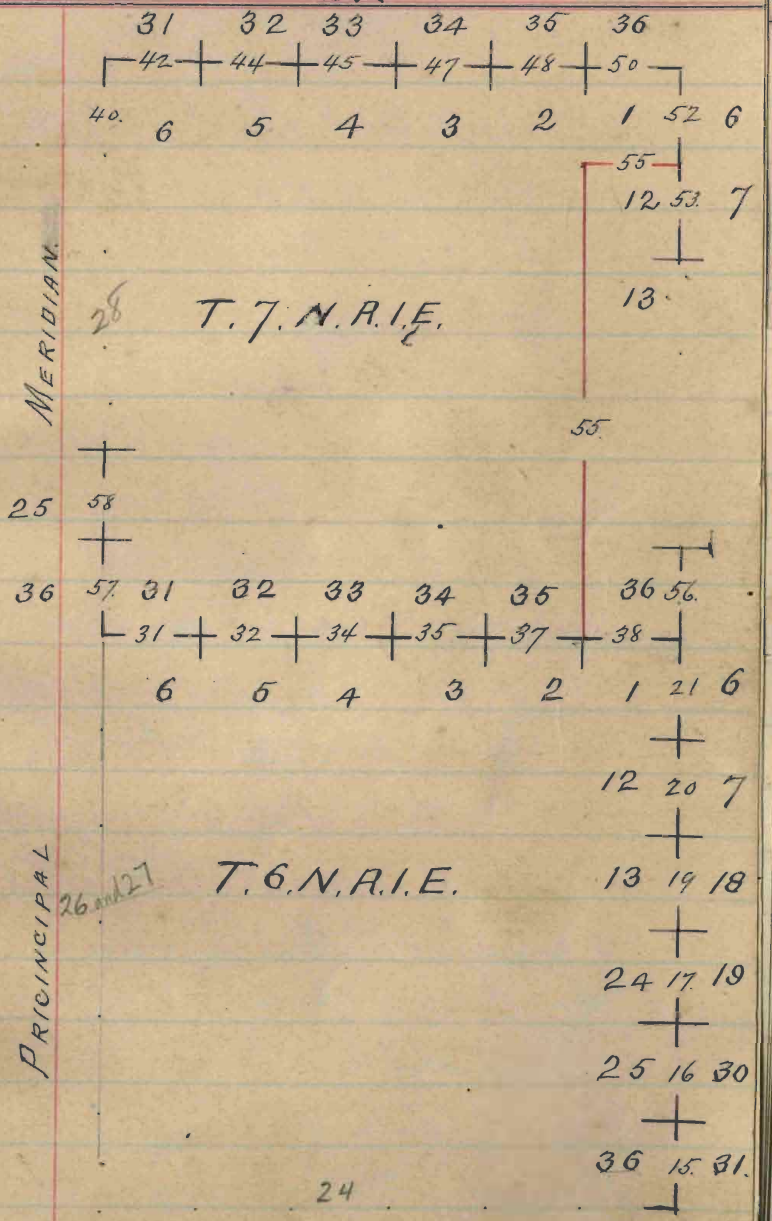
BOOK 1266



T. 4. N. R. 2. W.

1B

INDEX.



West boundary

Chains

As it is impracticable to establish the N.W. Cor. of T. 3 N. R. 2 W. I proceed to establish the West boundary of T. 4 N. R. 2 W. as follows. —

From the Cor. to Secs. 5, 6 31 and 32. Tps. 3 and 4 N. R. 2 W as recently established by me and hereinbefore described. I determine the meridian at this point. by the use of the Solar apparatus and find the Va. to be 13° 50' E Lat. 33° 38' N. Long. 112° 28' W. Thence I run N. 0° 30' W. on a blank line Va. 13° 50' E.

80.00 Set. temporary Cor.

T. 4. N. R. 2 W.

Chains

Thence I run West. on a blank line Va. 13°48' E.

79.56 to the West. boundary of Tp. The length of South boundary of Sec. 31, T. 3 N. R 2 W is 80.12 chains. The Convergency for 7 miles, 8 lks. per mile = 56 lks.

80.12 - 0.56 = 79.56 chains for true length S. bdy Sec. 30.

At this point I set a post. 4 ft. long 4 ins Square. with marked Stone 12 ins. in the ground. for Cor. to Secs. 25, 30. 31 & 36. marked T. 4. N. S. 30 on N.E. R. 2. W. S. 31 on S.E. R. 3. W. S. 36. on S.W. and

West boundary

Chains

S. 25 on N.W. faces. with 1 notch on S. and 5 notches on N. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base. around post.

Thence I run South. bet. Secs. 31 and 36 Va. 13° 45' E over rough broken ground.

40.00 Set a post 3 ft. long 3 ins. Square. with marked Stone 12 ins in the ground. for 1/4 Sec. Cor. marked 1/4 S. on W. face dug pits 18 x 18 x 12 ins. N. & S. of post. 5 1/2 ft. dist. and raised a mound of earth.

T. 4. N. R. 2. W.

chains

1½ ft. high 4½ ft. base around Post.
Land. rough & broken
Soil. Stony. 3d rate
Timber. mesquite 40 chs.

This Cor. is at the base of the White Tank Mountains which are rough and precipitous. impracticable to Survey. I discontinue the line at this Cor. I now return to the Sec. Cor. 40. chs. North. Just. Established.

North. bet. Decs. 25 and 30.

Va. 13° 45' E

2.00

In dense Mesquite undergrowth
Wash. 20 lks. wide 2 ft. deep

West Boundary

Chains	
	flows. S.E.
40.00	Set a post 3 ft. long 3 ins Square. with marked Stone 12 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 S on W. face dug pits 18X18X12 ins. N. & S. of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.
62.00	Phoenix and Prescott Wagon road bears. N.W. and S.E.
80.00	Set a post. 4 ft. long. 4 ins Square. with marked Stone 12 ins in the ground. for Cor. to Secs. 19. 24. 25 & 30. Marked T. 4 N. S. 19. on N.E. R. 2 W. S. 30 on S.E. R. 3. W. S. 25 on S.W. and

T. 4. N. R. 2. W.

Chains

S. 2 ft on N.W. faces. with 2 Notches on S. and 4 Notches on N. edges. dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth. 2 ft. high. 4½ ft. base. around post.

Land. level

Soil. Sandy 1st & 2d Rate

Dense Mesquite Undergrowth 80 chs.

North. bet. Secs. 19 and 24.

Va 13° 45' E

In dense mesquite brush

40.00 Set a post. 3 ft. long. 3 ins. Square. with marked Stone 12 ins. in the ground. for ¼ Sec. Cor. Marked ¼ S. on W. face dug pits 18 X 18 X 12. ins N.W.S.

West boundary

BOOK 1266

Chains	
	of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base around post.
50.00	Learn dense brush. bears E. & W.
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. 19 & 24. marked T. 4. N. R. 2 W. S. 18 on N.E. R. 2 W. S. 19 on S.E. R. 3. W. S. 24 on S.W. and S. 13 on N.W. faces with 3 notches on N. & S. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth. 2 ft. high 4 1/2 ft. base, around. post. Land. level.

8.

T. 4. N. R. 2. W.

Chains	
	Soil. Sandy loam 1st rate
	Dense Mesquite brush. 50. chs.
	North. bet. Secs. 13 and 18.
	Va. 13° 45' E
	over level land
40.00	Set a past. 3 ft. long. 3 ins Square. with marked Stone 12 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4. S. on W. face dug pits 18 X 18 X 12 ins. N. & S. of past. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base around past.
80.00	Set a past. 4 ft. long. 4 ins. Square. with marked Stone 12 ins. in the ground. for. Cor. to Secs. 7. 12. 13. & 18. marked

9.

West. boundary

Chains

T. 4. N. S. 7 on N.E.
R. 2. W. S. 18 on S.E.
R. 3. W. S. 13 on S.W. and
S. 12. on N.W. faces. with 4
notches on S. and 2 notches
on N. edges. dug pit 18X
18X12 ins. in each Sec. 5 1/2
ft. dist. and raised a mon
of earth. 2 ft. high. 4 1/2 ft
base. around post.
Land. level.
Soil. Sandy loam 1st rate
Timber mesquite 80. chs.

North. bet. Secs. 7 and 12.
Va. 13° 45' E.
over level land in timber
40.00 Set a post. 3 ft. long. 3 ins
Square. with marked Stone 12

T. 4. N. R. 2. W.

Chains

ins. in the ground. for. 1/4 Sec. Cor. marked. 1/4 S. on W. face dug pits 18x18x12 ins. N. & S. of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. 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. 1. 6. 7th and 12. marked T. 4. N. R. 2. W. S. 6 on N.E. R. 2. W. S. 7 on S.E. R. 3. W. S. 12. on S.W. and S. 1 on N.W. faces. with 5 notches on S. and 1 notch on N. edges. dug pits 18x18x12 ins. in each. Sec. 5 1/2 ft. dist. and raised a mound

West. boundary

Chains

of earth 2 ft. high 4 1/2 ft. base. around post.
Land. level.
Soil. Sandy 1st rate
Dense mesquite brush. 80 chs.

North. bet. Secs. 1 and 6.
Va. 13° 45' E
In dense Mesquite brush

36.50 Phoenix and Wickenburg Stage road. bears N.W. and S.E.

40.00 Set a post. 2 ft. long 3 ins Square, with marked Stone 12 ins. in the ground. for 1/4 Sec Cor. marked 1/4 S. on W. face drig pits 18 x 18 x 12 ins N & S of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base

T. 4 N. R. 2 W.

Chains	
70.50	Around past. Intersect first Standard parallel North at N 89° 30' E 15.30 chs. dist. from Standard Cor. to Tp. 5 N. Rs 2 & 3 W as recently reestablished by me. & hereinbefore described At this point Set a past 4 1/2 ft. long 4 ins Square with marked Stone 12 ins. in the ground. for Closing Cor. to Tps. 4 N. Rs. 2 & 3 W. Marked C.C. T. 4 N. on S. R. 2 W. S. 6 on E. R. 3 W. S 1 on W. faces with 6 Notches on S. E & W. faces. dug pits 24 x 18 x 12 ins. Crosswise on Each. line

West. boundary T. 4. N. R. 2. W.

chains

S. E & W. of past. 6 ft. dist. and raised a mound of earth 2 1/2 ft. high 5 ft. base around post.

Land. level.

Soil. Sandy loam 1st rate

Dense Mesquite brush 70.50 chs.

Sept. 20. 1844

400.50 chs. of this boundary run through dense mesquite underbrush

East. boundary. T. 6 N. R. 1. E.

Chains

In accordance with my letter of Special instructions. I proceed to the Cor. to Tps. 5. and 6. N. Rs. 1. and 2. E which is a Stone firmly set. and properly marked. and witnessed. as described in the field Notes furnished by the Surveyor General. Lat. 33° 49' N. Long. 112° 11' W. I verify the adjustments of my transit and find them Correct. — Nov. 7. 1894 At this Cor. I determine the true Meridian. by the use of the Solar Apparatus and find the Variation to be 13° 55' East. Nov. 7. 1894 Thence I run:

East. boundary

Chains	North. bet. Secs. 31. and 36. Va. 13° 55' E.
	over rough land. in dense Mesquite
21.75	Wash 50 lks wide 5 ft. deep flows. S.W.
33.25	Wash. 50 lks. wide 5 ft. deep. flows. S.W.
40.00	Set a granite Stone 18x9x6 ins 12 ins. in the ground for 1/4 Sec Cor. marked 1/4 on W. face and raised a mound of Stone 1½ ft. high 2 ft. base alongside Pits impracticable. -
80.00	Set a granite Stone 15x8x6 ins. 10 ins. in the ground. for Cor. to Secs. 25. 30. 31. and 36. with 1 Notch. on S. and 5 notches on N edges. and raised a mound of Stone 1½ ft. high.

J. 6. N. R. 1, E.

Chains.	2 ft. base alongside.
	Pits impracticable.
	Land rough.-
	Soil. gravelly 2d rate.
	Dense Mesquite undergrowth. 80. chs.

	North. bet. Secs. 25. and 30.
	Va. 13° 55' E.
	over broken land. in dense
	Mesquite and Palo. Verde.
24.00	Left. bank of New River. (dry)
	trans N.E. and S.W.
30.00	Right bank. of New River
	trans. N.E. and S.W.
40.00	Set a granite Stone 15x10x9 ins.
	10 ins. in the ground. for 1/4 Sec.
	Cor. Marked 1/4 on. W. face.
	and raised a Mound of Stone
	1 1/2 ft. high. 2 ft. base alongside

East. boundary.

Chains.	
56.90	Pits impracticable.- Wash. 20 lks. wide 4 ft. deep. flows. S.W.
80.00	Set a granite Stone 18x10x10. ins. 12 ins. in the ground. for. Cor. to Secs. 19, 24, 25 & 30. Marked with 2 notches on S. and 4 notches on N. edges. and raised a Mound of Stone 1½ ft. high 2 ft. base. alongside.- Pits impracticable.- Land. rough & broken Soil. gravelly 2d rate Dense Mesquite & Palo. Verde undergrowth. 80. chains -

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North. bet. Secs. 19. and 24.
Va. 13° 55' E.
over broken land. in places

T. 6. N. R. 1. E.

Chains	
	Mesquite and Palo Verde.
31.40	Wash 20 lks. wide. 2 ft. deep. flows. West.
40.00	Set a granite Stone 18X10X8 ins. 12 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on W. face and raised a mound of Stone 1 1/2 ft. high. 2 ft. base alongside Pits impracticable. -
66.00	Wagon road. bears E. & W.
80.00	Set a granite Stone 16x8x8 ins. 11 ins. in the ground. for. Cor. to Secs. 13. 18. 19. & 24. Marked with 3 notches on N. and S. edges and raised a mound of Stone 1 1/2 ft. high. 2 ft. base alongside Pits impracticable. -
	Land rough & broken
	Soil. gravelly 2d rate. -

East boundary.

Chains.	
	Dense Mesquite and Palo Verde undergrowth. 80. Chs.

	North. bet. Secs. 13. and 18. Va. 13°35' E.
	Over broken land. in dense Mesquite and Palo Verde
40.00	Set a Malpais Stone 16x10x4 ins. 11 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on W. face and raised a mound of Stone 1½ ft. high. 2 ft. base. alongside Pits impracticable
80.00	Set a Malpais Stone 20x9x7 ins. 15 ins. in the ground. for Cor. to Secs. 7. 12. 13. and 18. Marked with 4 notches on S. and 2 notches on N. edges. and raised a Mound of Stone 1½ ft. high

T. 6. N. R. 1. E. 20.

Chains. 2 ft. base alongside
Pits impracticable.
Land rough and broken
Soil. Stony 3d rate
Dense Mesquite & Palo Verde
undergrowth. 80. Chains. –

North. bet. Secs. 7. and 12.
Va. 13° 55' E.
Over broken land. in dense
Mesquite and Palo Verde
40.00 Set a Malpais Stone 22x10x6 ins.
16 ins. in the ground. for 1/4 Sec.
Cor. Marked 1/4 on W. face
and raised a mound of Stone
1½ ft. high. 2 ft. base alongside
Pits impracticable
80.00 Set a Malpais Stone 18x10x6 ins.
12 ins. in the ground. for Cor. to

East boundary.

Chains

Secs. 1. 6. 7. and 12. marked with 5 notches on S. and 1 notch on N. edges. and raised a mound of Stone 1½ ft. high 2 ft. base alongside Pits impracticable.- Land Rough and broken Soil. Stony. 3d rate. Dense Mesquite and Palo Verde undergrowth 80. chs.

North. bet. Secs. 1. and 6.
Va 13° 55' E.
over broken land. in dense Mesquite and Palo. Verde

40.00 Set a Malpais Stone 16 x 9 x 8 ins. 11 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on W. face and raised a mound of Stone

T. 6. N. R. 1. E.

Chains	1½ ft. high 2 ft. base along-side. Pits impracticable
49.75	Wash 50 lks. wide. 15 ft. deep. flows. S 60° E
67.15	Wash. 20 lks. wide. 6 ft. deep. flows. Easterly.
80.00	Set a granite Stone 18x10x8 ins. 12 ins. in the ground. for. Cor. to Tps. 6. and 7 N. Rs. 1. and 2. E. Marked with 6 notches on N. S. E. and W. edges. and raised a mound of Stone 1½ ft. high. 2 ft. base. alongside Pits impracticable. — Land. rough and broken Soil. Stony. 3d rate. Dense mesquite and Palo Verde undergrowth. 80. chains. —

Nov. 7. 1894

480 chs. of this boundary, run through dense mesquite and Palo Verde underwood

North. boundary. T. 6. N. R. 1. E.

Chains

From the Cor. to Tps. 6 & 7. N. Rs. 1. and 2. E. Just. established, I run West. on a random line var. 13° 55' E. over Montainious Country. Setting temporary 1/2 Mile and Mile Cors. at each 40 and 80 chains. and at 5 Miles 77 chains and 70 lks. I find the Cor. to Tps. 6. and 7. N. R 1. E. and 1. W. brass. S. 11.00 chs. dist. a Stone firmly Set & properly marked and witnessed. as described in the field notes furnished by the Surveyor General. At this point. I Set temp. Cor. and verify the adjustments of my transit and

South boundary T. 6. N. R. 1. E.

Chains. find them Correct. —
In order to locate the closing Error. of the N. boundary of T. 6 N. R. 1. E. I proceed as follows. to. wit
I retrace the random N. boundary. and the Established E. boundary. of the township. and find them Correct. in alignment and measurement

Nov. 8. 1894

From the Established Cor. to Tps. 5 and 6. N. Rs 1. and 2 E. as hereinbefore described
I run.
S 89° 53' W. on S. bdy of Tps.
Va. 13° 55' E
I find 1/4 Sec. and Sec Cors. at each 40 and 80 chains

South boundary T. 6. N. R. 1. E.

Chains | firmly Set and properly Marked. and witnessed. as described in the field Notes furnished by the Surveyor Genral. and at 479.80 chs. I find malpais rock. firmly Set and properly marked for Cor. to Tps. 5. & 6. N. R. 1. E. and R. 1. W. as described in the field Notes furnished by the Surveyor Genral.—

To properly locate the closing Error. of the Exterior lines of Tp. 6. N. R. 1. E. I proceed to retrace the Principal Meridian through T. 6. N. I verify the adjustments of My transit and find them Correct.

Principal Meridian thro' T. 6. N.

Chains	
	From the established Cor. to Ts. 5. and 6. N. R. 1. E. and 1. W. I run. North. on a random line Va. 13°55' E.
30.00	Old 1/4 Sec. Cor. brans. E. 10 lks dist
69.70	old Sec. Cor. brans. E. 20 lks. dist.
109.80	old 1/4 Sec. Cor. brans E. 32 lks. dist.
149.95	old Sec Cor. brans E. 44 lks. dist.
189.95	old 1/4 Sec. Cor. brans. E. 55 lks. dist.
229.95	old Sec Cor. brans. E. 67 lks. dist.
270.10	old 1/4 Sec. Cor. brans E 79 lks. dist.
310.20	old Sec Cor. brans E. 91 lks. dist.
350.25	old 1/4 Sec Cor. brans E 102 lks dist.
390.30	old Sec. Cor brans. E. 114 lks. dist.
430.10	old 1/4 Sec. Cor. brans. E 126 lks. dist.
470.20	Cor. to Ts. 6. and 7. N R. 1. E + 1. W, brans. E. 138 lks. dist. all the old Cors. on this line

Principal Meridian thro. T. 6. N.

Chains are firmly Set. and properly marked and witnessed, as described in the field Notes, furnished by the Surveyor General. —

The true Course of the Principal Meridian through T. 6. N. will be N 0° 10' E.

Nov. 9. 1844

For the proper prosecution of my work, and to Establish the closing Cor. to Tps. 6, 7, 7, N. R. 1. E. on principal meridian. I retrace the Principal Meridian thro' Township 7 North. — as follows.

Principal Meridian thro T. 7. N.

Chains	
	From the Cor. to Tps. 6 & 7, N. R 1 E and 1 W. on principal Meridian. a Malpais Stone firmly Set. and properly Marked and witnessed. as described in the field Notes furnished by the Surveyor General. —
	Thence I run North, on a random line Va. 13°55' E.
11.00	temp. Closing Tp. Cor.
40.00	old 1/4 Sec. Cor. brors. W. 23 lks dist.
80.00	I find no trace of old Sec Cor.
120.33	old 1/4 Sec. Cor. brors. W. 70. lks dist
160.53	old Sec Cor. brors W. 93 lks. dist.
200.50	old 1/4 Sec. Cor. brors. W. 117 lks. dist.
240.90	old Sec. Cor. brors. W. 140. lks. dist.
281.00	old 1/4 Sec. Cor. brors W. 163. lks. dist.

Principal Meridian thro' T. 7 N.

chs.	
321.26	old Sec Cor. brors. W. 187 lks. dist.
361.00	old 1/4 Sec. Cor. brors. W. 210 lks. dist.
401.10	old Sec. Cor. brors W. 233 lks. dist
440.30	old 1/4 Sec Cor. brors W. 257 lks. dist
481.00	Cor. to Tps. 7 & 8. N. Rs 1. E. & 1. W., brars. W. 280 links dist.

All the old Cors. on this line, except. Cor. to Secs. 25. 30. 31 & 36. are firmly Set. properly Marked and witnessd. as described in the field Notes furnished by the Surveyor General.-

The true Course. of the Principal Meridian through T. 7 N. will therefore be No° 20' W.

Nov. 10. 1894

North boundary. T. 6 N. R. 1 E.

Chains

I now go to the temp. Cor. on W. end of random line bet. Tps. 6 & 7 N. 11.00 chs. N. of Cor. to Tps. 6 & 7 N. Rs. 1 E. & 1 W. I move the temp. Tp. Cor. W. 5 lks. thus intersecting the principal meridian and making the random line bet. Tps. 6 & 7 N. 477.75 chs. long. Where I

X Set a granite Stone 15 x 10 x 10 ins 10 ins. in the ground for Closing Cor. to Tps. 6 & 7. N. R. 1 E. Marked C. C. on E. with 6 notches on N. S. and E. faces and raised a mound of Stone 1½ ft. high 2 ft. base alongside Pits impracticable.

Cor. to Tps. 6 & 7 N. R. 1 W.

North boundary.

Chains	
	brass. S 0° 20' E 11.00 chs. dist. I obliterate the marks on this Cor. referring to Tps. on the East.—
	Thence I run East. on a true line bet. Secs. 6 and 31. Va 13° 55' E.
	over rough land. in Catclaw and Palo Verde undergrowth.
37.75	Set a granite Stone 16x8x8 ins. 11 ins. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face, and raised a mound of Stone 1 1/2 ft. high. 2 ft. base. alongside Pits impracticable.
48.00	Right bank of Cattle Creek dry brass S 60° E & N 60° W. (dry)
53.00	Wagon road brass N. Westerly & S. Easterly

T. 6. N. R. 1. E.

Chains	
58.00	Left. bank of Castle Creek dry brars S 60° E. & N 60° W.
72.00	Wash 20 lks. wide. 2 ft. dep. flows S.E.
75.00	Wagon road brars. N.W. & S.E.
77.75	Set a granite Stone 15x10x10 ins. 10 ins. in the ground. for Cor to Secs. 5. 6. 31 & 32. marked with 1 Notch on W. and 5 notches on E. edges. and raised a mound of Stone 1½ ft. high 2 ft. base alongside. Pits impracticable Ground and broken Soil. gravelly 2d rate Dense Catelaw and Palo. Verde undergrowth. 77.75 chs.

East. on a true line bet. Secs. 5 and 32.

Va. 13° 55' E.

North boundary.

Chains	
	over rough land. in dense Mesquite and Palo Verde. ascend
7.00	Top of ridge bears N.W. & S.E. descend
16.50	foot of ridge
40.00	Set a granite Stone 15x10x10 ins. 10 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. and raised a mound of stone 1½ ft. high. 2 ft. base alongside. Pits impracticable
63.50	Phonix and Prescott Stage road bears. N.W. & S.E.
79.00	Wash 20 lks. wide. 3 ft. deep. flows. S 20° W.
80.00	Set a granite Stone 15x9x7 ins. 10 ins. in the ground. for Cor. to Secs. 4. 5. 32. & 33. marked with 2 notches on W. and 4 notches on E. edges. and raised a mound

T. 6. N. R. 1. E.

Chains

of Stone 1 1/2 ft. high. 2 ft. base alongside. Pits impracticable Land rough and broken Soil. gravelly 2d rate. Dense Mesquite and Palo. Verde undergrowth. 80. Chs.

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on a true line
East. bet. Secs. 4. and 33.
Va. 13°55' E.
over rough land. in dense Mesquite and Palo Verde

35.00 Set a granite Stone 16x10x8 ins. 11 ins. in the ground. for Witness to 1/4 Sec. Cor. Marked W.C. 1/4 on N. face. and raised a mound of Stone 1 1/2 ft. high. 2 ft. base alongside. Pits impracticable. deserd

37.00 X Right bank of Agua Fria River trans. N 60° E & S 60° W. dry

North boundary.

Chains	
40.00	Dry bed of Agua Fria River W and
46.00	Left bank Agua Fria River
	bears. N.E. & S.W. Thence along
	Northern Slope of mountain
80.00	Set a granite Stone 20x10x8 ins.
	15 ins. in the ground. for Cor. to
	Secs. 3. 4. 33 & 34. marked with
	3 notches on E. & W edges. and
	raised a mound of Stone 1½ ft.
	high. 2 ft. base. alongside. -
	Pits impracticable
	Land rough and broken
	Soil Stony 3d rate.
	Dense Mesquite and Palo Verde
	undergrowth 80. chs.

East on a true line Cor. Secs. 3. & 34.

Va. 13° 55' E.

over Mountainous Country. ins

Chains	
	dense Mesquite and Palo Verde
40.00	on North end of rocky point.
	Set a granite Stone 20x8x6 ins.
	in mound of Stone. Marked 1/4 on
	N. face. and raised a mound of
	Stone 1 1/2 ft. high. 2 ft. base
	alongside. Pits impracticable.
56.00	bottom of gulch. flows. North.
74.00	Set a granite Stone 20x8x8 ins.
	in mound of Stone. Marked
	W.C. on S.W. face with 4 notches
	on W. and 2 notches on E. edges.
	and raised a mound of Stone
	1 1/2 ft. high. 2 ft. base. alongside
	Pits impracticable
80.00	bottom of Canon. flows North
	Land Mountainous
	Soil. Stony 3d & 4th rate
	Dense Mesquite & Palo Verde. 80 chs.

North boundary.

Chains.	
	East on a true line bet. Secs. 2 & 35 Va. 13°55' E.
	over Mountainous land, in dense Mesquite and Palo Verde brush ascend from Cañon
39.00	Top of mountain bears N.W. & S.E. descend
40.00	Set a granite Stone 18x8x8 ins. 12 ins. in the ground for 1/4 Sec. Cor. Marked 1/4 on N. face. and raised a mound of Stone 1½ ft. high. 2 ft. base. alongside Pits impracticable
50.00	bottom of Cañon flows. North. ascend
75.00	Top of Mountain bears. N.E.S. descend
80.00	Set a granite Stone 18x8x6 ins. 12 ins. in the ground. for Cor. to Secs. 1, 2, 35 & 36, marked with 5 notches on W. and 1 notch on E. edges. and raised a mound

T. 6. N. R. 1. E.

Chains	
	of Stone 1 1/2 ft. high 2 ft.
	base alongside Pits impracticable
	Land Mountainous. 80 chs.
	Soil. rocky 4th rate.
	Dense Mesquite and Palo. Verde 80 chs.

	East on a true line. bet. Secs. 1. and 36.
	Va. 13° 55' E.
	over Mountainous land. in dens
	Mesquite and Palo. Verde. descend
15.00	bottom of Cañon. flows. N. ascend
30.00	top of Main divide. trees N. & S. descend
40.00	Set a Malpais Stone 16 x 8 x 6 ins.
	11 ins. in the ground. for 1/4 Sec.
	Cor. Marked 1/4 on N. face. and
	raised a mound of Stone 1 1/2 ft.
	high. 2 ft. base. alongside. -
	Pits impracticable
75.00	Eastern base of Mountain trees N. & S.

North. boundary. T. 6. N. R. 1. E.

Chains.	
	and Entr rolling land.
80.00	The Cor. to Tps. 6. & 7. N. Rs. 1. & 2 E.
	Hereinbefore described.
	Land Mountainous 80 chs.
	Soil. rocky. 4th rate.
	Dense Mesquite and Palo Verde
	80. chains.

Nov. 12. 1894

477.75 chs. of this boundary run
over Mountains. or thro dense Mesquite
and Palo Verde underbrush.

Principal Meridian thro' T. 7. N.

Chains

I go to the Cor. to Tps. 7. and 8. N. Rs. 1. E & 1 W. a Stone firmly Set. properly Marked and Witnessed as. described in the field Notes furnished by the Surveyor General. I obliterate Marks on this Stone, referring to Tps. on the East.

Closing Cor. to Tps. 6. and 7 N. R. 1. E. Bears S 0° 20' E. 470. chs. dist.

Thence I run.

North. on Principal Meridian

Va. 13° 55' E.

10.00

Set a granite Stone 36x24x10 ins. in mound. of Stone. for Closing Cor. to Tps. 7. and 8. N. R. 1. E. Marked C.C. on E. with 6 notches on N. S. & E. faces. and raised

North boundary.

Chains. a mound of Stone 1 1/2 ft. high 2 ft. base: alongside. — Pits impracticable. —

As it is impracticable to Survey the greater portion of the East. boundary of T. 7 N. R. 1 E. on account of high precipitous and inaccessible Mountains. I Establish the North boundary of this township. as follows. by running a line due East. from the Closing Cor. just established. —

From the Closing Cor. to Tps. T. 7 & 8 N. R. 1 E. on the Principal Meridian. Lat. 33° 59' N. Long. 112° 17' 30" W

Nov. 13. 1894

T. 7. N. R. 1. E.

Chains	
	I run.
	East. on a true line.
	Bet. Secs. 6. and 31.
	Va. 13°55' E.
	over rolling land in dense
	Mesquite and Palo Verde
12.50	Wash 40 lks wide flows. Set 0°E
31.50	Wash. 30 lks. wide flows. South again
40.01	Top of ridge brons. N.&S.
	Set a granite stone 16x10x6 ins.
	11 ins. in the ground. for 1/4 Sec
	Cor. Marked 1/4 on N. face.—
	and raised a mound of stone
	1½ ft. high. 2 ft. base. alongside
	Pits impracticable. - descend
53.00	Wash. 20 lks. wide flows S 20°E
58.50	Hennbug Creek 1 ch. wide
	flows. South.—
80.01	Set a granite stone 16x10x5 ins.

North boundary.

Chains. 11 ins. in the ground for Cor. to Secs. 5. 6. 31. and 32 Marked with 1 notch on W. and 5 notches on E. edges. and raised a mound of Stone 1½ ft. high. 2 ft. base alongside Pits impracticable
Land rolling
Soil. gravelly 2nd & 3d rate.
Desert Mesquite & Palo Verde undergrowth. 80. 01 chs.

Note. the length of this line was determined. as follows.
Length of S. bdy Tp. 477. 75 chs.
Falling on principal.
Meridian 470. chs. add. 2. 75
Same 480. 50
Convergency. deduct. 49
Length N. bdy Tp. = 480. 01 chs.

T. 7. N. R. 1. E.

Chains	
	East. bet. Secs. 5. and 32.
	Va. 13°55' E.
	over rolling land. in dense
	Mesquite and Palo Verde.
10.00	Wash. 20 lks. wide flows. Southerly.
30.00	Wash. 10 lks. wide flows. S. easterly
39.00	Top of ridge bears N10°W & S10°E
40.00	Set a granite Stone 16x10x10 discard
	ins. 11 ins. in the ground. for
	1/4 Sec. Cor. Marked 1/4 on
	N. face. and raised a Mound
	of Stone 1½ ft. high. 2 ft.
	base. alongside Pits inscribed
70.00	old Wagon road. bears. NW. & S.E.
80.00	Set a granite Stone 16x10x8
	ins. 11 ins. in the ground. for
	Cor. to Secs. 4.5. 32 & 33.
	Marked. with 2 notches on W.
	and. 4 notches on E. faces

North boundary.

Chains	
	and raised a mound of Stone 1½ ft. high. 2 ft. base along side. Pits impracticable
	Land. rolling.
	Soil gravelly. 3d rate
	Dense Mesquite and Palo Verde undergrowth. 80 chs.
	East. bet. Secs. 4 and 33. Va. 13°55' E.
	over rolling land. in dense Mesquite and Palo Verde
3.00	Wash. 30 lks. wide 10 ft. deep flows. S. ascend
31.00	Top of ridge trans. N. & S. descend
40.00	Set a granite Stone 16x8x6 ins. 11 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on N. face. dug Pits 18x18x12 ins.

T. 7. N. R. 1. E.

Chains

E. & W. of Stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base — alongside.

78.00 Center of Bonita Creek. 30 ft. deep. flows. Southerly. a small streams of water

80.00 Set a granite Stone 15 x 13 x 5 ins. 10 ins. in the ground. for Cor. to Secs. 3. 4. 33. & 34. marked with 3 notches on E. & W edges. and raised a mound of Stone 1 1/2 ft. high 2 ft. base. alongside Pits impracticable. —

Land. rolling.

Soil. Stony 3d rate

Dense mesquite and Palo. Verde undergrowth 80. chs.

North boundary.

Chains	
	East. bet. Secs. 3. and 34.
	Va. 13° 55' E.
	Over rolling land. in dense Mesquite and Palo. Verde
39.50	Wash. 10 lks. wide, flows S.W.
40.00	Set a granite Stone 18x10x8 ins. 12 ins. in the ground for 1/4 Sec. Cor. Marked 1/4 on N. face. and raised a Mound of Stone 1½ ft. high 2 ft. base. along side Pits impracticable
80.00	Set a granite Stone 16x10x6 ins. 11. ins. in the ground for Cor. to. Secs. 2. 3. 34 & 35 Marked with 4 Notches on W. and 2 Notches on E. Edges. and raised a Mound of Stone 1½ ft. high. 2 ft.

T. 7. N. R. 1. E.

Chain	2 ft. base: alongside.-
	Pits incrusticable.-
	Land rough & broken
	Soil. Stony. 3d & 4th rate
	Dense Mesquite and Palo
	Verde undergrowth 80. Chs.
	East. bet. Secs. 2. & 35.
	Va. 13°55' E.
	Over Mountainous land, in
	dense Mesquite & Palo Verde
	ascend
10.00	Top of Slate ridge bears. N. & S.
	descend
12.00	Deep Cañon flows. S. ascend
30.00	S. base of a rock pillar
	50 ft. diam. 75 ft. high. on
	S. side of Mountain.
40.00	Top of high rocky ridge

 North boundary.

Chains	Brors. N.E.S.
	Set a granite Stone 18x10x6 ins 12 ins. in the ground for 1/4 Sec. Cor. Marked 1/4 on N. face and raised a mound of Stone 1½ ft. high. 2 ft. base alongside Pits impracticable, descend
80.00	Set a granite Stone 16x10x6 ins. 11. ins. in the ground. for Cor. to Secs. 1. 2. 35. & 36. Marked with 5 notches on W. and 1 notch on E. edges. and raised a mound of Stone 1½ ft. high 2 ft. base. alongside. Pits impracticable. Land Mountainous. 8 chs. Soil. Stony. 4th rate. Dense Mesquite & Palo. Verde undergrowth. 80. chs.

50.

T. 7. N. R. 1. E.

Chains.	
	East. bet. Secs. 1. and 36. Va. 13°55' E.
	Over Mountainous land. in dense Mesquite & Palo Verde
35.00	Center of Rock Creek 80 lks wide dry flows. South ascend
40.00	Set a granite Stone 18x8x5 ins. 12 ins in the ground for 1/4 Sec. Cor. Marked 1/4 on N. face. and raised a mound of Stone 1 1/2 ft. high 2 ft. base. alongside. Pits impracticable
60.00	Top. of ridge brans. N.E. descend
80.00	Set a granite Stone 18x10x8 ins. 12 ins. in the ground. for Cor to Sps. 7, & 8. N. Rs. 1 & 2 E. Marked with 6 notches on Each edge. and raised a

East boundary.

Chains	Mound of Stone 1½ ft. high. 2 ft. base. alongside Pits impracticable.
	Land Mountainous 80. chs.
	Soil. Stony 4th rate.
	Dense Mesquite and Palo Verde undergrowth. 80. chs.
	480. 01 chs. of this boundary run over mountains of dense undergrowth. Nov. 13. 1894
	At this Cor. I Verify the adjustments of my transit and find them Correct. I determine the true Meridian by the use of the Solar Apparatus. and find the Variation of the Magnetic Needle to be 13°55' East. Thence I run South. on a true line on E. bdy of the Gp.

T. 7. N. R. 1. E.

Chains.	
	bet. Secs. 1 and 6.
	Va. 13° 55' E.
	over broken land. in dense Mesquite and Palo. Verde
	Lat. 33° 59' N. Long. 112° 11' W.
40.00	Set a granite Stone 18x10x4 ins. 12 ins. in the ground. for 1/4 Sec. Cor. Marked 1/4 on W. face. dug pits 18x18x 12 ins. N. and S. of Stone 5 1/2 ft. dist. and raised a mound of Earth 1 1/2 ft. high. 3 1/2 ft. base alongside.-
74.00	Enter Agua Fria bottom. Cross wire fence & Enter field brors. N.E. & S.W.
79.90	Cross wire fence and leave field brors. N 60° E & S 60° W
80.00	Set a granite Stone 16x10x8 ins.

East. boundary.

Chains

11. ins. in the ground. for Cor. to Secs. 1. 6. 7 & 12 marked with 1 notch on N. and 5 notches on S. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of Earth. 2 ft. high. 4 1/2 ft base. alongside.-

Land rough & broken 74. chs.

Land level 6 chs.

Soil. Stony & Sandy. 3d & 1st rate

Dense Mesquite and Palo Verde undu growth. 74 chs.

South. bet. Secs. 7. and 12

Va. 13° 55' E.

over bottom land

0.30 Right bank Agua Fria River dry

brass. N 80° E & S 80° W.

T. 7. N. R. 1. E.

chains	
4.00	Left. bank Agua Fria River, dry
	bears. N 78° E & S 78° W. ascend
40.00	Rock in place. 1 ft. above
	ground. Marked with Cross
	thus + 1/4. for 1/4 Sec. Cor.
	and raised a Mound of
	Stone 1 1/2 ft. high 2 ft. base
	alongside.-
	This Cor. is at the northern
	base of a high rocky and
	precipitous Mountain. I
	discontinue the line. as
	impracticable to survey.
	Land. broken.
	Soil. Stony 3d rate
	Dense mesquite & Palo Verde
	undergrowth 36 chs.

East. boundary T. 7. N. R. 1. E.

Chains	
	In order to be able to tabulate the Closing Errors in the Survey of the Exterior lines of T. 7. N. R. 1. E. I Connect with the S. boundary of the Tp. as follows. From the Cor to Secs. 1. 6. 7 & 12 on E. bdy of Tp. just established by me. I run West. on a blank line Va. 13°55' E
80.00	to a point. Set temp. Cor. Thence I run S 0°1' E on a blank line Va. 13°55' E.
400.10	I intersect S. bdy of Tp. at. 15 lks. west. of Cor. to Secs. 1. 2. 35 & 36. as hereinbefore described. Nov. 14. 1894

East boundary T. 7 N. R. 1 E.

Chains	
	From the Cor. to Tps. 6 & 7 N., Rs 1 and 2 E. hereinbefore described I. run
	North on a true line on E. bdy of Tp. bet. Secs. 31 & 36 Va. 13° 55' E.
	over level land. in dense brush.
1.00	Wash 10 lks. wide flows Easterly
40.00	Set a granite Stone 20 x 10 x 10 ins. in Mound of Stone. Marked 1/4 on W. face. for 1/4 Sec. Cor. and raised a Mound of Stone 1 1/2 ft. high 2 ft. base (this impracticable) alongside. This Cor is at the Southern base of a high rocky and precipitous Mountain. impracticable to Survey I discontinue the line here Land broken Soil. Stony 4th rate Dense mesquite & Palo Verde 40 chs.

150. chs. of this boundary run thro dense undergrowth.

Principal Meridian

Chains	
	I now proceed to re establish the Cor. to Secs. 25 & 36. Tp 7. N. R. 1. W. on Principal Meridian as follows.
	I begin at the 1/4 Sec Cor. on E. bdy of Sec. 36. Tp 7. N. R. 1. W.
	Thence I run
	N 0° 20' W. on E bdy of Sec. 36
	Va. 13° 55' E
34.00	Right bank of Castle Creek dry bears. S 64° E & N 64° W.
38.50	Wagon Road in Castle Creek bears. S 64° E & N 64° W.
39.50	Foot of bluff 80 ft high.
40.00	I make diligent search, but fail to faind any trace of the old Sec Cor.
80.33	I find the old 1/4 Sec Cor. on E. bdy Sec. 25. in Malpais.

through T. 7. N. R. 1. W.

Chains

Stone firmly set. properly marked and witnessed. as described in the field notes furnished by the Surveyor General.
From this 1/4 Sec Cor. I run
S 0° 20' E on E. bdy Sec. 25
Va. 13°55' E

40.16

Proportionate dist. for Secs. Cor. falls on side of steep rock bluff. impracticable to make Cor. permanent at this point.
I set. witness Cor. N 0° 20' W
4.00 chs. dist. as follows.
Set a malpais Stone 20x10x8 ins 15 ins in the ground. for witness Cor. to Secs. 25 & 36. T 7 N. R 1 W. marked W.C. on W. with 1 notch on S. and 5 notches on N. faces. & raised a mound of Stone 1½ ft.

high 2 ft. base. along side.
Pits impracticable
Nov. 14. 1894.

Exteriors. T. 4 N. R. 2. W.

Boundary	Truebearing	Distance	Latitude N.	Latitude S.	Departures E.	Departures W.
W. bdy	N 0° 3' W.	80.00	80.00			.07
S. B'dy	West.	79.56				79.56
W. B'dy	North	390.50	390.50			
N. Bdy	N 89° 30' E	479.35	4.20		479.35	
E. B'dy	South	474.60		474.60		
S. B'dy	West.	400.00				400.00
Convergency					.48	
			474.70	474.60	479.83	479.63
	Totals		474.60		479.63	
	Error in Latitude		10			
	Error in departure				20	

Exteriors T. 6 N. R. 1 E.

Boundary	True bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
W. Boundary	N 0°10' E	481.20	481.20		1.40	
N. Boundary	East.	477.75			477.75	
E. Boundary	South	480.00		480.00		
S. Boundary	S 84°53' W	479.80		.98		479.80
Convergency					.49	
	Totals		481.20	480.98	479.64	479.80
			480.98			479.64
	Error in latitude		.22	Error in departure		.16

Exteriors T. 7 N. R. 1 E.

Boundary	True bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
W. Boundary	N 0°20' W	470.00	470.00			2.75
W. Boundary	North	10.00	10.00			
N. Boundary	East.	480.01			480.01	
E. Boundary	South	80.00		80.00		
	West.	80.00				80.00
	S 0°2' E	400.10		400.10	.24	
S. Boundary	West.	397.75				397.75
Convergency					.49	
	Totals		480.00	480.10	480.74	480.50
				480.00	480.50	
	Error in latitude			.10		
	Error in departure				.24	

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Albert. T. Colton.
U. S. Deputy. Surveyor.
Nov. 14th. 1894.

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List of Names.

A List of the Names of the Individuals employed by Albert J. Colton *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* Exterior boundaries of Tps 3 and 4 N. Ranges 1 and 2 W. and Tps 6 and 7 North, Range 1 East

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

W. C. Jennings ..... Chainman.

Casimiro Arviso ..... Chainman.

William H. Merrill ~~Chainman.~~ axeman

..... Chainman.

Guy Kerr ..... Axeman.

..... Axeman.

Thomas Peyton ..... Flagman.

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BOOK 1266

Final Oath of Assistants.

We hereby certify that we assisted Albert T. Colton *U. S. Deputy Surveyor, in surveying all those parts or portions of the* Exterior lines of Tps. 3 & 4 N. Rs. 1 & 2 W. and Tps. 6 & 7 N. Rs. 1 E.

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.

W. C. Jennings *Chainman.*

Casimiro Arvizo *Chainman.*

William H. Merritt *Axeman* ~~Chainman~~.

Chainman.

Guy New *Axeman.*

Axeman.

Thomas Peyton *Flagman.*

Sworn to and subscribed before me, this 14th *day of* Feb *189*5

Wm. F. Williams

~~Notary Public~~.

[SEAL.] Clerk District Court, Second Judicial District, Arizona.

BOOK 1266

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Final Oath of U. S. Deputy Surveyor.

I, Albert T. Colton

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Royal A.~~ Levy H. ~~Johnson~~ Manning, United States Surveyor-General for Arizona, bearing date of the fourteenth day of March 1894 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 Exterior boundys of Township Nos 3 and 4 North, Ranges 1 and 2 West and Townships 6 and 7 North Range 1 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.

Albert T. Colton

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 18th

day of February, 1895

Levi H. Manning

U. S. Surv. Gen.

BOOK 1266 66

U.S. Surveyor-General's Office,

Tucson, Arizona, August 6th. 1896.

he foregoing field notes of the Surveys
f the Exterior Boundaries of Tps, 3 and 4
Ranges 1 and 2 West and Tps, 6 and 7 N.
nge 1 East, Gila and Salt River Meridian
izona, executed by

ALBERT T. COLTON,

S. Deputy Surveyor, under his Contract
ted March 14th, 1894, having been critically
amined, the necessary corrections and ex-
anations made, the said Field Notes, and
e surveys they describe are hereby appr-
ed.

George J. Roskruge

U.S. Surveyor General,

for the District of Arizona.