

No. 979

T. 4 S. R. 5 E.
Book-3-

Subs. & Memos

T. 4 S. R. 5 E.

626

BOOK 979

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Indexed, Book 977

Township 145 R. 156

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Subdivision and Meander lines T. 14. S. R. 15. E.

Mains

33.80 Cross road to Tucson, bears NW. and S.

40.00 Set a granite stone 15 x 6 x 6 ins., 10 ins. in the ground for $\frac{1}{4}$ Sec. cor., marked $\frac{1}{4}$ on W. face, dig pits 18 x 18 x 12 ins., N. and S. of stone, 3 ft. diam., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

49.00 Left bank of "Pantano" wash or river
Set a granite stone 16 x 9 x 6 ins., 11 ins. in the ground for meander cor. of fract. secs 27 and 28, with 3 grooves on E. face, marked MC. on N. face, dig a pit 36 x 36 x 12 ins., 8 ft. S. of stone, and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

69.65 Right bank of Pantano river
Set a limestone 18 x 10 x 7 ins., 12 ins. in the ground for meander cor. of fract. secs. 27 and 28, marked

Subdivision of T. 14 S.

Chain

N.C. on S. face, with 3 grooves on E. face, dig a pit $36 \times 36 \times 12$ ins., 8 ft. N. of stone, and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

80.00. Set a granite stone $18 \times 8 \times 8$ ins., 12 ins. in the ground for Cor. to Secs 21, 22, 27, and 28, marked with 2 notches on S. and 3 notches on E. edges, dig pits $18 \times 18 \times 12$ ins. in each sec., $5\frac{1}{2}$ ft. diam., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and level.

Soil, sandy and gravelly loam, 1st 2^d and 3^d rate.

No timber; catclaw, palo verde, and greasewood undergrowth; cholla, and giant cacti.

R. 15 C. Continued.

Chassis.

East on a random line bet. Secs.
22. and 27.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.00 Intersect N. and S. line 7 lks. N.
of the cor. to secs. 22. 23. 26. and 27.

Thence I run

N. $89^{\circ}57'$ W. on a true line bet. Secs.
22. and 27.

Over rolling mesa through scattering
undergrowth.

20.25 Cross dry wash 20 lks. wide, course N.N.W.

25.95 Cross-road bears NW. and SE.

33.80 ~~Cross dry wash 4 lks. wide, course NW.~~

40.00 Set a sandstone $15 \times 8 \times 6$ ins. 10 ins.
in the ground for $\frac{1}{4}$ Sec. Cor, marked
 $\frac{1}{4}$ on N. face, from which

A palo verde tree 4 ins. diam, bears
S. $39^{\circ}\frac{1}{4}'$ W., 103 lks. dist; marked $\frac{1}{4}$ S. B.T. Cor;

A palo verde tree 5 ins. diam, bears

Subdivision of T. 14 S.

Chains.

N. $51\frac{1}{4}^{\circ}$ W. 165 lks. dist., marked $\frac{1}{4}$ S.B.T.

46.95 Cross dry wash 10 lks. wide, course S.E.

49.45 Cross dry wash 5 lks. wide, course S.W.

~~50.10 Cross dry wash 5 lks. wide, course S.~~~~53.30 Cross small gulch 5 lks. wide, course S.W.~~

54.50 Cross dry wash 6 lks. wide, course S.

56.30 Cross dry wash 8 lks. wide, course S.

~~56.40 Cross dry wash 5 lks. wide, course S.E.~~62.00 Descend from mesa bearing N.W.
and S.E.~~65.90 Cross dry wash 4 lks. wide, course S.W.~~70.00 Foot of mesa, enter valley, and
leave palo verde and giant cacti,
and enter greasewood undergrowth.

80.00 The cor. to secs. 21, 22, 27 and 28.

Land, level and rolling.

Soil, sandy and gravelly, 2^d and
3^d rate.

No timber, palo verde and greasewood.

R. 15 E. Continued.

Chavis

wood undergrowth; cholla and
giant cacti.

Sept. 13th 1897.

Sept. 14: At 7^h 15^m A.M., 2. m. t.,
I set off $32^{\circ}12'$ on the lat. arc; $3^{\circ}10'N.$,
on the decl. arc; and determine a
true meridian with the solar at
the cor. of secs, 21, 22, 27 and 28.

Thence I run

$N.0^{\circ}2'W.$ bet Secs. 21 and 22.

Over level and rolling land.

- 5.65 Cross dry wash 5^{ths} wide, course $SN.$,
and ascend.
- 9.65 Top of mesa bears $NW.$ and $SE.$
- 19.30 Cross old road bears $NW.$ and $SE.$
- 40.00 Set a granite stone $18 \times 10 \times 8$ ins.,
12 ins., in the ground for $\frac{1}{4}$ Sec. cor.,
marked $\frac{1}{4}$ on $W.$ face, from which

Subdivision of T. 14 S.

Ch.	Chains	
		A mesquite tree 10 ins. diam., bears
4.		S. $14\frac{1}{2}^{\circ}$ E., 73 lks. dist., marked $\frac{1}{4}$ S.B.T.
4.		A mesquite tree 6 ins. diam., bears
5.		S. 46° W., 87 lks. dist., marked $\frac{1}{4}$ S.B.T.
5.	40.45	Cross dry wash 5 lks. wide, course NW.
5.	41.75	Cross old road bears NW. and SE.
56	43.15	Cross dry wash 60 lks. wide, course NW.
56	51.65	Cross dry wash 10 lks. wide, course W.
62.	52.95	Cross dry wash 2 lks. wide, course SW.
	57.10	Cross dry wash 4 lks. wide, course SW.
65	60.15	Cross wood road to Tucson, course
70		E. and W.
	71.70	Cross dry wash 40 lks. wide, course W.
	80.00.	Set a limestone $15 \times 8 \times 6$ ins., 10 ins.
80		in the ground for cor. to secs. 15.
		16, 21, and 22., marked with 3
		notches on S and E. edges, dig
		pit $18 \times 18 \times 12$ ins., NW. and SE.
		from stone, $5\frac{1}{2}$ ft. dist.

R. 15 E. Continued.

Chains.

From which

A palo verde tree 8 ins. diam. bears
N. $71^{\circ} 3/4^{\circ}$ E., 30 lks. dist., marked F. 14 S.,
R. 15 E., S. 15 B. F.

A mesquite tree 6 ins. diam., bears S.
 16° W., 158 lks. dist., marked F. 14 S.,
R. 15 E., S. 21 B. F.

No other trees within limit.

Land, level and rolling.

Soil, gravelly and sandy loam, 1st,
2^d, and 3^d rate

No timber, palo verde and mesquite
undergrowth; cholla and giant cacti.

S. $89^{\circ} 57'$ E. on a random line bet
Secs. 15 and 22.

40.00 Set temp. $1/4$ Sec. Cor.

79.91 Intersect N. and S. ^{line} ~~by~~ 23 lks. N.
of the cor. to secs. 14. 15. 22. and 23.

Subdivision of T. 14 S.,

Cha	Chains	Theme I can
4		N. 89° 47' W. on a true line bet Secs.
4		15 and 22.
5		Over rolling and level land through
5		undergrowth.
5	11.60	Across dry wash 25 lks, wide, course N.W.
56	27.55	Across dry wash 25 lks, wide, course N.W.
56	39.95½	Set a granite stone, 16 x 8 x 6 ins.,
62		11 ins., in the ground for ¼ Sec. Cor.,
65		marked ¼ on N. face, dig pits 18 x
70		18 x 12 ins., E. and W. of stone, 3 ft.
		dist., and raise a mound of earth
		3½ ft. base, 1½ ft. high, N. of cor.
	79.91	The cor. to secs., 15. 16. 21. and 22.
80		Land, level and rolling.
		Soil, gravelly and sandy loam, 2 ^d
		and 3 ^d rate.
		No timber, palo verde and mesquite
		undergrowth; cholla and giant

R. 15. E. Continued.

Chains.

cauti.

N. 0° 2' W. bet Secs. 15 and 16.

Over calling land, through palo verde,
greasewood, and cholla undergrowth.

- 11.40. Cross wash 8 lks. wide, course W.
- 30.00 Cross wash 7 lks. wide, course W.
- 40.00 Set a limestone 16 x 8 x 3 ins., 11 ins.,
in the ground for $\frac{1}{4}$ Sec. Cor., marked
 $\frac{1}{4}$ on W. face, dig pits 18 x 18 x 12 ins.,
N. and S. of stone, 3 ft. dia., and
raise a mound of earth $3\frac{1}{2}$ ft. base,
1 $\frac{1}{2}$ ft. high; W. of cor.
- 44.70 Cross dry wash 7 lks wide, course N. 57° W
- 53.25 Cross road from Fort Lowell to
Tucson, bears NW. and S. E.
- 58.30 Intersect S. bdy. of Camp Lowell
Military Reservation, 136 lks, S. 89°
50' W. of monument IX, heretofore

Subdivision of T. 14 S.

Chains

described by me.

4. Set a granite stone $16 \times 8 \times 4$ ins., 11
 4. ins. in the ground for closing cor.
 5. to fract. Secs. 15 and 16, marked
 5. MR on N.,
 5. CC. on S.,

56. 15 on E, and 16 on W. faces, dig
 56. pits $24 \times 18 \times 12$ ins., crosswise on
 62. each line, E. and W. 3 ft. and
 S., of stone 7 ft. diam., and raise
 65. a mound of earth 4 ft. base,
 70. 2 ft. high, S. of cor.

From which

80. A palo verde tree 6. ins. diam., bears
 S. $6\frac{1}{4}^{\circ}$ W., 55 lks. dist. marked T. 14
 S. R. 15 E. S. 16 B. F.

No other trees within limit.

Land, gently rolling.

Soil, gravelly loam, 2^d and 3^d rate.

R. 15 E. Continued

Chains.

No timber, undergrowth, palo verde,
greasewood and cholla.

Sept. 14th 1897.

Sept. 15: At 7^h 55^m A.M., l. m. t., I
set off 32°10' on the lat. arc; 2°47'
N. on the decl. arc; and determine
a true meridian with the solar at
the cor. to secs. 4. 5. 32 and 33, on
the S. bdy. of the Tp., which is a sand-
stone 5 x 12 x 6 ins. above ground,
marked and witnessed as described
by the Surveyor General.

Hence I run

N. 0° 2' W. bet Secs. 32. and 33.

Over level land, through scattering
undergrowth.

40.00

Set a mesquite post 3 ft. long, 3 ins.
sq., with marked stone 24 ins. in

Subdivision of T. 14 S.

Cha.	Chains.	
		the ground for $\frac{1}{4}$ Sec. Cor, marked
4		$\frac{1}{4}$ S., on W. face, dig pits 18x18x12
4		ins., N. and S. of post, 3 ft. dist.,
5		and raise a mound of earth $3\frac{1}{2}$ ft.
5		base, $1\frac{1}{2}$ ft. high, W. of cor.
5		From which
56		A palo verde tree 7 ins. diam. bears
56		S. 78° E., 91 lks. dist., marked $\frac{1}{4}$ S. S. T.
62		No other trees within limits.
	73.00	Cross dry wash 10 lks. wide, course N.W.
65	80.00	Set a quartz stone 15x8x6 ins, 10
70		ins., in the ground for cor. to sec.
		28, 29, 32, and 33, marked with
		1 notch on S., and 4 notches on E.
80		edges, dig pits 18x18x12 ins., NW
		and S.W. of stone $5\frac{1}{2}$ ft. dist.,
		and raise a mound of earth 4 ft.
		base, 2 ft. high, W. of cor.
		From which

R. 15 E. Continued

Charris

A palo verde tree 8 ins. diam., bears
N. 41° E., 190 lbs. diet; marked S. 14 S.,
R. 15 E., S. 28 B. T.

A palo verde tree 9 ins. diam., bears
S. 19° E., 121 lbs. diet, marked S. 14 S.
R. 15 E. S. 33 B. T.

No other trees within limits.

Land, level and rolling.

Soil, gravelly loam, 1st and 2^d rate.

No timber; greasewood, palo -
verde and mesquite undergrowth.

N. $89^{\circ}59'E$. on a random line bet.
Secs. 28. and 33.

40.00 Set a temp. $1/4$ Sec. Cor.

79.82 Intersect N. and S. line, 14 lbs. N.
of the cor. to secs. 27. 28. 33. and 34.

Thence I run
N. $89^{\circ}55'W$. on a true line bet.

Subdivision of T. 14 S.

Chains	Chains	
		Secs. 28. and 33.
4		Over rolling land, ascending
4	2.50	Top of mesa bears N. and S.
5	4.50	Cross dry wash 6 lks. wide, course N.
5	9.06	Cross dry wash 8 lks. wide, course N.W.
5	14.40	Cross dry wash 4 lks. wide, course N.
56	23.00	Descend from mesa trending N. and S.
56		
62	28.00	Foot of descent.
	29.70	Cross Chacion wash 40 lks. wide, course N.
65		
70	33.30	Cross old road bearing N. and S.
	36.00	Leave bottom trending N. and S. and ascend.
80	38.00	Top of mesa trends N. and S., thence over rolling mesa.
	39.91	Set a sandstone 15 x 7 x 3 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which

R. 15 E. - Continued

Chains

A mesquite 6 ins. diam. bears S. $4\frac{1}{4}^{\circ}$ N. 16 lbs. dist., marked $\frac{1}{4}$ S. B. T.A mesquite 6 ins. diam., bears N. $11\frac{3}{4}^{\circ}$ W., 50 lbs. dist., marked $\frac{1}{4}$ S. B. T.

79.82 The cor. to secs. 28, 29, 32. and 33.

Land, level and rolling.

Soil, gravelly loam, 2^d rate.No timber; pale verde undergrowth,
cacti, cholla.N. $0^{\circ}2'W.$ bet Secs. 28. and 29.

Over level and rolling land.

8.40 Cross dry wash 4 lbs. wide, course NW.

40.00 Set a conglomerate stone 18x8x7 ins,
12 ins. in the ground for $\frac{1}{4}$ Sec. cor.,
marked $\frac{1}{4}$ on W. face, from whichA pale verde 10 ins. diam., bears S. $67\frac{1}{2}^{\circ}$ E., 126 lbs. dist., marked $\frac{1}{4}$ S. B. T.A pale verde 6 ins. diam., bears N. $56\frac{1}{2}^{\circ}W.$

Subdivision of T. 14 S.

Cha	Chains	
		194 lks. dist., marked $\frac{1}{4}$ S. B.T.
4	40.60	Cross road to Tucson bears E. and W.
4	62.00	Terres dry wash 10 lks wide, course N6.
5	65.50	Cross dry wash 4 lks. wide, course E.
5	76.30	Cross gutch 4 lks. wide, course N6.
5	79.40	Cross gutch 3 lks wide, course W.
50	80.00	Set a granite stone 18 x 9 x 7 ins., 12 ins. in the ground, for cor- to sec., 20.21.28 and 29, marked with 2 notches on S., and 4 notches on E. edges, from which A palo verde tree 8 ins. diam., bears N. 74° E., 197 lks. dist., marked T. 14 S. R. 15 E. S. 21 B.T.
8.		A palo verde tree 5 ins. diam., bears S. 70° E., 145 lks. dist., marked T. 14 S. R. 15 E., S. 28 B.T.
		A palo verde tree 6 ins. diam., bears S. 31° W., 76 lks dist., marked T. 14 S.

R. 15 E. Continued

Chains.

R. 15 E., S. 29 B.T.

A palo verde tree 6 ins. diam, bears
N. $36\frac{1}{4}^{\circ}$ W., 180 lbs. dist, marked T.

14 S. R. 15 E. S. 20 B.T.

Land, level and gently rolling.

Soil, gravelly and sandy loam, 2^d,
and 3^d rate.

No timber; greasewood, catclaw,
mesquite and palo verde under-
growth; cholla and giant cacti.

S. $89^{\circ}55'E$. on a random line bet.

Secs. 21. and 28.

40.00 Set temp. $\frac{1}{4}$ Sec. cor.

79.86 Intersect N. and S. line, 5 lbs. N.
of the cor. to secs., 21. 22. 27. and 28.

Thence I run

N. $89^{\circ}53'W$. on a true line bet.

Secs 21. and 28.

Subdivision of T. 14 S.

Chains

- 4 Through greasewood undergrowth.
- 4 10.00 Leave greasewood and enter catclaw and mesquite undergrowth.
- 5 12.06 Right bank of "Pantano" river
- 5 Set a granite stone $18 \times 12 \times 6$ ins.,
- 5 12 ins. in the ground for meander
- 56 cor. of frac. secs. 21 and 28,
- 56 marked MC. on W. with 2 grooves
- 62 on S. faces, dig a pit $36 \times 36 \times 12$
- 65 ins. 8 ft. E. of stone, and raise a
- 70 mound of earth 4 ft. base, 2 ft. high,
- E. of cor. From which
- A mesquite tree 4 ins. diam., bears
- N. 63° E., 24 lks. dist., marked T. 14 S.
- R. 15 E. S. 21 M. C. B. F.
- No other tree within limit.
- 86 17.86 Left bank of "Pantano" wash or river
- Set a quartz stone $16 \times 8 \times 7$ ins.
- 11 ins., in the ground for meander

R. 15 E. Continued

Chains.

cor. of frac. secs, 21 and 28, with 2
grooves on S. face, marked M.C. on
E. face, from which

A mesquite tree 8 ins. diam, bears
N. $39\frac{1}{4}$ W., 60 lks. dist., marked T. 14 S.

R. 15 E. S. 21. M.C. B.T.

A catclaw tree 5 ins. diam, bears S.
 32° E., 82 lks. dist., marked T. 14 S.,

R. 15 E., S. 28. M.C. B.T.

35.66 Old crossroad bears NW. and SE.

39.93 Set a limestone $15 \times 8 \times 6$ ins., 10 ins.
in the ground for $\frac{1}{4}$ Sec. cor., marked
 $\frac{1}{4}$ on N. face, from which

A mesquite tree 4 ins. diam, bears
N. $13\frac{3}{4}$ W., 48 lks. dist., marked $\frac{1}{4}$ S. B.T.

A mesquite tree 8 ins. diam, bears
S. $47\frac{1}{4}$ W., 77 lks. dist., marked $\frac{1}{4}$ S. B.T.

61.46 Cross dry wash 20 lks. wide, course NW.

65.00 Sand wash 150 lks. wide, course N.

Subdivision of T. 14 S.

Chama

- 56
Ch. 4
4
3
6
5
56
56
62
66
70
8.
- 66.00 Leave scattering mesquite and catclaw undergrowth, and enter scattering greasewood undergrowth, and giant cacti.
- 69.00 Leave Valley trending NW. and SE. and ascend.
- 71.00 Top of mesa bears NW. and SE.
- 75.10 Cross dry wash 8 kts. wide, course NE.
- 76.86 Cross dry wash 10 kts. wide, course NE.
- 79.86 The cor. to secs. 20, 21, 28 and 29. Land, level and rolling. Soil, gravelly loam, 2^d and 3^d rate. No timber; greasewood, catclaw, mesquite and palo verde undergrowth; cholla, and giant cacti.

R. 15 E. Continued

Chanis.

N. 0° 2' W. bet Secs. 20 and 21.

Over rolling land through undergrowth.

~~11.65~~ Cross gulch 3 lks. wide, course W.

11.30 Descend along E. slope of mesa bearing N. N. W. and S. S. E.

~~11.65~~ Cross gulch 3 lks. wide, course N E.

14.00 Cross dry wash 5 lks. wide, course W.

16.70 Foot of descent.

18.70 Ascend spur from mesa projecting East.

20.20 Top of spur bears E. and W., and descend.

25.00 Foot of spur, and enter valley.

38.00 Cross road to Tucson bearing N W. and S E.

40.00 Set a limestone 17 x 8 x 7 ins., 12 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, from which

Subdivision of T. 14 S.

Chains

- a mesquite tree 4 ins. diam., bears
 S. $10\frac{3}{4}^{\circ}$ E., 93 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S.B.T.
- A mesquite tree 4 ins. diam., bears N.
 $57\frac{3}{4}^{\circ}$ W., 179 lks. dist., marked $\frac{1}{4}$ S.B.T.
- 47.10 Old road bears E. and W.
- 51.55 Cross wood road bears NW. and SE.
- 69.60 Left bank of "Pantano" wash or river
 Set a sandstone 15 x 7 x 7 ins., 10
 ins., in the ground, for meander
 corr. of frac. sec. 20 and 21, with
 4 grooves on E. face, marked M.C.
 on N. face, from which
 A palo verde tree 8 ins. diam., bears
 S. $6\frac{3}{4}^{\circ}$ E., 295 lks. dist., marked T.
- 14 S. R. 15 E. S. 21. M.C.B.T.
- A mesquite tree 4 ins. diam., bears
 marked T. 14 S. R. 15 E.
 N. 83° E., 268 lks. dist., S. 21 M.C.B.T.
- 78.06 Right bank of "Pantano" wash or river
 Set a sandstone 18 x 6 x 6 ins.,

R. 15 E. Continued.

Charno.

12 ins. in the ground, for meander
 cor. of fract. secs. 20 and 21, with
 4 grooves on E. face, marked M. C.
 on S. face, from which:

A catclaw tree 6 ins. diam., bears
 S. $30\frac{1}{4}^{\circ}$ E., 172 lbs. dist., marked T.
 14 S., R. 15 E. S. 21 M. C. B. T.

A palo verde tree 4 ins. diam., bears
 S. $83\frac{1}{2}^{\circ}$ W., 50 lbs. dist., marked T. 14
 S., R. 15 E., S. 20 M. C. B. T.

80.00 Set a granite stone $18 \times 8 \times 6$ ins.,
 12 ins. in the ground, for cor. to
 secs. 16, 17, 20, and 21, marked
 with 3 notches on S. and 4 notches
 on E. edges, dig pits $18 \times 18 \times 12$ ins.,
 in each sec., $5\frac{1}{2}$ ft. dist., and
 raise a mound of earth 4 ft. base,
 2 ft. high, W. of cor.

From which

Subdivision of T. 14 S.

Chains

A palo verde 5 ins. diam., bears N.
85° W., 183 lks. dist., marked T. 14
S., R. 15 E., S. 17 B. F.

No other trees within limit.

Land, level and rolling.

Soil, sandy and gravelly loam, 1st,
2^d and 3^d rate

Timber, a few mesquite and
palo verde trees; greasewood,
catclaw and palo verde under-
growth; cholla and giant cacti.

S. 89° 53' E. on a random line
bet. Secs. 16 and 21.

40.00 Set temp. 1/4 Sec. Cor.

79.72. Intersect N. and S. line, 14 lks.

S. of the cor. to secs 15. 16. 21 and 22.

Hence I run

N. 89° 59' W., on a true line bet.

R. 15 E. Continued.

Ch. 1110

Secs 16. and 21.

Over rolling mesa, through palo verde undergrowth.

11.58 Cross dry wash 5 lks. wide, course S.W.

21.20 Cross dry wash 8 lks. wide course N.W.

32.00 Descend from mesa trending N.W. and S.E., and leave palo verde, and enter greasewood undergrowth.

38.00 Foot of mesa, and enter valley trending N.W. and S.E.

39.86 Set a sandstone 15 x 8 x 5 ins., 10 ins. in the ground for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, from whichA mesquite tree 8 ins. diam., bears S. $48\frac{1}{2}^{\circ}$ E., - 60 lks. dist., marked $\frac{1}{4}$ S.B.F.A palo verde 4 ins. diam., bears N. 57° W., 96 lks. dist., marked $\frac{1}{4}$ S.B.F.

56.75 Cross dry wash 8 lks. wide, course N.W.

Subdivision of T. 14 S.

Chains

53.40 Cross dry wash 5 lks. wide, course S.W.

79.72 The cor. to secs. 16, 17, 20 and 21.

Land, level and rolling.

Soil, loam, 2^d rate.No timber; greasewood, palo verde
and mesquite undergrowth.

N. 0° 2' W. bet. Secs. 16. and 17.

Through undergrowth.

40.00 Set a quartz stone 16 x 8 x 8 ins., 11
ins., in the ground for $\frac{1}{4}$ Sec. cor.,
marked $\frac{1}{4}$ on W. face, dig pits 18 x
18 x 12 ins.; N. and S., of stone 3 ft.
dist., and raise a mound of earth
3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.58.07 Intersect S. bdy. of Camp Lowell
Military Reservation 1.07 chs; S.
89° 50' W. of monument VIII,
heretofore described by me.

R. 15 E. Continued

Chain

Set a metata stone $18 \times 7 \times 6$ ins,
 12 ins, in the ground for closing
 Cor. to frac. sec. 16 and 17, marked
 N. R. on N.

CC on S.

16. on E. and 17. on W. face,
 dig pits $24 \times 18 \times 12$ ins., crosswise
 on each line, E. and W., 3 ft., and
 S. of stone, 7 ft. dist., and raise a
 mound of earth 4 ft. base, 2 ft. high,
 S. of cor.

Land, level.

Soil, loam, 1st and 2^d rate.

No timber, greasewood, palo-
 verde, catclaw and mesquite
 undergrowth.

Sept 15th 1897.

Subdivision of T. 14 S.

Chains

Sept. 16: At 7^h45^m A.M., U. M. T.,
 I set off 32°10' on the lat. arc; 2°
 24' N., on the decl. arc; and determine
 a true meridian with the solar at
 the cor. of Secs. 5, 6, 31, and 32, on
 the S. bdy. of the Tp., which is a
 limestone 5 x 7 x 10 ins. above ground,
 marked and witnessed as described
 by the Surveyor General.

Thence I run

N. 0°3' W. bet Secs. 31 and 32.

Over level land and scattering
greasewood and cholla undergrowth.

- 40.00 Set a limestone 14 x 10 x 8 ins, 10 ins.
 in the ground for 1/4 Sec. Cor, marked
 1/4 on W. face, from which
 A mesquite tree 3 ins. diam., bears
 N. 3° E., 97 Ms. dist, marked 1/4 S.B.F.
 A mesquite tree 4 ins. diam., bears

R. 15 E. - Continued.

Chains

80.00

N. $19\frac{1}{2}^{\circ}$ W., 163 lks. dist., marked $\frac{1}{4}$ S. B.T.

Set a limestone $14 \times 8 \times 8$ ins., 10 ins. in the ground for cor to Secs.

29, 30, 31, and 32, marked with 1 notch on S. and 5 notches on E.

edges, dig pits $18 \times 18 \times 12$ ins., S.E. and S.W. of cor., $5\frac{1}{2}$ ft. dist. and

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

From which

A mesquite tree 12 ins. diam., bears

N. $41\frac{1}{2}^{\circ}$ E., 219 $\frac{1}{2}$ lks. dist. marked

T. 14 S., R. 15 E., S. 29 B.T.

A mesquite tree 4 ins. diam., bears

N. $19\frac{1}{2}^{\circ}$ W., 163 lks. dist., marked T. 14 S.,

R. 15 E., S. 30 B.T.

No other trees within limit.

Land, level.

Soil, loam, 1st and 2^d rate.

Subdivision of T. 14 S.

Chains

Timber, a few mesquite trees;
palo verde, mesquite and cholla
undergrowth.

N. $89^{\circ}59'$ E. on a random line
bet Secs. 29. and 32.

40.00 Set temp. $\frac{1}{4}$ Sec. cor.

79.98 Intersect N. and S. line 25 Ws. N.
of the cor. to secs. 28. 29. 32 and 33

Thence I run

N. $89^{\circ}50'$ W. on a true line bet.
Secs. 29 and 32.

Over gently rolling land through
palo verde, mesquite and cholla
undergrowth.

5.03 Dry wash 3 Ws. wide, course N. N. W.

39.99 Set a mesquite post 3 ft. long, 3 in.,
sq., with marked stone 24 in. in
the ground for $\frac{1}{4}$ Sec. Cor., marked

R. 15 E. Continued.

Chains

$\frac{1}{4}$ S. on N. face, from which
A mesquite tree 7 ins. diam., bears
S. $20^{\circ} 4' E.$, 126 lks. dist., marked $\frac{1}{4}$ S. B.T.

A mesquite tree 6 ins. diam., bears
N. $77^{\circ} W.$, 219 lks. dist., marked $\frac{1}{4}$ S. B.T.

48.65 Crossed by track 7 lks. wide, course N.N.W.

79.98 The cor. to secs. 29. 30. 31. and 32.

Land, gently rolling.

Soil, loam, 2^d rate.

Timber, a few mesquite trees;
catalaw, palo verde, and mesquite
undergrowth, cholla cacti.

S. $89^{\circ} 59' W.$ on a true line bet.

Secs. 30 and 31.

Over level land, through cholla
cacti, palo verde and mesquite
undergrowth.

40.00 Set a mesquite post 3 ft. long,

5.

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Subdivision of T. 14 S.

Chains

3 ins. sq., with marked stone, 24 ins., in the ground for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S., on N. face, dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, N. of cor.

45.50 Cross old wood road, bears NW. and SE.

79.80 Intersect W. bdy of Twp. 96 ths., S. of the cor. to Secs. 25 and 36, Twp. 14 S., R. 14 E. heretofore described by me

Set a mesquite post 3 ft. long, 4 ins. sq. with marked stone, 24 ins., in the ground for Closing Cor., to Secs. 30 and 31 marked C.C. T. 14 S., R. 15 E. on E., S. 31 on S. and S. 30 on N. faces, with 5 grooves

5.

6.

6.

7.

8.

R. 15 E. Continued

Chain

on N., and 1 groove on S. face, dig pits 24 x 18 x 12 ins., crosswise on each line, N. and S. 3 ft., and W. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high E. of cor.

Land, level.

Soil, loam, 2^d rate.

No timber; scattering palo verde, mesquite and cholla undergrowth.

N. 0° 3' W. bet Secs. 29 and 30.

Over level land, through mesquite and cholla undergrowth.

40.00 Set a mesquite post 3 ft. long, 4 ins. sq., with marked stone 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S., on W. face, dig pits 18 x 18 x 12 ins., N. and S. of post,

Subdivision of T. 14 S.

Chains

3 ft. dist; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high, W. of cor.

56.80 Cross road to Tucson bearing E. and W.

80.00 Set a mesquite post 3 ft long, 4 ins. sq., with marked stone, 24 ins. in the ground, for cor to Secs. 19, 20.

29. and 30, marked

T. 14 S., S. 20 on NE.

R. 15 E., S. 29 on SE.

S. 30 on SW, and

S. 19 on NW. faces, with 2 notches on S., and 5 notches on E. edges.

From which

A mesquite tree 6 ins. diam., bears N. 81° E., 205 lks. dist., marked T. 14 S., R. 15 E. S. 20 BF.

A mesquite tree 2 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ E., 116 lks. dist., marked T.

R. 15 E. Continued.

Chasno

14 S., R. 15 E. S. 29 B.T.

A mesquite tree 6 ins. diam., bears
 S. 16° W., 248 lks. dist., marked T. 14 S.,
 R. 15 E., S. 30 B.T.

A palo verde tree 10 ins. diam., bears
 N. 17° W., 346 lks. dist., marked T. 14 S.,
 R. 15 E., S. 19 B.T.

Land, level.

Soil, loam, 1st and 2^d rate.

Timber, a few mesquite trees,
 palo verde, mesquite and cholla
 undergrowth.

S. 89° 50' E. on a random line
 bet Secs. 20. and 29.

40.00 Set temp. 1/4 Sec. Cor.

80.06 Intersect N. and S. line, 5 lks. N.
 of the cor. to secs. 20. 21. 26 and 29.

Thence I run

Subdivision of T. 14 S.

Chain

N. $89^{\circ}48'W$. on a true line bet Seco.
20. and 29.

Over gently rolling land, through,
greasewood, palo verde, and cholla
undergrowth.

- ~~4.56~~ Cross dry wash 5 lks. wide, course N.E.
~~9.00~~ Cross dry wash 4 lks. wide, course N.W.
 9.80 Cross dry wash 5 lks. wide, course N.W.
 13.26 Cross dry wash 6 lks. wide, course N.
 40.03 Set a mesquite post 3 ft long, 3 ins.
 sq., with marked stone 24 ins; in
 the ground for $\frac{1}{4}$ Sec. Cor., marked
 $\frac{1}{4}$ S., on N. face, dig pits 18 x 18 x 12
 ins., E and W. of post, 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft.
 base, $1\frac{1}{2}$ ft. high, N. of cor.
 58.26 Cross dry wash 7 lks. wide, course N.N.W.
 80.06 The cor. to seco., 19-20. 29 and 30.
 Land, level and rolling.

R. 15 E. Continued:

Chains

Soil, gravelly loam, 2^d and 3^d rate.
 No timber; greasewood and palo verde undergrowth; giant and cholla cacti.

S. 89° 59' W. on a true line bet
 Secs. 19 and 30.

Over level land, through scattering
 undergrowth.

40.00 Set a mesquite post 3 ft. long, 3 in.
 sq., with marked stone, 24 in. in
 the ground for $\frac{1}{4}$ Sec. Cor., marked
 $\frac{1}{4}$ S. on N. face, dig pits 18 x 18 x 12
 in., E. and W. of post, 3 ft. dist,
 and raise a mound of earth 3 $\frac{1}{2}$ ft.
 base, 1 $\frac{1}{2}$ ft. high, N. of cor.

79.63 Intersect W. bdy of Tr. 2.00 cho, S.
 of the cor. to secs. 24 and 25. F. 14 S. R.
 14 E., heretofore described by riv. Set

Subdivision of T. 14 S.

Chasino

a mesquite post 3 ft long, 4 ins. sq., with marked stone, 24 ins., in the ground for Closing Cor. to Secs. 19 and 30. marked C.C. T. 14 S., R. 15 E on E.

S. 19 on N., and
S. 30 on S. faces, with 4 grooves on N. and 2 grooves on S. face; dig pits 24 x 18 x 12 ins., crosswise on each line, N. and S., 3 ft., and E. of post 7 ft. dist., and raise a mound of earth 4 ft base 2 ft. high, E. of cor.

Land, level.

Soil, loam, 1st and 2^d rate.

No timber; palo verde, and cholla undergrowth.

R. 15 E. Continued.

Chanis.

N. $0^{\circ}3'W.$ bet. Secs. 19 and 20.

Over level land.

29.50 Cross dry wash 8 lks. wide, course NW.

40.00 Set a mesquite post 3 ft. long, 3 ins. sq., with marked stone, 24 ins, in the ground for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, from whichA mesquite tree 8 ins. diam., bears S. $47\frac{3}{4}^{\circ}E.$, 42 lks. dist., marked $\frac{1}{4}$ S.E.T.A palo verde tree 7 ins. diam., bears S. $23\frac{1}{2}^{\circ}W.$, 194 lks. dist., marked $\frac{1}{4}$ S.E.T.

69.50 Road to Tucson bears WNW, and E. S.E.

71.00 Cross road bears E. and W.

80.00 Set a mesquite post 3 ft. long, 4 ins. sq., with marked stone, 24 ins, in the ground, for cor. to secs. 17, 18.

19. and 20. marked T. $\frac{1}{4}$ S., S. 17 on N.E.

Subdivision of T. 14 S.

Chains

R. 15 E., S. 20 on S E.

S. 19. on S W. and

S. 18 on NW face, with 3 notches
on S. and 5 notches on E. edges,
dig pits 18x18x12 in., in each sec.,
5½ ft. diam., and raise a mound
of earth, 4 ft. base, 2 ft. high, 1/4 of cor.

Land, level.

Soil, loam, 2^d rate.

Timber, a few mesquite trees;
greasewood, palo verde, and
mesquite undergrowth, cacti, cholla.

Sept. 16th 1897.

S. 89° 48' E. on a random line
bet Secs. 17. and 20.

40.00 Set temp. 1/4 Sec. cor.

80.02 Intersect N. and S. line, at
the cor. of secs. 16. 17. 20. and 21.

R. 15 E. Continued

Chains

Thence I run

N. $89^{\circ}48'$ W. on a true line bet Secs
17. and 20.

Over level land.

0.60 Right bank of "Pantano" wash or
river
Set a sandstone $15 \times 8 \times 6$ ins,
10 ins. in the ground, for meander
cor. of fract. secs. 17 and 20, marked
M.C. on W. face, with 3 grooves on
S. face; dig a pit $36 \times 36 \times 12$ ins;
8 ft. E. of stone, and raise a
mound of earth 4 ft. base, 2 ft. high,
E. of cor.

12.70 Left bank of "Pantano" wash or river
Set a granite stone $15 \times 10 \times 8$ ins,
10 ins. in the ground, for meander
cor. of fract. secs. 17 and 20, with
3 grooves on S. face, marked
M.C. on E. face, from which

Subdivision of T. 14 S.

Chains

- A mesquite tree 16 ins. diam. bears
N. 41° E., 93 lks. dist. marked T.
14 S., R. 15 E., S. 17 M. C. B. T.
- A mesquite tree 10 ins. diam. bears
S. 71° E., 195 lks. dist. marked T. 14
S., R. 15 E., S. 20 M. C. B. T.
- 17.00 Begin to ascend.
- 22.00 Top of ascent, and enter mesa
trending N. and S.
- 40.01 Set a mesquite post 3 ft. long, 3 ins.,
square, with marked stone, 24 ins.,
in the ground for $\frac{1}{4}$ Sec. Cor., marked
 $\frac{1}{4}$ S., on N. face, from which
- A palo verde 5 ins. diam. bears N.
26° W., 122 lks. dist., marked $\frac{1}{4}$ S. B. T.
- A palo verde tree 4 ins. diam., bears
S. 53 $\frac{1}{2}$ ° W., 127 lks. dist., marked $\frac{1}{4}$ S. B. T.
- 41.80 Cross old road, bears N. N. W. and S. S. E.
- 55.60 Cross dry wash, 6 lks. wide, course N. W.

R. 15 E. Continued.

Chains

- 74.00 Cross dry wash 20 lks. wide, course N.N.W.
 80.02 The cor. to secs., 17. 18. 19 and 20.
 Land, level.
 Soil, gravelly loam, 2^d rate.
 Timber, a few mesquite and palo-verde
 trees; greasewood and palo verde
 undergrowth; ocotilla and cholla cacti.
 Sept 16th 1897

Sept 17: At 8^h 15^m A.M., l. m. t.; I
 set off 32° 13' on the lat. arc; 1° 59' N. on
 the decl. arc; and determine a true
 meridian with the solar at the cor. to
 secs. 17. 18. 19 and 20.

Thence I run

S. 89° 59' W. on a true line bet Secs
 18 and 19.

Over level land

- 13.95 Cross road to Tucson bearing N.W.
 and S.E.

Subdivision of T. 14 S.

Chains

39.80 Cross dry wash 6 lks., wide, course N.W.

40.00 Set a mesquite post 3 ft. long, 3 ins.,
sq., with marked stone, 24 ins., in
the ground for $\frac{1}{4}$ Sec. Cor., marked
 $\frac{1}{4}$ S., on N. face, from which
A mesquite tree 6 ins. diam., bears
N. 18° W., 128 lks. dist., marked $\frac{1}{4}$ S.B.T.

A palo verde tree 7 ins. diam. bears
S. $38^{\circ} \frac{1}{2}$ E., 188 lks. dist., marked $\frac{1}{4}$ S.B.T.

79.57 Intersect W. bdy of T_p, 2.73 chs. S., of
the cor. to sec. 13 and 24, T. 14 S., R.
14 E., heretofore described by me.

At point of intersection set a
mesquite post 3 ft. long, 4 ins. sq.,
with marked stone, 24 ins. in the
ground, for Closing Cor. to Secs. 18
and 19., marked
C.C. T. 14 S., R. 15. E. on E.,
S. 18. on N., and

R. 15 E. Continued

Chains

S. 19 on S. face, with 3. grooves on N. and S. faces, dig pits 24 x 18 x 12 ins., crosswise on each line, N. and S., 3 ft., and E. of post. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, level.

Soil, gravelly loam, 2^d rate.

No timber, palo verde, greasewood, and cholla undergrowth.

N. 0° 3' W., bet. Secs. 17 and 18.

Over level land, through scattering palo verde and greasewood undergrowth.

11.00 Cross dry wash 20 lks. wide, course N. W.

27.85 Cross old road, bears E. and W.

40.00 Set a mesquite post 3 ft. long, 3 ins. dia., with marked stone, 24 ins., in the ground for $\frac{1}{4}$ Sec. Cor., marker

Subdivision of T. 14 S., R. 15 E. Concluded.

Chamie

$\frac{1}{4}$ S., on W. face, from which
A palo verde 4 ins. diam., bears
N. $22\frac{1}{4}^{\circ}$ E, 66 $\frac{1}{2}$ lks. dist.; marked
 $\frac{1}{4}$ S. B. T.

A palo verde 4 ins. diam., bears N. $8\frac{1}{4}^{\circ}$
W., 134 lks. dist., marked $\frac{1}{4}$ S. B. T.

51.50 Cross dry wash 10 lks. wide, course
Westerly.

57.62 Intersect S. bdy. of Camp Lowell
Military Reservation, 1.13 chs.,
S. $89^{\circ}50'$ W. of Monument VII,
heretofore described by me.

Set a granite stone 18 X 8 X 4 ins.;
12 ins., in the ground for Closing
Cov. to frac. secs. 17 and 18,
marked; M.R. on N.

CC on S.

17 on E. and

18 on W. faces, from

Meanders T. 14 S. R. 15 E.

Chain

which

A palo verde tree 4 ins. diam., bears
S. $44\frac{3}{4}^{\circ}$ E., 44 lks. dist. marked
T. 14 S., R. 15 E., S. 17 B.T.

A palo verde tree 6 ins. diam., bears
S. 67° W., 174 lks. dist. marked, T.
14 S., R. 15 E., S. 18 B.T.

Land, level and gently rolling.

Soil, gravelly, 2^d and 3^d rate.

Timber, a few palo verde trees;
greasewood, palo verde and
mesquite undergrowth.

Sept. 17th 1897.

Meanders of the Pantano.

Note: Before commencing the
meandering of the "Pantano" I
proceed to establish the necessary
Meander Corners on the S. bdy

Meanders T. 14 S. R. 15 E. cont^d

Chains

of Sec. 36, of this Township, as follows:

At a point N. $89^{\circ}59' E$, 20.50 chs, of the cor. to to sec. 1, 2, 35 and 36, on the S. bdy. of this Tp. I set a sandstone 20x10x4 ins; 15 ins. in the ground for meander cor. of frac. sec., 1 and 36 on the S. bdy of the Tp. marked M.C on E face, with 5 grooves on W. face; From which

A mesquite tree 8 ins. diam., bears S. $18\frac{1}{2}^{\circ} W$, 226 lks. dist., marked T. 15 S. R. 15 E., S. 1.

M. C. B. F.

A mesquite tree 10 ins. diam., bears N. $60^{\circ} W$, 70 lks. dist., marked T. 14 S., R. 15 E., S. 36. M. C. B. F.

Meanders T. 14 S. R. 15 E. Continued

At a point N. $89^{\circ}59'E$, 27.00 chs.
of cor. of secs, 1, 2, 35 and 36, on
the S. bdy. of the T_p. which is a granite
stone $5 \times 8 \times 6$ ins., above ground,
marked and witnessed as described
by the Surveyor General,

Set a sandstone $18 \times 8 \times 6$ ins., 12 ins.,
in the ground for Meander Cor. of
frac. Secs., 1 and 36 on the S. bdy
of the T_p. marked M.C. on W. face
with 1 groove on E. face, and raised
a mound of stone 2 ft. base, $1\frac{1}{2}$ ft.
high, E. of cor. Pits impracticable.

From which

A mesquite tree 8 ins. diam., bears
N. $23\frac{3}{4}^{\circ}E$. 193 lbs. dist., marked
T. 14 S., R. 15 E., S. 36 M.C.B.T.

No other trees within limit.

Thence I run with meanders

Meanders T. 14 S. R. 15 E. continued

on the right bank of Pantano
in Sec. 36.

Through undergrowth.

N. $68\frac{1}{2}^{\circ}$ W. 3.50 cho.

N. $46\frac{1}{2}^{\circ}$ W. 5.70 cho.

N. $33\frac{1}{2}^{\circ}$ W. 8.70 cho.

N. $25\frac{1}{4}^{\circ}$ W. 3.00 cho.

N. 19° W 5.00 cho.

N. 43° W. 11.50 cho.

N. 55° W. 4.60 cho. To the
Meander cor. of frac. secs 35. and
36., heretofore described by me.

Land, level.

Soil, sandy and gravelly loam, 2^d and 3^d rate
Timber, a few mesquite and palo
verde trees; undergrowth mesquite
catsclaw, palo verde and greasewood
Dense undergrowth 42.00 cho.

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the right bank of Pantano
Fence in Sec 35.

Through greasewood, mesquite and
catalpa undergrowth.

N. $37\frac{1}{2}^{\circ}$ W. 3 cho.

N. 26° W 5 cho.

N. $42\frac{1}{2}^{\circ}$ W. 16 cho.

N. $25\frac{3}{4}^{\circ}$ W. 7.10 cho.

N. $63\frac{3}{4}^{\circ}$ W. 11.00 cho.

N. $39\frac{1}{2}^{\circ}$ W. 5.00 cho.

N. $71\frac{1}{2}^{\circ}$ W. 4.00 cho.

N. $45\frac{3}{4}^{\circ}$ W. 1.10 cho.

N. $66\frac{1}{4}^{\circ}$ W. 3.70 cho

N. $82\frac{1}{2}^{\circ}$ W. 7.00 cho.

N. 78° W. 9.00 cho.

N. 81° W. 4.00 cho

N. $85\frac{1}{2}^{\circ}$ W. 8.20 cho.

N. $75\frac{1}{2}^{\circ}$ W. 13.50 To meander

cor. of pract. secs. ³⁴ 35. and ³⁵ 36, as

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the right bank of Pantano
heretofore described by me.

Land, level.

Soil, gravelly 2^d rate.

Timber, a few mesquite and
palo verde trees; greasewood
palo verde and cats claw under-
growth.

Dense undergrowth 97.60 chs.

Thence in Sec. 34.

Through dense undergrowth.

N. $74\frac{3}{4}^{\circ}$ W. 6.60 chs.

S. $72\frac{3}{4}^{\circ}$ W. 8.10 chs.

N. 76° W. 8.00 chs.

N. $79\frac{1}{2}^{\circ}$ W. 3.00 chs.

N. 74° W. 3.70 chs.

N. $61\frac{1}{4}^{\circ}$ W. 2.30 chs. To

meander cor. of sect. Sec. 27.

Meanders of T. 14 S. R. 15 E. continued.

Meanders of the right bank of Pantano
and 34 heretofore described by me.

Land, level.

Soil, sandy and gravelly loam, 2^d and
3^d rate.

Timber, a few mesquite trees, catclaw,
mesquite and greasewood undergrowth.

Dense undergrowth 31.70 chs.

Thence in Sec. 27.

Through dense undergrowth of mesquite
and catclaw.

N. $51\frac{1}{2}^{\circ}$ W. 3.20 chs

N. 42° W. 3.70 chs.

N. $23\frac{1}{4}^{\circ}$ W. 4.30 chs.

N. $22\frac{1}{4}^{\circ}$ W. 8.50 chs.

N. $27\frac{3}{4}^{\circ}$ W. 10.00 chs At 5.74 chs.

N. 20° W. 3.60 chs. At 0.10 chs. a

wood road bears
E. and W.

Meanders of T. 14 S. R. 15 E. Cont'd
 Meanders of the right bank of Pantano

wash enters, and at

0.20 cho, a wash enters.

N. 25° W. 3.40 cho.

N. 45½° W. 6.50 cho.

N. 27¼° W. 6.80 cho.

N. 37¼° W. 5.70 cho.

N. 29° W. 9.70 cho.

N. 30° W. 1.20 cho.

N. 60° W. 2.20 cho.

N. 47° W. 7.30 cho.

N. 71¼° W. 2.20 cho.

N. 44½° W. 9.00 cho. To meander cor
 of fract. sec. 27 and 28, heretofore
 described by me.

Land, level.

Soil, sandy and gravelly loam,
 1st, 2^d and 3^d rate

No timber; catclaw, palo verde
 and greasewood undergrowth.

Meanders of T. 14 S. R. 15 E. Cont'd
 Meanders of the right bank of Pantano.

Dense undergrowth 87.30 chs.

Thence in Sec. 28

Through dense undergrowth.

N. $53\frac{1}{4}^{\circ}$ W. 10.70 chs.

N. $44\frac{3}{4}^{\circ}$ W. 2.40 chs.

N. 37° W. 2.87 chs. To meander cor.
 of fract. secs. 21 and 28, heretofore
 described by me.

Land level.

Soil, gravelly loam, 2^d and 3^d rate.

No timber, greasewood, catclaw,
 mesquite and palo verde undergrowth.

Dense undergrowth 15.97 chs.

Thence in Sec 21.

Through dense undergrowth.

N. $35\frac{1}{2}^{\circ}$ W. 2.40 chs.

N. $22\frac{3}{4}^{\circ}$ W. 5.10 chs.

Meanders of T. 14 S. R. 15 E. Cont^d

Meanders of the right bank of Ontario

N. 36° W. 6.50 chs.

N. 65° W. 7.60 chs.

N. 31 $\frac{1}{4}$ ° W. 10.00 chs.N. 66 $\frac{1}{4}$ ° W. 2.80 chs.

N. 46 $\frac{1}{2}$ ° W. 4.70 chs. At 4.40 chs. a
wash 15 lks wide
enters.

N. 39 $\frac{1}{2}$ ° W. 1.40 chs.N. 23 $\frac{1}{4}$ ° W. 7.50 chs.N. 50 $\frac{3}{4}$ ° W. 9.80 chs.N. 10 $\frac{3}{4}$ ° W. 4.00 chs.

N. 20 $\frac{1}{2}$ ° W. 3.80 chs. At 3.70 chs. a wash
8 lks wide enters.

N. 49° W. 4.00 chs.

N. 61 $\frac{1}{4}$ ° W. 5.80 chs.N. 34 $\frac{3}{4}$ ° W. 5.00 chs.

N. 49 $\frac{1}{4}$ ° W. 4.00 chs. At 2.35 chs. cross
a road bearing
N. W. and S. E.

Meanders of T. 14 S. R. 15 E. cont^d
 Meanders of the right bank of Pantano.

N. 51 $\frac{1}{2}$ ° W. 4.00 chs.

N. 52 $\frac{1}{4}$ ° W. 2.40 chs.

N. 67 $\frac{1}{2}$ ° W. 2.50 chs.

N. 45 $\frac{3}{4}$ ° W. 3.10 chs.

N. 32 $\frac{1}{2}$ ° W. 3.60 chs.

N. 53 $\frac{1}{2}$ ° W. 4.70 chs.

N. 24 $\frac{1}{2}$ ° W. 5.10 chs. To meander cor.
 of fract. secs. 20 and 21, heretofore
 described by me.

Land, level.

Soil, sandy and gravelly loam, 1st, 2^d
 and 3^d pate

Timber a few mesquite and palo verde
 trees, greasewood, catclaw, mesquite
 and palo verde undergrowth.

Dense undergrowth 106.80 chs.

Thence in Sec. 20.

N. 17 $\frac{1}{2}$ ° E. ^{W.} 200 chs. To meander cor.

Meanders of T. 14 S. R. 15 E. Cont^d

Meanders of the right bank of Pantano
of frac. secs. 17. and 20, heretofore
described by me.

Land level.

Soil, gravelly loam 2^d rate.

Timber, a few mesquite and palo
verde trees, greasewood and
palo verde undergrowth.

Dense undergrowth 2. Cho.

Sept 18th 1897

Thence in Sec. 17.

Through dense undergrowth.

N. 26³/₄° W. 3.20 cho.

N. 48° W. 2.60 cho.

N. 15° W. 5.00 cho.

N. 28³/₄° W. 4.00 cho.

N. 22¹/₂° W. 6.20 cho.

N. 17° W. 16.60 cho.

Meanders of T. 14 S. R. 15 E. Cont^d

Meanders of the right bank of Pantano.

N $76^{\circ} 34'$ W. 2.90 chs.

N. 21° W. 6.00 chs.

North 5.40 chs.

N. 11° E. 5.00 chs.

N. $21\frac{1}{2}^{\circ}$ E. 4.66 chs. To meander
cor. on S. bdy. of Camp Lowell
Military Reservation, heretofore
described by me.

Land, level.

Soil, sandy loam 2^d rate.

No timber; Palo verde, mesquite
catclaw and greasewood under-
growth.

Dense undergrowth 61.56 chs.

Meanders of the left bank of Pantano^d

I commence at the meander cor.
of frac. sec. 17., on the S. bdy. of.

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the left bank of the Pantano
of Camp Lowell Military Reservation,
heretofore described by me.

Thence I run with Meanders in
Sec. 17.

Through dense undergrowth.

S. $12\frac{1}{4}^{\circ}$ E. 10.50 chs.

S. $16\frac{3}{4}^{\circ}$ W. 3.70 chs.

S. $4\frac{1}{2}^{\circ}$ W. 7.00 chs.

S. $12\frac{1}{4}^{\circ}$ E. 4.70 chs.

S. 25° E. 1.70 chs.

S. 14° E. 1.80 chs.

S. 17° E. 8.40 chs. At 4.00 chs, mouth
of wash 7 fms wide
course Easterly

S. 14° E. 3.00 chs.

S. $2\frac{1}{2}^{\circ}$ E. 4.60 chs. At 1.70 chs. gulch
10 fms. wide enters
course E.

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the left bank of the Pantano
 S. $34\frac{1}{4}^{\circ}$ E. 15.40 chs.; At 10 chs. leave
 dense undergrowth.

To the meander cor. of fract. secs. 17 and
 20, heretofore described by me.

Land, level.

Soil, gravelly loam, 2^d rate.

Timber, a few mesquite trees;
 greasewood, and palo verde, and cats-
 claw undergrowth.

Dense undergrowth. 60.80 chs.

Thence in Sec. 20

Through scattering undergrowth.

S. 41° E. 3.90 chs.

S. 49° E. 4.00 chs.

S. $54\frac{3}{4}^{\circ}$ E. 8.65 chs. To the meander
 cor. of fract. secs. 20 and 21.

Land, level.

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the left bank of Pantano
Soil, sandy and gravelly loam, 1st
and 2^d rate.

Timber, a few mesquite and palo
verde trees; catclaw, palo verde
and mesquite undergrowth.

Thence in Sec 21.

Through scattering undergrowth.

S. $29\frac{1}{2}^{\circ}$ E. 7.20 chs.

S. 53° E. 4.00 chs.

S. 63° E. 5.50 chs.

S. 40° E 4.80 chs. At 3.08 chs. wood
road bears N and SW.

S. 31° E. 4.20 chs.

S. 68° E. 4.00 chs. Enter dense
undergrowth.

S. $31\frac{3}{4}^{\circ}$ E. 2.20 chs.

S. 58° E. 2.90 chs.

Meanders of T. 14 S. R. 15 E. Continued

Meanders of the left bank of Pantano

- S. $40\frac{1}{2}^{\circ}$ E. 4.20 chs.
- S. $17\frac{1}{4}^{\circ}$ E. 2.80 chs.
- S. $51\frac{1}{4}^{\circ}$ E. 3.30 chs.
- S. 16° E. 5.40 chs.
- S. 28° E. 6.50 chs.
- S. $36\frac{1}{2}^{\circ}$ E. 5.50 chs.
- S. $14\frac{1}{2}^{\circ}$ E. 2.10 chs.
- S. $44\frac{1}{4}^{\circ}$ E. 17.00 chs. At 2 chs, wash 30 lks
wide enters course
S.E., at 6.00 chs, wash
40 lks, wide enters
course S.E.
- S. $52\frac{1}{4}^{\circ}$ E. 4.90 chs.
- S. 59° E. 2.90 chs.
- S. $46\frac{1}{2}^{\circ}$ E. 2.90 chs.
- S. 38° E. 2.10 chs. To the meander
cor. of frac. seco. 21 and 28, here-
before described by me.

Meanders of T. 14 S. R. 15 E. Continued.

Meanders of the left bank of the Pantano.
Land, level.

Soil, gravelly loam, 2^d and 3^d rate.

No timber; greasewood, catsclaw,
mesquite and palo verde under-
growth.

Dense undergrowth 64.70 cho.

Hence in Sec. 28.

Through dense undergrowth.

S. $27\frac{1}{4}^{\circ}$ E. 4.00 cho.

S. $17\frac{1}{2}^{\circ}$ E. 8.00 cho.

S. 30° E. 17.00 cho.

~~S. $44\frac{1}{2}^{\circ}$ E. 6.00 cho.~~

~~S. $36\frac{3}{4}^{\circ}$ E. 6.00 cho.~~

S. 44° E. 7.60 cho. To the meander
cor. of pract. secs. 27. and 28.; here
before described by me.

Land, level.

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