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•	Book "H." BOOK 2701							
	Subdivisions FIELD NOTES							
	TIELD NOTES							
	OF THE SURVEY OF THE							
	Subdivision lines of							
	Township 4 South, Range 15 West,							
	· · · · · · · · · · · · · · · · · · ·							
	Of the Gila and Salt River Base and Meridian,							
	In the State ofArizona.							
	EXECUTED BY							
	W.H. Thorn, U. S. Surveyor,							
	and							
	W. K. Kierulff, U.S. Transitman,							
	In the capacity of U.S. Surveyor., under instructions dated February 26, , 1913,							
	issued by the United States Surveyor General to govern surveys included in							
	Group No. 28, which were approved by the Commissioner of the General Land							
	Office, March 12, 1913, pursuant to authority contained in the Act of							
	Congress dated June 23, 1913.							
	Survey commenced August 6, 191.3.							
	Survey completed August 21, 191 3.							

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Tou	nship	4	South	· ,	<i>,</i>	Range	: !	5.Wes	t	
6	29	5	21	: : : : : : : : : : : : : : : : : :	16	3	11	2	5	1 1
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27		27		20		15		9		4
18	27	17	19	16	14	15	9	14	4	13
26		26		19		14		18		3
19	25	20	18	21	13	22	ð	23	3	24
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30	24	29	18	28	12	27	7	26	2	25
24	<u> </u>	23		17		12		6		1
31	23	32	17	33	11	34	6	35	l	36
31	23	32	17	33	11	34	6	35	l	36

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---- Book "A" ----- Book "B" ---- Unsurveyed .

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	. Sub	division of Township 4 South, Range 15 West, (1.B)
	Chains.	
•		Survey commenced August 6, 1913, and executed with a Young and Son's light mountain transit No.8592, with Smith solar attachment. The horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of an arc, which is also the least count of the latitude and declination arcs. I examine the adjustments of the transit, and correct the
		<pre>level and collimation errors, I also test the solar in accordance with special instructions to U.S.Sur- veyors and transitmen, page 2 of Circular. At 8h.Om. a.m., l.m.t., I set off 33201^{1/2} N. on lat.are; and 16⁴47 N. on decl.are, and determine a meridian with the solar at the cor.of secs. 1,2,35 and 36 on the south bdy.of the Tp. established by W.K.Kierulff, U.S. Transitman, as described in Book "A." Thence I run,</pre>
	28.10 35.80 40.00	N.0°01'W., on a true line, bet. secs.35 and 36. Over level land, through greasewood brush. Wash, 12 lks.wide, course SW. Wash, 20 lks.wide, 3 ft. deep, course S.40°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 1 sec.cor., with brass cap, marked, 1 S 35 on W.half; and S 36 on E.half;
,		1913 on S. edge of cap; from which, An ironwood, 14 ins. in diam., brs.S.65°E.,117 lks.dist., marked 1 S 36 B T. A palo verde, 5 ins. in diam., bears N.1°W.,247 lks.dist., marked 2 S 35 B T. Wash, 10 lks.wide, 3 ft. deep, course S.30° W.
• •		<pre>Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for cor.of secs.25,26, 35 and 36, with brass cap, marked, T 4 S S 26 in NW., R 15 W S 25 in NE., S 36 in SE., and S 35 in SW. quadrants; 1913 on S.half; from which, A palo verde, 12 ins. in diam., brs.N.6°30'E., 105 lks.dist., marked T 4 S R 15 W S 25 B T. A palo verde, 12 ins. in diam., bears S.6°E.,74 lks.dist., marked T 4 S R 15 W S 36 B T. A palo verde, 16 ins. in diam., brs. S.23°W., 18 lks.dist., marked T 4 S R 15 W S 35 B T. A palo verde, 16 ins. in diam., brs. S.23°W., 18 lks.dist., marked T 4 S R 15 W S 35 B T. An ironwood, 14 ins. in diam., brs.N.2°30'W., 83 lks.dist., marked T 4 S R 15 W S 26 B T. Land,level. Adobe soil, covered with malpais gravel. Greasewood brush. Palo verde and ironwood along washes.</pre>
		Scattering giant cactus.
•	79.96	East, on a random line, bet. secs.25 and 36. Set temp. ¹ / ₂ sec.cor. Intersect east bdy.of the Tp., 14 lks.south of the cor. of secs.25,30, 31 and 36, established by me, as described in Book "B." Thence I run, S.89°54'W., on a true line, bet. secs.25 and 36. Over level land, through scattering greasewood. Wash, 40 lks.wide, 5 ft.deep, course SE. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 25 on N.half; and S 36, 1913 on S.half; from which, An ironwood, 14 ins. in diam., brs,N.58°W., 165 lks.dist., marked 1 S 25 B T.

BOOK	bdivision of Township 4 South, Range 15 West	
Chains		<u>, ai - ai ai</u>
44•70 79•96	An ironwood, 8 ins.in diam., brs.S.47°45'W., 243 lks.dist., marked 4 S 36 B T. Mehawk and Harquahala wagon road brs.south, and N.15°E. Cor.of secs.25,26, 35 and 36. Land, level adobe soil, covered with malpais gravel. Greasewood brush. Palo verde and ironwood timber along washes. August 6, 1913.	•
33.40 39.20 40.00	August 9, 1913: N.0°01'W., on a true line, bet. secs. 25 and 26. Over levelland, through greasewood brush, 4 ft.high. Wash, 20 lks.wide, 3 ft. deep, course S.40°W. Wash, 25 lks.wide, 2 ft. deep, course S.40°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 2 sec.cor., with brass cap, marked, 2 S 26 on W.half; S 25 on E.half; and 1913 on S.half; from which, An ironwood, 28 ins. in diam., bears S.42°30°W., 24 lks.dist., marked 1 S 26 B T.	
52.60 80.00	An ironwood 24 ins. in diam., bears S.67°E.,40 lks.dist., marked 1 S 25 B T. Wash, 30 lks.wide, 3 ft. deep, course SW. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 23,24,25 and 26, with brass cap, marked, T 4 S S 23 in NW., R 15 W S 24 in NE., S 25 in SE., and	
	S 26 in SW. quadrants; 1913 on S.haIf; from which, An ironwood, 12 ins. in diam., brs.S.38°W.,217 1ks.dist., marked T 4 S R 15 W S 26 B T. An ironwood, 8 ins. in diam., brs.N.42°W.,231 1ks.dist., marked T 4 S R 15 W S 23 B T. No other trees within limits. Dig pits 18x18x12 ins., in each sec.5½ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, west of cor. Land, level adobe soil, covered with malpais gravel. Greasewood brush; palo verde and ironwood along washes.	
40.00 80.02	Intersect east bdy.of Tp., 5 lks.south of the cor.of secs. 19,24,25 and 30, established by me, as described in Book "B."	
9.70 21.00 24.12 31.82 33.20 40.01	<pre>Thence I run, S.89°58 W., on a true line, bet. secs.24 and 25. Over level land, through brush. Wash,15 lks.wide , 2 ft. deep, course SW. Mohawk and Harquahala wagonroad, brs,N.30°E. and S.30°W. Wash, 15 lks.wide, 6 ft.deep, course SW15°W. Wagon road brs.NW. and SE. Wash, 15 lks.wide, 8 ft.deep, course south. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap, marked, ‡ S 24 on N.half; S 25, 1913 on S.half;</pre>	
	dig pits $18 \times 18 \times 12$ ins., E.and W.of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high, N. of cor.	

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and a second sec	bdivision of Township 4 South, Range 15 West. 3.
Chains	
57.60	Wash, 60 links wide, 2 ft. deep, course S.15°W.
	Wash, 20 lks.wide, 2 ft. deep, course south,
	Wash, 12 1ks.wide, 2 ft. deep, course S.20°W.
73.70 80.02	Corner of secs.23,24,25 and 26.
:	Land, level adobe soil, covered with malpais gravel.
	Greasewood brush. Pale verde and ironwood timber along
	Washes. August 9, 1913.
	August 7, 1917.
	
	August 11, 1913:
	N.0°01 W. on a true line, bet. secs.23 and 24.
	Over level land, through brush.
40.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
	the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 23 on W.half;
	S 24 in E-half; and
	1913 on S.half; from which,
	A palo verde, 6 ins. in diam., brs.N.20°E.,160 lks.dist., marked 2 S 24 B T.
	lks.dist., marked ½ S 24 B T.
	No other trees in limit. Dig pits 18x18x12 ins., N.and
	S. of cor. 3 ft. dist., and raise a mound of earth and stone 3 ft. base, 1 ft. high, west of corner.
44.00	Wash, 12 lks.wide, course S.10°E.
56.00	Wash, 20 lks.wide, course S.20°E.
65.00	Wash, 10 lks.wide, course S.20°E.
70.76	A road, brs.NW. and SE.
80.00	Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
	the ground, for cor. of secs. 13,14,23 and 24, with
	brass cap, marked, T 4 S S 14 in NW.
	$\begin{array}{c} 1 + 5.5 + 11 \text{ NW}^2, \\ R + 15 \text{ W S } 13 \text{ in NE} \text{ ,} \end{array}$
	S 24 in SE., and
	S 23 in SW. quadrants;
	1913 on S.half;
,	dig pits, $18x18x12$ ins. in each sec. $5\frac{1}{2}$ ft. dist., and
	raise a mound of earth and stone 4 ft.base, 2 ft.high,
	West of corner.
	Land, level. Adobe soil, covered with malpais gravel. Greasewood brush.
	Palo verde and ironwood along washes.
40.00	East, on a random line, bet. secs.13 and 24. Set temp. sec.cor.
80.17	Intersect east bdy.of Tp., 9 lks.south of the cor.of secs.
0011	13,18,19 and 24, established by me, as described in
	Book "B."
	Thence I run,
	S.89°56'W., on a true line, bet. secs.13 and 24.
00 (r	Over level land, scattering greasewood brush.
28.67 34.47	Wash, 30 lks.wide, 4 ft. deep, course S.5° E.
40.085	<pre>Wash, 30 Iks.wide, 4 It. deep, course 5.3° E. Wash, 10 Iks.wide, 5 ft.deep, course south. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec.cor., with brass cap, marked, 1/2 S 13 on N.balf. and</pre>
	the ground, for 1 sec.cor. with brass cap. marked.
	$\frac{1}{4}$ S 13 on N.half; and
	$\frac{1}{4}$ S 13 on N.half; and S 24, 1913 on S.half;
	dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist.,
	and raise a mound of earth and stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
E1 07	ft.high, north of cor.
51.87 60.57	Wash, 20 lks.wide, 6 ft. deep, course south. Wash, 12 lks.wide, 2 ft. deep, course south.
77•77	Wash, 15 lks.wide, 2 ft. deep, course S.30°E.
80.17	Cor.of secs.13,14,23 and 24.
	Land, level adobe soil, covered with malpais rock.
	A ugust 11, 1913.
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BOOK	2701
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4	Subdivision of Township 4 South, Range 15 West.	
Chains.		
	August 12, 1913: At 9h.0m. a.m., l.m.t., I set off 33° 04½'N.on lat.arc, and 15°02'N.on decl.arc; and de- termine a meridian with the solar, at the cor.of secs. 13,14,23 and 24.	
40.00	Thence I run, N.0°01'W., on a true line, bet. secs.13 and 14. Over level land, scattering brush. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 14 on W.half; S 13 on E.half; and 1913 on Schlift, from which	
	1913 on Schalf; from which, A pale verde, 6 ins. in diam., brs.S.40°E.,203 lks.dist., marked $\frac{1}{4}$ S 13 B T. No other tree within limit; dig pits 18x18x12 ins., N. and S.of cor. 3 ft. dist., and raise a mound of earth and stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of corner.	
55.00 80.00	A ravine, 15 lks.wide, 6 ft.deep, course S.15°W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 11,12,13 and 14, with brass cap, marked, T 4 S S 11 in NW.,	
	R 15 W S 12 in NE., S 13 in SE., and S 14 in SW. quadrants; 1913 on S.half; from which, An ironwood, 4 ins. in diam., bears N.1°30'E.,	
	31 lks.dist., marked T 4 S R 15 W S 12 B T. An ironwood, 5 ins. in diam., brs.S.55°E.,27 lks.dist., marked T 4 S R 15 W S 13 B T. No other trees in limit. Dig pits 18x18x12 ins., in each secs5½ ft. dist., and raise a mound of earth and stone	
	4 ft.base, 2 ft.high, W.of cor. Land, level. Adobe soil stony, scattering greasewood brush. Scattering palo verde and ironwood timber; giant cactus.	
•		
40.00 80.18	<pre>East, on a random line, bet. secs.12 and 13. Set tempt = sec.cor. Intersect east bdy.of Tp., 9 lks.south of the cor.of secs.7,12,13 and 18, established by me, as described in Book"B."</pre>	
12.00 15.00 34.28 40.09	Thence I run, S.89°56'W., on a true line, bet. secs.12 and 13. Wash, 15 lks.wide, course SW. Wash, 20 lks.wide, course south. Wash, 10 lks.wide, course south. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked,	•
	S 12 on N.nall; and S 13, 1913 on S.half; pits impracticable. Raise a mound of stone, 3 ft.base, 2 ft.high, north of cor.	
47.48 68.18 79.88 80.18	<pre>Wash, 20 lks.wide, 5 ft.deep, course south, Ravine,12 lks.wide, 6 ft. deep, course south. Ravine, 15 lks.wide, 6 ft. deep, course S.30°E. Cor.of secs.ll,12,13 and 14. Land, level adobe soil, stony surface. Scattering greasewood brush; palo verde and iromwood along washes. Scattering giant cactus.</pre>	•
34.83 40.00	N.0°01' W., on a true line, bet. secs.ll and 12. Over rough and broken surface, bare rock. Wash, 15 lks.wide, 6 ft.deep, course SE. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in	

6.	bdivision of Township 4 South, Range 15 West. 5.	2'
Chains		
•	the ground for 1 sec.cor., with brass cap, marked, 1 S 11 en W.half; S 12 on E.half; and 1913 on S.half; pits impracticable. Raise a mound of stone 3 ft. base, 2 ft.high, west of	
80.00	cor. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins, in the ground for cor.of secs. 1,2,11 and 12, with brass cap, marked, T 4 S S 2 in NW.,	
-	R 15 W S 1 in NE., S 12 in SE., and S 11 in SW. quadrants; 1913 on S.half; pits impracticable. Raise a mound of stone 4 ft.base, 2 ft.high, west of cor. Land, rough and broken bare rock. No soil. Scattering palo verde and giant cactus.	
40.00 80.12	<pre>East, on a random line, bet. secs.l and l2. Set temp.; sec.cor. Intersect east bdy.of Tp., 5 lks.north of cor.of secs. 1,6,7 and l2, established by me, as described in Book "B."</pre>	
21.72 29.22 35.12 40.06	Thence I run, N.89°58'W., on a true line, bet. secs. 1 and 12. Over nearly level land, stony surface. Wash, 20 lks.wide, 5 ft.deep, course S.20°W. Wash, 15 lks.wide, 4 ft. deep, course S.10° W. Wash, 10 lks.wide, 2 ft. deep, course S.10° E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 1 on N.half; and	
66.22 80.12	S 12, 1913 on S.half; pits impracticable. Raise a mound of stone, $3\frac{1}{3}$ ft. base, 2 ft.high,N.of cor. Wash, 15 lks.wide. 4 ft.deep, course S.40° E. Cor.of secs.1,2,11 and 12. Land, nearly level, stony surface. Very little soil. Scattering pale verde and ironwood. Scattering giant cactus. Aug.12, 1913.	
	 August 18,1913: At 11h.Om. a.m., l.m.t., I set off 33°06'N.en lat.arc; and 13°08'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.1,2,11 and 12. A flag at the cor.of secs. 1,2,35 and 36 on the north bdy of the Tp., in plain sight. Therefore, I run, N.0°08'E., on a true line, bet. secs.1 and 2. 	
15.30 40.00	Over nearly level land; stony surface. Old wagonroad brs.W. and S.80° E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 2 on W.half; S 1 on E.half; and	•
	1913 on S.half; dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth and stone 3 ¹ / ₂ ft. base,1 ¹ / ₂ ft.high,west of corner.	
44.00 54770	Wash, 10 1ks.wide, 2 ft. deep, course S.70° E. Wash, 20 1ks.wide, 3 ft. deep, course SE.	
80.00	Thence along rocky, west slope. Cor. of secs. 1,2,35 and 36 on north bdy.of Tp.,establish by me, as described in Book "B."	ed

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BOOK 2701

BOOK 2701

6. Chains	Subdivision of Township 4 South, Range 15 West.
Chains	
	Land, nearly level, 54.70 chs.
	Stony west slope, 25.30 chs.
	Very little soil, malpais gravel. Scattering pale verde and a few giant cactus.
	August 18, 1913.
:	
	August 9, 1913.
	At 8h. Om. a.m., 1.m.t., I set off 33° Olz' N.on lat.arc;
	and 15°56'N.on decl.arc; and determine a meridian with a solar at the cor.of secs.2,3,34 and 35, on south
	bdy. of Tp. established by W.K.Kierulff, U.S.Transit-
	man, as described in Book "A."
	Thence I run,
	N.0°01'W., on a true line, bet. secs.34 and 35. Over level land.
10.60	Wash, 15 lks.wide, course S.20° W.
	"Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
-	the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{3}{4}$ S 34 on W.half;
	$\frac{1}{2}$ S 34 on W.half;
	S 35 on E.half; and 1913 on S.half;
	dig pits 18x18x12 ins. N.and S. of cor. 3 ft. dist.,
•	and raise a mound of earth and stone 31 ft. base, 12 ft.
	high, west of cor.
47.10	Wash, 20 lks.wide, 2 ft. deep, course S.20° W. Wash, 15 lks.wide, 2 ft. deep, course S.20° W.
67.30	Wash, 20 lks.wide, 2 ft. deep, course S.15° W.
80.00	Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
	the ground, for cor. of secs. 26, 27, 34 and 35, with
	brass cap, marked, T 4 S S 27 in NW.,
	R 15 W S 26 in NE.
Jan	S 35 in SE., and S 34 in SW. quadrant;
	S 34 in SW. quadrant;
	19913 on S.half; from which, A palo verde, 6 ins. in diam., brs.S.50°10'E.,
	153 lks.dist., marked T 4 S R 15 W S 35 B T. A palo verde, 6 ins. in diam., brs.S.51°45 W.,148
C	A palo verde, 6 ins. in diam., brs.S.51°45 W.,148
	lks.dist., marked T 4 S R 15 W S 34 B T. A palo verder, 12 ins. in diam., bears N.60° 30'
	W., 67 1ks.dist., marked T 4 S R 15 W S 27 BT.
	No other trees in limit; dig pits 18x18x12 ins., in
	each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth
	and stone 4 ft.base, 2 ft.high, west of corner. Land, level; adobe soil, covered with malpais gravel.
	Scattering palo verde and ironwood timber.
	Greasewood brush, 4 to 6 ft.high.
	Test on a mandem line bot sees 26 and 75
40.00	East, on a random line, bet. secs.26 and 35. Set temp. sec.cor.
80.01	Intersect N.and S. line, 2 links north of cor.of secs.
	25,26,35 and 36.
1	Thence I run, N.89°59'W., on a true line, bet. secs.26 and 35.
	Over level land, through brush 4 to 5 ft.high.
18.41	Wash, 10 lks.wide, 2 ft.deep, course south.
36.21	Wash, 15 lks.wide, 2 ft. deep, course S.30°W.
40.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
	the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 26 on N.half; and
	S 35, 1913 on S-half;
	dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
	and raise a mound of earth 32 ft. base, 12 ft. high,
	N. of cor.

		bdivision of Township 4 Southr, Range 15 West. 7.	2701
	Chains		
	65.50 70.00 80.01	Wash, 10 lks.wide, course S.70°W. Wash, 20 lks.wide, 2 ft. deep, course S.40°W. Corner of secs.26,27,34 and 35. Land, level adobe soil, covered with malpais gravel.	
	-	Scattering pale verde and ironwood along wash.	
•		August 9, 1913.	
•		August 11, 1913: At 8h.Om., a.m.,.l.m.t.,I set off 33° 02½'N.on lat.arc; and 15°21'N. on decl.arc; and deter- mine a meridian with the solar at the cor.of secs.26, 27, 34 and 35. Thence I run,	•
	14.50 37.60	N.0°01' W., on a true line, bet. secs.26 and 27. Over rough and broken land; almost bare rock. Wash, 15 lks.wide, 3 ft. deep, course S.80° W. Wash, 10 lks.wide, 2 ft. deep, course east.	
-	40.00	Set an iron post 3 ft.long, 1 in. in diam., 18 ins. in the ground, (could not set deeper, solid rock) for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 27 on W.half; S 26 on E.half; and	
		1913 on S.half; pits impracticable. Raise a mound of stone, 2 ft.base, 1 ft.high, around post. Raise a mound of stone, 3 ft.base, 2 ft.high, west of corner.	
• 	76-90	A drain 15 lks.wide, 2 ft. deep, course S.70°E. A drain,10 lks.wide, 2 ft. deep, course S.80° E. Set an iron post 3 ft.long, 2 ins. in diam., 18 ins. in the ground, for cor.of secs. 22,23,26 and 27, with brass cap, marked,	
		T 4 S S 22 in NW., R I5 W S 23 in NE., S 26 in SE., and S 27 in SW. quadrants;	
		1913 on S.half; raise a mound of stone 2 ft.base, 1 ft. high, around post, from which, A pale verde, 5 ins. in diam., brs.S.83°45'E.	
	e Na series Maria	112 lks.dist., marked T 4 S R 15 W S 26 B T. No other trees in limits; pits impracticable. Raise a mound of stone 4 ft.base, 22 ft. high, west of cor.	•
		Land, broken stony surface; almost bare rock; scattering pale verde timber and giant cactus.	
	40.00 79.90	East, on a random line, bet. secs.23 and 26. Set temp.1 sec.cor. Intersect cor.of secs.23,24,25 and 26. Thence I run,	
-	33.12 39.95	West, on a true line, bet. secs.23 and 26. Over broken surface, steny. Wash, 15 lks.wide, 5 ft. deep, course S.15° W. Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked,	
	43.15	 S 23 on N.half; and S 26, 1913 on S.half; pits impracticable. Raise a mound of stone 2 ft.base, 1½ ft. high around post. Raise a mound of stone 3 ft.base, 2 ft.high, N.of cor. Ravine, 15 lks.wide, 5 ft. deep, course S.20°E. 	
•	71.40 75.00	Ravine, 20 lks.wide, 5 ft.deep, course S.20°E. Ravine, 20 links wide 5 ft.deep, course S.25°E. Ravine, 20 lks.wide, 5 ft.deep, course S.20°E. Cor.of secs. 22,23,26 and 27. Land, rough and broken; almost bare rock, covered with	
•	•		

Chains	abdivision of Township 4 South, Range 15 West.
	loose volcanic rock. August 11, 1913.
•	· · · · · · · · · · · · · · · · · · ·
	August 14, 1913: N.0°01'W., on a true line, bet. secs.22 and 23. Over broken land.
31.00	Wash, 15 lks.wide, 4 ft. deep, course S.15°E. Ascend SW. slope, over boulders. Descend NE. slope, over boulders.
36.14	Wash, 100 1ks :.wide, 3 ft. deep, course SE. Foot of 200 ft. descent.
40.00	Set an iron post 3 ft.long,l in. in diam., 26 ins. in a mound of stone, 4 ft.base, 2½ ft. high around post,for ½ sec.cor., with brass cap, marked, ½ S 22 in W.half; S 23 in E.half, and 1913 on S.half; pits impracticable.
43.71 51.07 62.29	Raise a mound of stone 3 ft.base, 2 ft.high, W.of cor. Ascend steep SW. slope, over boulders. Descend steep NW. slope, over boulders. Ravine, 10 1ks.wide, 5 ft. deep, course west. Foot of
80.00	300 ft. descent. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 14,15,22 and 23, with brass cap, marked,
	T 4 S S 15 on NW., R 15 W S 14 in NE., S 23 in SE., and
	S 22 in SW. quadrants; 1913 on Sahalf; pits impracticable. Raise a mound of stone 4 ft.base, 2 ft.high, west of cor-
	ner. Land, mountainous and broken. No soil. Surface covered with loose boulders. Scattering giant cactus. Scattering cholla cactus. Aug.14: At the above cor., I set off 14°23'N. on the decl. arc; and at 12h.4m. 1.m.t., observed the sun on the meridian; the resulting latitude is 33°04½'N.
•	East, on a randon line, bet. secs.14 and 23.
40.00 79387	Set temp. sec.cor. Intersect N. and S. line, 4 links north of corner of secs. 13,14,23 and 24. Thence I run,
7.40	N.89°58'W., on a true line, bet. secs. 14 and 23. Over level land. Wagon road brs. NW. and SE.
10.00 18.22 22.97 30.00	Wash, 12 lks.wide, course south. Wash, 20 links wide, 2 ft.deep, course SE. Wash, 10 lks.wide, 2 ft. deep, course S.60°E. Wash, 15 lks.wide, 2 ft. deep, course S.80° E.
39•935	Set anriron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 14 on N.half; and S 23, 1913 on S-half; from which, A palo verde, 4 ins. in diam., bears N.71°45 W. 69 lks.dist., marked $\frac{1}{4}$ S 14 B T.
41.80	A pale verde, 6 ins. in diam., brs.S.67°45'W., 159 lks.dist., marked ‡ S 23 B T. Ascend east slope, over boulders.
54.26	Descend west slope. Ascend SE. slope. Descend SW. slope.

F

	Subo	livision of Township 4 South, Range 15 West, 9.	
	Chains.		
-	63.92 70.00 75.00 79.87	Ravine, 10 lks.wide, 5 ft. deep, course SE. Ascend east slope. Descend west slope. Corner of secs.14,15,22 and 23. Rough and broken, over boulders, 38.00 chs. Land, nearly level, 41.87 chs. Greasewood brush on level. Palo verde and ironwood along washes.	
	•	Scattering giant cactus. August 14, 1913.	
		August 16, 1913: N $0^{\circ}01^{\circ}W$, on a true line, bet. secs.14 and 15.	
27. 	5.00	Over rough and broken surface. Ascend SW. slope.	
	15.00 30.50	Change to west slope. Change to NW. slope, 300 ft. ascent.	
	33.50 36.80 38.00	Foot of hill, brs.N.20°E. and S.20°W., 300 ft. descent. A miner's cabin brs.west about 4.00 chs. Wash, 15 lks.wide, 5 ft. deep, course N.70°W.	
	40.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 15 on W.half;	
		S 14 on E-half; and 1913 on S-half; from which,	
		An ironwood, 16 ins. in diam., brs.S.89°W., 262 lks.dist., marked 2 S 15 B T. A palo verde, 8 ins. in diam., brs.S.30°30'E., 244 lks.dist., marked 2 S 14 B T.	
-	67.90 80.00	Wagon road brs.NW. and SE. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 10,11,14 and 15, with	
		brass cap, marked, T 4 S S 10 in NW.,	
		R 15 W S 11 in NE [•] , S 14 in SE•, and S 15 in SW• quadrants;	
		1913 on S.half; from which, An ironwood, 6 ins. in diam., brs.N.25°30'E., 88	
•		<pre>lks.dist., marked T 4 S R 15 W S 11 BT. An ironwood, 6 ins. in diam., brs.S.89°30'E.,61 lks.dist., marked T 4 S R 15 W S 14 B T. An ironwood, 14 ins. in diam., brs. S.5°30'W.,</pre>	
		15 lks.dist., marked T 4 S R 15 W S 15 B T. No other trees in limit. Pits impracticable. Raise armound of stone 4 ft.base, 2 ft.high, west of cor- ner.	
		Land, mountainous and stony, 38.00 chs. Level and stony, 42.00 chs.	
		Greasewood brush, scattering pale verde and ironwood.	
	40.00 79.94	East, on a random line, bet. secs.ll and 14. Set temp. sec.cor. Intersect N.and S. line, 4 lks.north of the cor. of secs. 11,12,13 and 14.	
		Thence I run, N'89°58'W., on a true line, bet. secs.ll and 14.	
	6.00 39.97	Wash, 15 lks.wide, 5 ft.deep, course south. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 11 on N.half; and	
		S 14, 1913 on S•half; from which, An ironwood, 6 ins. in diam., brs.S.17°15'W., 59 lks.dist., marked 1 S 14 B T. An ironwood, 16 ins. in diam., brs.N.9°W.,150	

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	10. 9	Subdivision of Township 4 South, Range 15 West
	Chains	
	47.80 79.94	<pre>lks.dist., marked \$ S 11 B T. Wash, 15 lks.wide, course south. Thence over broken surface, and nearly bare rock and large boulders. Cor.of secs.10,11,14 and 15.</pre>
		Rolling land, 47.80 chs. Rough and broken land, 32.20 chs. Ironwood along washes; giant cactus. August 16, 1913.
	11.00 25.60 37.40 40.00	August 19, 1913: N.0°01'W., on a true line, bet. secs.10 and 11. Over level land, through greasewood brush, 4 to 6 ft. high. Wash,10 lks.wide, 2 ft.deep, course S.20°W. Wash, 10 lks.wide, 2 ft. deep, course S.30°W. Wash, 25 lks.wide, 2 ft. deep, course SW. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap, marked,, 1 S 10 on W.half; S 11 on E.half; and 1913 on S.half; from which,
	74.40 802000	A palo verde, 12 ins. in diam., brs.S.4°30'W., 213 lks.dist., marked 1 S 10 B T. An ironwood, 14 ins. in diam., brs.S ⁵ 9°E.,195 lks.dist., marked 2 S 11 BT. Wash, 10 lks.wide, 3 ft. deep, course S.40°E. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 2,3,10 and 11, with brass cap, marked T 4 S S 3 in NW.,
		R 15 W S 2 in NE., S 11 in SE., and S 10 in SW. quadrants; 1913 on S.half; from which, An ironwood, 10 ins. in diam., brs.N.54°10'W.,
-		254 lks.dist., marked T 4 S R 15 W S 3 B T. No other tree in limits. Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft.base, 2 ft. high, west of corner. Land, nearly level. Adobe soil Malpais gravel. Ironwood and palo verde along washes.
	40.00 79.90	East, on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{2}$ sec.cor. Intersect the cor.of secs.1,2,11 and 12.
		Thence I run, West, on a true line, bet. secs.2 and 11. Over gradual SW. slope, through scattering brush.
	24.80 27.50 29.70 39.95	<pre>Wash, 15 lks.wide, 4 ft. deep, course N.30°W. Wash, 20 lks.wide, 5 ft. deep, course N.30°W. Wash, 25 lks.wide, 5 ft. deep, course N.30°W. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ½ sec.cor., with brass cap, marked, ½ S 2 on N.half; S 11, 1913 on S.half;</pre>
	79•90	<pre>dig pits 18x18x12 ins. E and W of cor., 3 ft. dist., and raise a mound of earth and stone, 3 ft. base, 12 ft.high, north of cor. Corner of secs.2,3, 10 and 11. Land, gently rolling and level adobe soil, covered with loose malpais stone. Greasewood brush. Scattering palo verde and ironwood. Scattering giant eactus. Chellas.</pre>

	ALL THE MENT OF THE PARTY OF	division of Township 4 South, Range 15 West. 11.
	Chains	
		A flag at the cor.of secs.2,3,34 and 35, on the north bdy.of the Tp., is in plain sight, from cor.of secs. 2,3,10 and 11.
•	-	Thence I run, N.0°01'E., on a true line, bet. secs.2 and 3. Over gently rolling land.
	30.83	Wash, 20 lks.wide, 3 ft. deep, course S.20°W. Wash, 15 lks.wide, 2 ft. deep, course S.70°W. Wash, 20 lks.wide, 3 ft. deep, course S.70°W.
		Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 3 on W.half; S 2 on E.half; and
		1913 on S.half; pits impracticable. Raise a mound of stone, 2½ ft. base, 1½ ft.high, around post. Raise a mound of stone, 3 ft.base, 2 ft. high, west of corner.
	50.00	Wash, 10 1ks.wide, 4 ft. deep, course S.70° W. Enter volcanic boulders.
	60.00	Leave level land, thence along west slope of low ridge, o over large boulders.
	79•99	Cor.of secs.2,3,34 and 35, on the north bdy.of the Tp., established by me as described in Book "B." Land, level adobe soil, covered with loose stone, 60.00 chs.
		Volcanic boulders, 19.99 chs. Scattering greasewood brush, palo verde, ironwood timber
		and giant cactus. August 19, 1913.
	•	
•		August 13, 1913: At 8h. Om. a.m., l.m.t., I set off 33° Olz'N.on lat.are; and 14°45'N.on decl.arc, and deter- mine a meridian with the solar at the cor.of secs.3,4, 33 and 34 on the south bdy.of the Tp., established by W.K.Kierulff, U.S. Transitman, as described in Book "A." Thence I run,
	14.00 20.00 40.00	N.0°02'W., on a true line, bet. secs.33 and 34. Over level land, through scattering greasewood brush. Wash, 10 lks.Wide, 2 ft. deep, course S.20°E. Wash, 15 lks.wide, 3 ft. deep, course S.15°E. Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in
×		the ground, (could not set deeper, solid rock),for ‡ sec.cor.,with brass cap, marked, ‡ S 33 on W.half; S 34 on E.half; and
		1913 on S.half; raise a mound of stone 3 ft.base, $l\frac{1}{2}$ ft. high around post; from which,
		A palo verde, 5 ins. in diam., brs.S.28°35'E., 143 lks.dist., marked 2 S 34 B T. A palo verde, 5 ins. in diam., brs.N.84°30'W.,
		86 lks.dist., marked 1 S 33 B T. Base of mountain bears east about 12.00 chs. from the 1
	65.00 80.00	<pre>sec.cor. Point of mountain brs.S.15°E³ and N.40°E. Set an ipon post 3 ft.long, 2 ins. in diamw, 18 ins. in the ground, for cor.of secs.27,28, 33 and 34, with</pre>
		brass cap, marked, T 4 S S 28 in NW., R 15 W S 27 in NE.,
		S 34 in SE., and S 33 in SW. quadrants; 1913 on S.half; from which,
		A palo verde, 6 ins. in diam., brs.N.55°E.,154 lks.dist., marked T 4 S R 15 W S 27 B T. A pale verde,12 ins. in diam., brs.S.56°W.,24
		lks.dist., marked T 4 S R 15 W S 33 B T. A palo verde, 5 ins. in diam., brs.N.56°W.,124

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BOOK 2701

	BOOK	
-	12. Chains	Subdivision of Township 4 South. Range 15 West.
		<pre>lks:dist., marked T 4 S R 15 W S 28 BT. No other tree in limits; pits impracticable. Raise a mound of stone 3 ft.base, 1½ ft. high, around post. Raise a mound of stone 4 ft.base, 2 ft. high, west of corner. Land, nearly level adobe soil, covered with loose stone. Palo verde and imonwood along washes. Greasewood brush.</pre>
	10.00 17.97 18.97 27.97 35.00	East, on a random line, bet. secs.27 and 34. Set temp. # sec.cor. Intersect the cor.of secs.26,27, 34 and 35. Thence I run, West, on a true line, bet. secs.27 and 34. Over rough and broken surface. #scend steep east slope over boulders. Top of low ridge, brs.N.and S.; descend. Foot of low ridge, brs.N.and S. Wash, 15 lks.wide, 2 ft. deep, course south. Wash, 10 lks.wide, 2 ft. deep, marked, 1 in. in diam., 26 ins. in the ground, for # sec.cor., with brass cap, marked, \$\$ 27 on N.half; and \$\$ 34, 1913 on S.half. Pits impracticable. Baise a mound of store. 3 ft.base, 2 ft.high, north of
		Raise a mound of stone, 3 ft.base, 2 ft.high, north of cor. Ascend steep east slope over boulders. Top of ridge brs.N.and S., 500 ft. ascent; descend steep SW. slope. Foot of mountain, brs.N.and S. Cor.of secs. 27,28, 33 and 34. Land, mountainous, 33.00 chs. Rough and broken stony surface, 46.97 chs. Scattering timber along washes. Giant cactus.
	37.00 40.00 54.30 62.65	N.0° 02 ¹ W., on a true line, bet. secs.27 and 28. Over level land, through greasewood brush. Wash, 15 lks.wide, 4 ft. deep, course N.85° W. Wash, 15 lks.wide, 5 ft. deep, course S.40° W. Wash, 15 lks.wide, 5 ft. deep, course S.50°W' Ascend SW. slope, of mountain, over volcanic bouldefs. Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground (could not set deeper, solid rock),for $\frac{1}{4}$ sec.cor., with brass eap, marked, $\frac{1}{4}$ S 28 on W.half; S 27 on E.half; and 1913 on S.half; pits impracticable. Raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft. high, ayound post. Raisererequind of stone,3 ft.base,2 ft.high,W.of core. Top of ridge, brs.E.and W. Descend NW. slope. Ascend SW. slope. Wash, 20 lks.wide, 5 ft. deep, course SW. Foot 300 ft., descent.
	80.00	<pre>descent. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 21,22,27 and 28, with brass cap, marked, T 4 S S 21 in NW., R 15 W S 22 in NE., S 27 in SE., and S 28 in SW. quadrants; 1913 on S.half; from which, An ironwood, 6 ins. in diam., brs. N.80°E., 117 Iks.dist., marked T 4 S R 15 W S 22 B T.</pre>

Sub	division of Township 4 South, Range 15 West. 13.
Chains	
•	An ironwood, 14 ins. in diam., brs.S.56°30'E.,90 lks.dist., marked T 4 S R 15 W S 27 B T. An ironwood, 12 ins. in diam., brs.S.44°15'W.,98 lks.dist., marked T 4 S R 15 W S 28 B T. A palo verde, 6 ins. in diam., brs.N.75°W.,90 lks.dist., marked T 4 S R 15 W S 21 B T. Land, level adobe soil, covered with loce stone, 40.70
	chains. Mountainous, over volcanic boulders, 39.30 chs.
C	Freesewood brush on level.
	Palo verde and ironwood along washes. Stattering giant cactus.
	August 13, 1913.
	August 14, 1913: At 9h.0m. a.m., l.mt., I set off 33° 03½'N. on lat.arc; and 14°26'N. on decl.arc; and deter- mine a meridian with the solar at the cor.of secs.21, 22, 27 and 28.
•	Thence I run, East, on a random line, bet. secs.22 and 27.
40.00	Set ternat secocor.
79-86	IntersectN.and S. line, 3 lks.north of the cor.of secs. 22, 23,26 and 27.
	Thence I run
	N.89°59'W., on a true line, bet. secs.22 and 27. Over nearly bare rock; ascend east slope.
10.00	Top of ridge, brs.N.and S.
15.00 39.93	Foot of descent; brs.N.and S. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
¥]•99	the ground, for \ddagger sec.cor., with brass cap, marked, \ddagger S 22 on N.half; and S 27, 1913 on S.half;
	dig pits, 18x18x12 ins., E. and W. of cor.3 ft. dist., and raise a mound of earth and stone 31 ft. base, 11 ft. high, north of.cor.
45.00	Wash, 15 lks.wide, 5 ft. deep, course N.70°W. Ascend
54.61	east slope. Top of ridge, brs.N.and S. Descend about 8.00 chs. north and 12.00 chs. south of line.
61.00	Foot of descent, brs.N.and S. Wash, 25 lks.wide, 5 ft. deep, course S.80°W.
71.36	Wash. 20 1ks.wide, 5 ft.deep, course SW.
75•76 79•86	Cor. of secs. 21, 22, 27 and 28.
	Land, mountainous, 60.86 chs. Nearly level, 19.00 chs.
	No soil on mountains. Black volcanic rock. On level adobe soil, covered with loose stone.
	August 14, 1913.
÷	August 15, 1913:
	N.0°02' W., on a true line, bet. secs.21 and 22. Over level land, through brush.
24.10	Wash. 10 lks.wide. 2 ft. deep, course SW.
40.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{2}$ sec.cor., with brass cap,marked,
	S 21 on W.half;
	S 22 on E-half; and 1913 on S-half;
	dig nits 18x18x12 ins. N.and S. of oor., 3 ft. dist.,
, .	and raise a mound of stone and earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.
45.00	A hill brs.west about 12.00 chs. Hill is about 20.00
45.10	chs. long, bears N.80° E. and S.80° W. Wash, 10 lks.wide, 2 ft. deep, course S.20°W.
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 14. 9 Chains	Subdivision of Township 4 South, Range 15 West.
55.00 67.60 78.00 80.00	A wash, 12 lks.wide, 2 ft. deep, course S.20°W. Wash, 15 lks.wide, 3 ft. deep, course S.20°W. Road, bF5.N.60°Ed and S.70° W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 15,16,21 and 22, with brass cap, marked, T 4 S S 16 in NW.,
	R 15 W S 15 in NE., S 22 in SE., and S 21 in SW. quadrants; 1913 on S.half; pits impracticable. Raise a mound of stone 3 ft.base, 2½ ft. high, W.of cor. Land, nearly level adobe soil, covered with loose stone. Greasewood brush. Palo verde and ironwood along washes. Giant cactus. August 15, 1913.
	Augus (1), 1)1).
-	August 16, 1913: At Sh. Om. a.m., l.m.t., I set off 33° 04½'N. on lat.arc; and 13°50'N. on decl.arc, and de- termine a meridian with the solar at the cor.of secs. 15,16, 21 and 22.
40.00	Thence I run, East, on a random line, bet. secs.15 and 22. Set temp.1 sec.cor.
79.88	Intersect cor. of secs. 14,15,22 and 23. Thence I run,
33.00 39.94	<pre>West, on a true line, bet. secs.15 and 22, over rough and broken surface. A ravine, 50 lks.wide, 20 ft. deep, course N.and S.70°W. Set an iron post 3 ft.long, 1 in. in diam., 1 ft.in the ground (solid rock, could not set deeper) for 1/2 sec. cor., with brass cap, marked,</pre>
	A S 15 on N.half, and S 22, 1913 on S.half; pits impracticable. Raise a mound of stone, 3 ft. base, 12 ft. high around post; raise a mound of stone 3 ft.base, 2 ft. high, north of cor.
70.00 76.98 79.88	Change to level land, bears SW. and SE. Wagon road, brs.NE. and SW. Cor.of secs.15,16,21 and 22. Land, rough and broken surface, over large boulders and no soil, 70.00 chs.
	Nearly level adobe soil, covered with loose stone, 9.88 chs. Scattering greasewood brush on level. August 16, 1913.
5.80 31.60 34.00	August 19, 1913. N.0°02'W., on a true line, bet. secs.15 and 16. Over nearly level land, through greasewood brush. Wash, 12 lks.wide, 2 ft. deep, course S.30° W. Road brs. E.and W. Wash, 12 lks.wide, 3 ft. deep, course S.60°W. Set an inon post 3 ft. long 1 in. in diam. 26 ins. in
40.00	Wash, 12 lks.wide, 3 ft. deep, course S.60°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 16 on W.half; S 15 on E.half; and 1913 on S.half; from which, An ironwood, 5 ins. in diam., brs.N.39°E.,86 lks.dist., marked $\frac{1}{2}$ S 15 B T.
49.80 50.00 69.20 76.20	An ironwood, 4 ins. in diam., brs.S.5°30'W., 69 lks.dist., marked \$\$ 16 B T. Wash, 12 lks.wide,2 ft. deep, course S.40°W. A miner s cabin brs.east about 18.00 chs. Wash, 15 lks.wide, 3 ft. deep, course S.40°W.

	2)	70.
Sub(division of Township 4 South, Range 15 West. 15.	
Chains 80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in	
	the ground, for cor.of secs. 9,10,15 and 16, with brass cap, marked, T 4 S S 9 in NW [•] ,	
	R 15 W S 10 in NE., S 15 in SE., and	
	S 16 in SW. quadfants, 1913 in S.half; dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and	
	raise a mound of earth and stone 4 ft.base 2 ft.high, W. of cor.	
•	Land, nearly level adobe soil, covered with malpais and gravel. Ironwood and palo verde timber, along washes.	
	Scattering giant cactus.	
	Aug.19; At the cor.of secs. 9,10,15 and 16, I set off 12°48 N. on decl.arc; and at 12h.3m. 1.m.t., I observe the sun on the meridian; the resulting lat.is 33° 05'N	
40.00	Thence I run, East, on a random line, bet. secs.10 and 15. Set temp. sec.cor.	
80.08	Intersect N.and S. line, 2 lks.north of cor.of secs.10, 11,14 and 15.	
	Thence I run, N.89°59 W., on a true line, bet. secs.10 and 15. Over nearly level land, through brush.	
6.48 7.00 17.58	Wash, 20 lks.wide, course S.30°W. Road brs.N.and S. Wash, 20 lks.wide, course S.30°W.	
40.04	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for z sec.cor., with brass cap, marked, S 10 on N.half; and	
	S 15, 1913 on S.half; from which, A palo verde, 6 ins. in diam., bears N.62°30'E., 98 lks.dist., marked 2 S 10 B T.	
	A catsclaw, 6 ins. in diam., brs.S.30°30'E.,203 lks.dist., marked 1 S 15 B T?	
44.61 64.33 77.28	Wash, 10 lks.wide, course S.40°W. Wash, 15 links wide, course S.40°W. Wash, 10 lks.wide, course S.40°W.	
80.08		
	washes. Giant cactus. August 19, 1913.	
	August 20, 1913. N.0 $^{\circ}$ 02' W., on a true line, bet. secs.9 and 10.	
(Over level land, through greasewood brash, 3 to 4 ft. high.	
6.20 28.30 34.10	Wash, 10 1ks.wide, course SW. Wash, 10 1ks.wide, course SW.	
40.00	the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 9 on W-half;	
	S 10 on E.half; and 1913 on S.half; dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist.,	
	and raise a mound of earth and stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high, west of corner.	
46 .50 48 . 90	Wash, 15 lks.wide, course S.20°W. Wash, 20 lks.wide, course S.20°W.	

5 F. v

	Subdivision of Township 4 South. Range 15 West.
Chains.	
80.00	Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 3,4,9 and 10, with brass cap, marked,
1	T4SS4 in NW., R15WS3 in NE., S10 in SE. , and
	S 9 in SW. quadrants; 1913 on S.half: from which,
7	A palo verde, 8 ins. in diam., brs.N.15°E.,98 lks.dist., marked T 4 S R 15 W S 5 B T. An ironwood, 6 ins. in diam., bears S.15°30'E.,
	59 lks.dist., marked T 4 S R 15 W S 10 B T. An ironwood, 5 ins. in diam., bears S.18°W.,95 lks.dist., marked T 4 S R 15 W S 9 B T.
	No other trees in limit. Pits impracticable. Raise a mound of stone, 3 ft.base, 2½ ft. high, W.of cor.
	Land, level adobe soil; covered with gravel. Greasewood brush. Ironwood and palo verde along washes. Aug. 20: At the above sec.cor., I set off 12° 30'N.on
	decl.arc, and at 12h.3m. 1.m.t., I observe the sun on the meridian; the resulting lat.is 33°06' N.
-	
40.00	East, on a random line, bet. secs.3 and 10. Set temp. sec.cor.
80.08	Intersect N. and S. line, 3 lks.north of cor.of secs.2,3,10 and 11. Thence I run,
7 00	N.89°59'W., on a true line, bet. secs.3 and 10. Over nearly level land, through greasewood brush.
3.00 33.68 40.04	Shallow wash, 15 lks.wide, course S.50°W. Wash, 15 lks.wide, 2 ft. deep, course S.50° W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
	the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 3 on N.half; and S 10, 1913 on S.half;
·	dig pits, $18 \times 18 \times 12$ ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth and stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high, N. of corner.
45.20 55.70	Wash, 1511ks.wide, course S.50°W. Wash, 15 1ks.wide, course SW.
	Wash, 15 lks.wide, course SW. Wagon road brs.NW. and SE.
65 .80 80 . 08	Wash, 15 lks.wide, course SW. Cor.of secs.3,4,9 and 10.
	Land, level adobe soil; malpais gravel; greasewood brush. Scattering pale verde and ironwood.
40.00	N.0°02' W.on a random line, bet. secs.3 and 4. Set a temp. sec.cor.
80.07	Intersect N.bdy.of Tp., 10 links east of cor.of secs.3,4, 33 and 34, established by me, as described in Book "B" Thence I run,
	S.0°06'E., on a true line, bet. secs.3 and 4. Over level land, through greasewood brush.
5.88 25.00 30.70	Wash, 10 lks.wide, course S.70°W. Wash, 15 lks.wide, course S.60°W. Wash, 20 lks.wide, course S.70°W.
40.07	Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 4 on W.hakf;
· · ·	S 3 on E.half; and
	1913 on S.half; from which, A pale verde. 12 ins. in diam., bears S.22°30'E., 144 lks.dist, marked 1 S 3 B T.
	An ironwood, 6 ins. in diam., bears S.55°20'W.,
-	

	C	BOOK 270 Edivision of Township 4 South, Range 15 West, 17.	01
	Chains		
-	47.00 54.67 60.88 80.07	<pre>157 lks.dist., marked 1 S 4 B T. Raise a mound of stone 3 ft.base, 12 ft. high around post. (Could not set post deeper for solid rock). Wash, 20 lks.wide, course S.70°W. Road brs.NW. and SE. Wash, 15 lks.wide, 3 ft. deep, course S.60°W. Cor.of secs. 3,4,9 and 10. Land, nearly level. Adobe soil; malpais gravel. Grease- wood brush. Heavy timber, ironwood and palo verde along washes. August 20, 1913.</pre>	
	20.00 40.00 41.10 80.00	<pre>August 15, 1913: At 8h.0m, a.m., l.m.t., I set off 33°01½'N. on lat.arc; and 14°08'N.on decl.arc, and determine a meridian with the solar at the cor.of secs.4,5,32 and 33 on the S. bdy.of the Tp., established by W.Z.Kierulff, U.S. Transitman, as described in Book "A." Thence I run, N.0°02' W., on a true line, bet. secs. 32 and 33. Over level land, through greasewood brush, 3 to 4 ft.high. Phoenix and Yuma auto road, brs.N.50°W. and S.50°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap, marked,</pre>	
	40.00 80.10 24.46 31.80 40.05	East, on a random line, bet. secs.28 and 33. Set temp. 4 sec.cor. Intersect the cor.of secs.27,28,33 and 34. Whence I run, " West, on a true line, bet. secs.28 and 33. Over level land, through greasewood brush. Wash, 15 lks.wide, course S.80°W. Wagon road brs.N.and S. Wash, 10 lks.wide, course SW. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., with brass cap, marked, 4 S 28 on N.half; and	
	51.20 80.10	 S 33, 1913 on S.half; pits impracticable. Raise a mound of stone, 3 ft. base, 2 ft.high, north of cor. Wash; 12 lks. wide, course SW. Corner of secs. 28,29,32 and 33. Land, level, adobe soil. Malpais gravel. Greasewood 	

 $= \lim_{n \to \infty} \frac{\mathcal{A}^n}{n} \sum_{i=1}^n \frac{1}{n} \sum_{$

BOOK 2701

18-	Subdivision of Township 4 South. Range 15 West.
Chains	
	brush. Palo verde and ironwood timber. Giant cactus.
-	· · · · · · · · · · · · · · · · · · ·
	N.0° 02' W., on a true line, bet. secs.28 and 29. Over level land, through greasewood brush, 3 ft. high.
16.40	Wash, 10 lks.wide, course S.40°W.
40.00	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap,marked,
	<pre>5 29 on W•half; S 28 on E•half; and</pre>
	1913 on S.half;
	dig pits 18x18x12 ins., N.and S.of cor.3 ft. dist., and raise a mound of earth 32 ft.base, 12 ft. high,W.
	of cor.
76.00 80.00	Wash, 12 lks.wide, course S.40°W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
	the ground, for cor. of secs. 20, 21, 28 and 29, with
	brass cap, marked, T 4 S S 20 in NW [•] ,
	R 15 W S 21 in NE., S 28 in SE., and
	S 29 in SW. quadrants;
	1913 on S·half; dig pits $18x18x12$ ins., in each sec.5½ ft. ft.dist.,
	and raise a mound of earth 4 ft.base, 2 ft.high, W.of
	cor. Land, level, adobe soil. Greasewood brush; scattering
	palo verde and giant cactus. Aug.15: At above cor., I set off 14°05' N. ondecl.arc;
	and at 12h.3m. 1.m.t., I observe the sun on the meri-
	dian. The resulting latitude is 33° 04'N.
•	
40.00	East, on a random line, bet. secs.21 and 28. Set temp. 1 sec.cor.
80.05	Intersect the cor. of secs. 21,22,27 and 28.
	Thence I run, West, on a true line, bet. secs.21 and 28, over nearly
•85	level land, through greasewood brush. Wash, 10 lks.wide, course south.
23.45	Wash, 10 lks.wide, course S.10°W.
32.40 39.25	Wash, 15 lks.wide, course S.15°W. Wash, 15 lks.wide, course south.
40.025	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor.,with brass cap, marked
	π S 21 on N.half; and
	S 28, 1913 on S half; from which, An ironwood, 8 ins. in diam., bears N.35°15'E.,
	115 lks.dist., marked 🛊 S 21 B T.
	An ironwood, 12 ins. in diam., bears S.86°10'E. 35 lks.dist., marked 2 S 28 B T.
49.00	Road brs.N.10°E. and south. Wash, 15 lks.wide, course S.10°W.
51.50 55.00	Wash, 10 1ks.wide, course S.10°W.
75.50 80.05	Wash, 12 lks.wide, course S.40°W. Cor.of secs.20,21,28 and 29.
0000	Land, level adobe soil, greasewood brush.
	Palo verde and ironwood along washes; giant cactus. August 15. 1913.
	August 19, 1913: At 9h. Om. a. m., 1.m.t. I set off 33° 03 ¹ N.on lat.
	arc; and at 12° 51'N. on decl.arc, and determine a meridian with the solar at the cor.of secs.20,21,
	28 and 29.

Chains	division of Township 4 South, Range 15 West. 19.
JIA 1 115	Thence I run,
	N.0°02'W., on a true line, bet. secs.20 and 21.
26 40	Over level land, through brush.
16.40	Wash, 10 lks.wide, course S.30°W. Wash, 12 lks.wide, course S.30°W.
33.80	Wash, 10 lks.wide, course S.30°W.
40.00	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins, in
	the ground, for z sec.cor., with brass cap, marked
	$\frac{1}{2}$ S 20 on W•half; S 21 on E•half; and
	1913 on S-half;
•	dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.
	and raise a mound of earth and stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. base, $1\frac{1}{2}$
56.70	Wash, 12 lks.wide, course S.30°W.
80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
	the ground, for cor. of secs. 16, 17, 20 and 21, with
	brass cap, marked, T 4 S S 17 in NW.
	R 15 W S 16 in NE ² ,
	S 21 in SE., and
	S 20 in SW. quadrants; 1931 on S.half; from which,
	set ant arbhwood; 5. ins. in diam., brs; Nt8215 E.,
	reach Acted 1510 1ks.dist.; marked To 40\$ R 150W 08816 BT.
	10-highAnwironwood, 28 ins. in diam., brs.N.27°45'W., 134 lks.dist., marked T 4 S R 15 W S 17 B T.
	No other trees in limit. Dig pits 18x18x12 ins., in each
	sec. 52 ft. dist., and raise a mound of earth and
· · · · ·	stone 4 ft.base, 2 ft.high, west of cor. Land, level, adobe soil, covered with malpais gravel.
	Grease Wood brush; ironwood and palo verde along washes.
	Scattering giant cactus.
	East, on a random line, bet. secs.16 and 21.
40.00	Set temp. 1 sec.cor.
80.07	Intersect N. and S. line, 2 lks.north of the cor.of secs. 15,16,21 and 22.
	Thence I run.
	N.89°59 W., on a true line, bet. secs.16 and 21.
14.42	Over level land. Wash, 12 lks.wide, 2 ft. deep, course S.30° W.
38.27	Wash, 15 lks.wide, 2 ft.deep, course S.30°W.
40.035	Set an iron post 3 ft. long, 1 in, in diam, 12 ins, in
	the ground, for sec.cor., with brass cap, marked, S 16 on N.half; and
	$\hat{\mathbf{S}}$ S 16 on N. hall; and $\hat{\mathbf{S}}$ 21, 1913 on S half;
	raise a mound of stone 3 ft.base, 12 ft. high around
	post; from which,
	A palo verde, 14 ins. in diam., brs.S.56°E.,51 lks.dist., marked ½ S 21 B T.
	An ironwood, 9 ins. in diam., bears N.88°E. 123
46.00	lks.dist., marked 🛱 S 16 B T.
46.97 66.57	Wash, 15 lks.wide, course S.30°W. Wash, 15 lks.wide, course S.30°W.
80.07	Cor. of secs. $16, 17, 20$ and 21 .
•	Land, level, adobe soil, covered with gravel and loose
	stone. Greasewood brush. Palo verde and ironwood. August 19, 1913.
,	
	August 20, 1913:
· ·	At 9h. Om. a.m., l.m.t., I set off 33°04½'N.on lat. arc; and 12°33'N' ondecl.arc, and determine a meri-
	dian with the solar at the cor. of secs. 16,17,20 and
	21.

AND A PROPERTY

BOOK 2701

20	Subdivision of Township 4 South, Range 15 West.	
Chains		
1.90	Thence I run, N.0°02' W., on a true line, bet. secs.16 and 17. Over level land, through greasewood brush, 3 ft. high. Road brs.N.80°E. and S.80°W.	
28.40 40.00	Wash, 12 lks.wide, course S.30°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap, marked, ‡ S 17 on W.half; S 16 on E.half; and 1913 on S.half; dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth 3½ ft.base, 1½ ft. high,	-
40.20 80.00	W. of cor. Wash, 10 lks.wide, course S.40° W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 8,9,16 and 17, with	
	brass cap, marked, T 4 S S 8 in NW., R 15 W S 9 in NE. S 16 in SE., and S 17 in SW. quadrants; 1913 on S.half; from which, An ironwood, 6 ins. in diam., brs.S.76° W,176	
	lks.dist.,marked T 4 S R 15 W S 17 BT. An ironwood, 5 ins. in diam., brs.N.41° 30'W., 194 lks.dist., marked T 4 S R 15 W S 8 B T. No other trees in limits; dig pits 18x18x12 ins. in each	
	sec. 5 ¹ / ₂ ft. dist., and raise a mound of earth and stone 4 ft.base, 2 ft.high, west of cor. Land,level. Adobe soil; gravel on top. Ironwood and palo verde and greasewood brush.	
	East, on a random line, bet. secs.9 and 16.	
40.00 80.00	Set temp. sec.cor. Intersect N.and S. line, 3 lks.north of cor.of secs.9, 10,15 and 16. Thence I run,	
5•50 26•24 35•20	N.89°59'W., on a true line, bet. secs.9 and 16. Over level land, through brush 4 ft.high. Wash, 20 lks.wide; course SW. Wash, 15 lks.wide, course S.40°W. Wash, 10 lks.wide, course SW.	
46.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 9 on N.half; and S 16, 1913 on S.half;	
46.09 68.10	<pre>dig pitsll8xl8xl2 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. Wash, 8 lks.wide, course S. 50°W. Wash, 10 lks.wide, course S.40°W.</pre>	
73.10 80.00	Wash, 8 lks.wide, course S.40°W. Cor.of secs.8,9,16 and 17. Land, level adobe soil, covered with malpais gravel.	
	Greasewood brush. August 20, 1913.	-
	August 21, 1913: At 8h. Om. a.m., l.m.t., I set off 33° 05'N. on lat.arc. and 12°12'N. on decl.arc, and deter- mine a meridian with the solar at the cor.of secs. 8,9,16 and 17. Thence I run,	
	N.0°02'W., on a true line, bet. secs.8 and 9. Over level land, through heavy brush; scattering palo yerde timber.	

, T	B
	101

	Subd	ivision of Township 4 South, Range 15 West. 21.	2701
	hains	·	
23	3.50 4.10 0.14 0.00	<pre>Wash, 20 lks.wide, course S.70°W. Wash, 10 lks.wide, course S.70°W. Wash, 12 lks.wide, course S.70°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins, in the ground, for 2 sec.cor., with brass cap, marked, 1 S 8 on W.half; S 9 on E.half; and 1913 on S.half;</pre>	
	7•40 7•70 0•00	<pre>dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth and stone 3¹/₂ ft. base, 1¹/₂ ft. high, west of cor. Wash, 10 1ks.wide, course S.50°W. Wash, 10 1ks.wide, course S.50°W. Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.4,5,8 and 9, with brass cap, marked,</pre>	•
		T 4 S S 5 in NW., R 15 W S 4 inNE., S 9 in SE., and S 8 in SW. quadrants;	
		1913 on S.half; from which, An ironwood. 6 ins. in diam., brs.N.18°30'E., "112 lks.dist., marked T 4 S R 15 W S 4 B T. No other trees in limits. Pits impracticable. Raise a mound of stone, 32ft.base, 22 ft.high,W.of cor.	
-		Land, level adobe soil, covered with loose stone 4 to 6 ins. in diam., Greasewood brush. Palo verde and ironwood along washes. Giant cactus.	
	0.00 9.96	East, on a random line, bet. secs. 4 and 9. Set temp. sec.cor. Intersect N'and S. line, 5 lks.N.of.cor.of secs.3,4,9%.10. Thence I fun,N.89 58 W.on a true line, bet.secs.4 & 9. Over level land, through greasewood brush.	<i>!</i>
23	26.66 7.06 5.00 9.98	Road brs.N.and S. Wash, 12 lks.wide, course S.60°W. Wash, 20 lks.wide, course S.60°W. Set an iron post 3 ft.long, 1 in. indiam., 26 ins. in the ground for ‡ sec.cor., with brass cap, marked, ‡ S 4 on N.half, and S 9. 1913 on S.half; dig pits 18x18x 12 ins.E.& W.of por.3 ft.dist.& raise md.of earth 32ft.bas	
Ĩ	2.30 6.06 5.86 9.96	<pre>Wash, 12 lks.wide, course S.60° #. lz.ft.high,N.of cor Wash, 15 lks.wide. course S.60°W. Wash, 10 lks.wide, course S.60°W. Cor.of secs.4,5,8 and 9/ Land, nearly level. Adobe soil, covered with loose stone. Greasewood brush 3 to 4 ft.high. Palo verde and ironwood along washes. Scattering giant cactus.</pre>	
	40.00 30.04	N.0°02'W., on a random line, bet. secs.4 and 5. Set temp. sec.cor. Intersect N.bdy.of Tp.6 lks.W.of the cor.of secs.4,5, 32 and 33, established by me, as described in Book "B. Thence I run, S.0°01' W.on a true Line; bet. secs.4 and 5.	
	5.34 15.00 18.50 22.70 40.04	Over level land, through greasewood brush 5 to 5 ft.high. Wagon road brs.NW. and SE. Wash, 15 lks.wide, course SW. Wash, 20 lks.wide, course SW. Wash, 12 lks.wide, course S.70°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap, marked,	

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BOOK 2701

42.60 66.70 70.00 76.60 80.04	¹ / ₄ S 5 on W'half; S 4 on E-half; and 1913 on S. half; dig pits 18x18x12 ins.,N.and S. of cor. 3 ft. dist., and raise a mound of earth and stone 3 ¹ / ₂ ft. base, 1 ¹ / ₂ ft. high, west of cor. Wash, 15 lks.wide, course S.60°W. Wash, 10 lks.wide, course SW. Wash, 10 lks.wide, course S.75°W. A wood road brs.N.80°E. and S.80°W. Cor.of secs.4,5,8 and 9. Land, level adobe; soil covered with loose stone 4 to 6 ins. in diam., Greasewood brush 4 to 6 ft.high. Palo verde and ironwood timber along washes. Giant cactus August 21, 1913.
	GENERAL DESCRIPTION.
	This township has a broken rocky ridge extending through secs. 34,27,22, 23, 15, 14; also in 1, 2, 12, There are several miners' prospect holes in the rough parts. The remaining portion of the township is nearly level, covered with greasewood brush, scattering palo verde, ironwood, giant cactus. The soil on the level is adobe, and the greater part of it is covered with
- -	malpais rock; and no grass. The surface is cut with numerous shallow washes. There are a few miners cabins, but none occupied. No settlers. U.S.Surveyor.
	with numerous shallow washes. There are a few miners cabins, but none occupied. No settlers. <i>M.H.G. horr</i>
	with numerous shallow washes. There are a few miners cabins, but none occupied. No settlers. <i>M.H.G. horr</i>
	with numerous shallow washes. There are a few miners cabins, but none occupied. No settlers. <i>M.H.G. horr</i>

	Su	bdivision of Township 4 South, Range 15 West. 23	21(
[Chains.		
_		Survey commenced August 18, 1913, and executed with a Young and Son's light mountain transit No.8485, with Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single mines of arc, which is also the least count of the latitude and declination	
	,	 arcs. Note: For adjustment of the solar see notes of T.5 S., R.15 W., in Book "G." At 9h. Om. a.m., l.m.t., I set off 33° Ol¹/₂' N. on lat.arc; and 13°9¹/₂'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.5,6,31 and 32, on the south bdy.of the Tp., established by me, as de- scribed in Book "A." Thence I run, on a true line, N.0°03' W., bet. secs.31 	·
	31.50 40.00	and 32. Old road brs.N.25°W. Set an iron post 3 ft.long 1 in in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 31 on W half; S 32 on E half; and 1913 on S half; from which, A palo verde, 6 ins. in diam., bears S.57°E., 165 links dist., marked $\frac{1}{2}$ S 32 B T.	
-	45.50 46.00 80.00	A palo verde, 6 ins. in diam., bears N.12°25'W. 252 lks.dist., marked 5 31 B T. Phoenix and Yuma auto road brs. N.60°W. and S.60°E. Wash, 300 lks.wide, course SE. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for cor.of secs. 29,30,31 and 32, with brass cap, marked, T 4 S S 30 in NW., R 15 W S 29 in NE., S 32 in SE., and S 31 in SW.quadrants;	
		<pre>1913 on S.half; from which the only tree in limits: A palo verde, 8 ins. in diam., bears S.72°E., 168 lks.dist., marked T 4 S R 15 W S 32 B T. Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor. Land,level. Soil, volcanic ash, gravelly surface, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush.</pre>	
	·	East, on a random line, bet.secs.29 and 32.	
	80.02	Set temp. sec.cor. Intersect cor.of secs. 28,29,32 and 33. Thence I run, West, on a true line, bet. secs.29 and 32. Over level land, through scattering greasewood brush.	
	40.01	Wash, 150 lks.wide, course south. Set an ibon post 3 ft.long, 1 in. in diam., 26 ins. in the ground for tree.cor., with brass cap, marked, 1 S 29 on N.half; and S 32, 1913 on S'half; dig pits 18x18x12 ins., E.and W. of cor., 3 ft. dist., and raise a mound of earth 3 ft.base, 1 ft. high, N. of cor. Aug.18: At this cor.I set off \$3°7 ft.on the decl.arc; and at 12h 3m. 1.m.t., I observe the sun on the merie dian. the negulting late is 32° 02 ¹ N.	
	65.27 80.02	dian; the resulting lat.is 33° 022' N. Old road brs.NW. and SE. Cor.of secs.29,30,31 and 32. Land, level.	

BOOK 2701

 25,50,51 and 26, established by W.H.Thorn, U.S.Surveyor, as described in Book "B." Thence I run, N.89550"E., on a true line, bot. secs.30 and 31. Over level land, through scattering greasewood brush. 1.78 Encenix and Yuma auto road brs. N' 60°W. and S.60°E. 40.75 Est an iron post 3 fillong, 1 in in diam., 26 ins. in the ground, for \$ sec.or., with brass cap, marked, \$ \$ 30 on N.half; and \$ \$ 31, 1913 on S.half; 40 gits, 18x1821 ins., F and W.of cor., 3 ft. dist., and raise a mound of earth, 35 ft. base, 15 ft. high, Wash, 200 lks.wide, course SE. 64.28 Old road brs.N.10°W. and S.10°E. 71.78 Wash, 200 lks.wide, course S.20°E. 80.76 Cor. of secs.29,30,31 and 32. 80.78 Land, level. 80.10 road brs.N.10°W. and S.10°E. 71.78 Wash, 200 lks.wide, course S.20°E. 80.76 Land, level. 80.71 cor. secs.29,30,31 and 32. Land, level. 80.71 cor. secs.29,30,31 and 32. Land, level. 80.71 cor. secs.29,30,31 and 32. August 19, 1913: At 8h.0m. a.m., l.m.t., I set off 33° 02[±]/N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. 71 Thence I run, N. 0°0'3'W., on a true line, bet. secs.29 and 30. 80.00 Over level land, through scattering greasewood brush. 10.00 Old road brs.N.60°W. and S.60°E. 80.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for tsec.orr. with brass cap,marked, 1913 on S.half; 80.00 Set an iron post 3 ft.leng, 21 ins. in diam., 24 ins. in the ground for accessing 22.82 and 30. 80.00 Set an iron post 3 ft.leng, 21 ins. in diam., 24 ins. in the first a mound of earth 3[±]/3 ft. base, 1[±] ft. high, W of cor. 80.00 Set an iron post 3 ft.leng, 21 ins. in diam., 24 ins. in the first and 1.2913 on S.half; 80.00 Set an iron post 3 ft.leng, 21 ins.in diam., 24 ins. in the first a first and first and first and fi	•	Soil, volcanic ash, gravelly surface, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush.
 40.00 Set temp. 1 sec.cor. 50.76 Intersect west bdy.of Tp., 4 lks.north of the cor.of secs 25,30,31 and 36, established by W.H.Thorn, U.S.Surveyor, as described in Book "B." Thence I run, N. 39°56'E., on a true line, bet. secs.30 and 31. Over level land, through scattering greasewood brush. 1.78 Set an iron post 3 fileng, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 531, 1913 on S.half: and sise a mound of earth 32 file base, 12 fil		
 80.75 Intersect west bdy.of Tp., 4 lks.north of the cor.of sees 25,30,31 and 36, setablished by W.H.Thorn, U.S.Surweyor, as described in Book "B." Thence I run, N.89750"E., on a true line, bet. secs.30 and 31. Over level land, through scattering greasewood brush. Forenix and Yuma auto road brs. N'60"W. and S.60"E. 40.78 Set an iron post 3 ftlong, 1 in. in diam., 26 ins. in the ground, for \$sec.cor. with brass cap, marked,	lin on	
 N.89°58'E., on a true line, bet. secs.30 and 31. Over level land, through scattering greasewood brush. Hnoenix and Yuma auto road brs. N'60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for # sec.cor., with brass cap, marked, S 31, 1913 on S.half; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N.07 cor. Wash, 200 lks.wide, course SE. 60.78 Wash, 200 lks.wide, course S.20°E. 71.78 Wash, 200 lks.wide, course S.20°E. 80.78 Wash, 200 lks.wide, course dwith gravel, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 19, 1913: At Sh.0m. a.m., lm.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the selar, at the cor.of sece.29,30,31 and 32. Thence, I run, N.0°03'W., on a true line, bet. secs.29 and 30. 000 Over level land, through scattering greasewood brush. 10.00 Old road brs.N.60°W. and S.60°E. 80.50 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked,		Intersect west bdy.of Tp., 5 lks.north of the cor.of secs 25,30,31 and 36, established by W.H.Thorn, U.S.Sur- veyor, as described in Book "B."
 1.78 Phoenix and Yuma auto road brs. N°50°W. and S.60°E. 40.78 Set an iron post 3 ftlong, 1 in. in diam., 26 ins. in the ground, for 4 sec.or., with brass cap, marked, 4 S 30 on N.half; and S 31, 1913 on S.half; 41 g pits, 16x16x12 ins., E and W.of cor., 3 ft. dist., and raise a mound of earth, 35 ft. base, 12 ft. high, N.of cor. 60.78 Wash, 200 lks.wide, course SE. 60.78 Wash, 200 lks.wide, course S.20°E. 60.78 Wash, 200 lks.wide, course dwith gravel, 2nd rate. Timber, scattering greasewood brush. August 19, 1913: At Sh.0m. a.m., l.m.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°O'W., and S.60°E. 10.00 Over level land, through scattering greasewood brush. 10.00 Over level land, through scattering greasewood brush. 10.00 Over level land, through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level and, through scattering greasewood brush. 10.00 Over level and, through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level and, through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level and through scattering greasewood brush. 10.00 Over level, Arbits 21 ins., Naad S. of or., 3 ft. dist. and raise a mound of earth 32 ft. base, 12 ft. high, W of or. 10.00 Over level (S 10 NW', 193 on S-half; adg.phits-18x18x12 ins., 193 or or. 10.00	-	N.89°58'E., on a true line, bet. secs.30 and 31.
 dig pits, 18x18x12 ins., E and W-of cor., 3 ft. dist., and raise a mound of earth, 3 ft. base, 1 ft. high, N.of cor. Wash, 200 lks.wide, course SE. Old road brs.N. 10°W. and S.10°E. Yash, 200 lks.wide, course S.20°E. Cor. of secs.29,30,31 and 32. Land, level. Soil, volcanic, covered with gravel, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 19, 1913: At 8h.Om. a.m., 1.m.t., I set off 33° 02 % N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence, I run, N.0°03'W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. Old road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for f sec.or., with brass cap marked, 5 S 30 on W.half; S 29 on E.half; and 1 (19] for S. and 52. Set an iron post 3 ft.long, 2 ins.in diam., 24 ins.in the inground for cor. of castify.29 and 30. Set an iron post 3, ft.long.20 m. N. 1 ft. high, W Set an core of secs.19.29 and 30. Set an iron post 3, ft.long, 2 ins.in diam., 24 ins.in the inground for core of secs.19.20 m. 30. Set an iron post 3, ft.long.2 ins.in diam., 24 ins.in the inground for core of secs.19.20 and 30. Set an iron post 3, ft.long.1 in. in diam., 24 ins.in the inground for core of secs.19.20 and 30. Set an iron post 3, ft.long.1 in. in diam., 24 ins.in the inground for core of secs.19.20 and 30. Marked, 100, 100, 100, 100, 100, 100, 100, 10		Phoenix and Yuma auto road brs. N°60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¹ / ₄ sec.cor., with brass cap, marked, ¹ / ₄ S 30 on N.half; and
 60.78 Wash, 200 lks.wide, course SE. 64.28 Old road brs.N.10°W. and S.10°E. 80.78 Cor.of secs.29,30,31 and 32. Land,level. Soil, volcanic, covered with gravel, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 19, 1913: At 8h.0m. a.m., 1.m.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°W. and S.60°E. W0.00 Jrs.N.60°W. and settering jrs.S.60 jrs. in the settering jrs.N.60°E. W0.00 jrs.N.60°W. 		dig pits, 18x18x12 ins., E and W.of cor., 3 ft. dist., and raise a mound of earth, 3 ¹ / ₂ ft. base, 1 ¹ / ₂ ft. high,
 71.78 Wash, 200 lks.wide, course S.20°E. 80.78 Gor.of secs.29,30,31 and 32. Land,level. Soil, volcanic, covered with gravel, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 19, 1913: August 19, 1913: At 8n.0m. a.m., l.m.t., I set off 33° 02½¹N.on lat.arc; and 12°52¹N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°03¹W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. Old road brs.N.60°W. and S.60°E. W0.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 1 sec.oor., with brass cap,marked, 2 S 30 on W.half; S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and E. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Set an 20.0000 of sec.sec.sec.sec.sec.sec.sec.sec.sec.sec.	60.78 64.28	Wash, 200 lks.wide, course SE.
 Land, level. Soil, volcanic, covered with gravel, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 18, 1913. August 19, 1913: At 8h.0m. a.m., l.m.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence, I run, N.0°03'W., on a true line, bet. secs.29 and 30. Overn level land, through scattering greasewood brush. Old road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 3 S 30 on W.half; S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Setans2fteb pest 3, ft.leng, 2Eins.in diam., 24 ins.in the ground for cor. 6 secs.19,220,29 and 30, with brass cap, marked, 10.00 is 5.2 ft. dist., and raise.amound of learth 4 ft.base, 2 ft.high west of cor., from which, An Irönwöd 8 ins.in diam., brs.S.64½ew., 46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees. within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood. 	71.78	Wash, 200 lks.wide, course S.20°E.
<pre>Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 18, 1913. August 19, 1913: At 8h.0m. a.m., 1.m.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°03'W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. 01d road brs.N.60°W. and S.60°E.</pre> 10:00 Old road brs.N.60°W. and S.60°E. 40:00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for f sec.cor., with brass cap,marked, 5 S JO on W.half'S 29 on E.half; and 1915 on S.half; dig pits, 18x18x12 ins., Niand S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Set an iron post 3, ft.long,21ins.in diam.,24 ins.in the inground for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked, inc.dd, cor.dd Set sold for cor.of secs.19,20,29 and 30,with brass cap, marked for cor.of secs.19,20,20 and 30,with brass cap. Marked for cor.of secs.19,100,10	80.78	Land, level.
August 18, 1913. August 19, 1913: At 8h.0m. a.m., l.m.t., I set off 33° 02½'N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°03'W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. 01d road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 40.00 Set an iron post 3 ft.long, 20 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and E. of cor., 3 ft. dist. and raise a mound of earth 3± ft. base, 1± ft. high, W of cor. Setmenfort post 3, ftelong,2Eins.in diam.,24 ins.in the Higround for cor.of secsil9,20,29 and 30,with brass cap, marked, high SE, and waith the sector of secsil9,20,29 and 30,with brass cap, marked, high SE, and waith the sector of secsil9,20,29 and 30,with brass cap, marked, high SE, and waith the sector of secsil9,20,29 and 30,with brass cap, marked, sector of secsil9,20,29 and 30,with brass cap, marked, sector of secsil9,20,29 and 30,with brass cap, marked, sector of secsil9,20,29 and 50,with brass cap, marked, sector of secsil9, core from with the sector of secsil9, core of secsil9, core of secsil9, core, from which, An Irönwed 8 Ins.in diam., brs.S. 64½°W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironweod.		Timber, scattering palo verde and ironwood.
 At Sh. Om. a.m., 1.m.t., I set off 33° 02½ N. on lat.arc; and 12°52 N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N. 0°03 W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. 10.00 Old road brs. N. 60°W. and S. 60°E. Wo on a true for f sec.cor., with brass cap,marked, 3 S 30 on W.half; S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Sethan for cor.of secsilg 220,29 and 30, with brass cap, marked, 100,00 ft. Shalf; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Sethan for cor.of secsilg 220,29 and 30, with brass cap, marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. dist., and raise a mound of learth 4 ft.base, 2 ft.high west of cor., from which, An Hrönweed 8 Ins.in diam., brs.s. 64½ W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironweod. 		
 At Sh. Om. a.m., 1.m.t., I set off 33° 02½ N. on lat.arc; and 12°52 N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N. 0°03 W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. 10.00 Old road brs. N. 60°W. and S. 60°E. Wo on a true for f sec.cor., with brass cap,marked, 3 S 30 on W.half; S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Sethan for cor.of secsilg 220,29 and 30, with brass cap, marked, 100,00 ft. Shalf; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Sethan for cor.of secsilg 220,29 and 30, with brass cap, marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. Swiguadrants; Nued. Marked, 100,00 ft. dist., and raise a mound of learth 4 ft.base, 2 ft.high west of cor., from which, An Hrönweed 8 Ins.in diam., brs.s. 64½ W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironweod. 		
 At Sh. Om. a.m., 1.m.t., I set off 33° 02½ N. on lat.arc; and 12°52'N. on decl.arc; and determine a meridian with the solar, at the cor.of secs.29,30,31 and 32. Thence I run, N.0°03'W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. 10.00 Oter level land, through scattering greasewood brush. Old road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 3 S 30 on W.half; S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. Sethan for cor.of secsil9,220,29 and 30,with brass cap, marked, 10.0000 R 15 W S 20 in NE., in each sec.5½ ft. dist., and raise a mound of learth 4 ft.base,2 ft. dist., and raise a mound of learth 4 ft.base,2 ft.high west of cor., from which, An Irönwed 8 Ins.in diam., brs.S.64½°W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood. 		
Thence I run, N.0°03'W., on a true line, bet. secs.29 and 30. Over level land, through scattering greasewood brush. Old road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 3 S 30 on W.half;S 29 on E.half; and dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. Sethan 10° post 3, ft.long, 21 ins. in diam., 24 ins. in the ground for cor. of secsil9,220,29 and 30, with brass cap, marked, hc. dr., core of the sec. 5x 30 in NE., ff. dist., Scale in SE: and val. in each sec. 5x ft. dist., and raise a mound of leafth 4 ft.base, 2 ft.high west of cor., from which, An Irônweed 8 Ins.in diam., brs.S. 64½ W., 46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.	•	At Sh.Om. a.m., l.m.t., I set off 33° 02 ¹ / ₂ N.on lat.arc; and 12°52'N. on decl.arc; and determine a meridian
 10.00 Old road brs.N.60°W. and S.60°E. 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 4 sec.cor., with brass cap,marked, 3 S 30 on W.half; S 29 on E.half; and, 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3 ft. base, 1 ft. high, W of cor. 80.00 80.00 8ethan 100 pest 3, ft.long, 2 ins. in diam., 24 ins. in the inground for cor. of secs 19,20,29 and 30, with brass cap, marked, 1 course of secs 19,20,29 and 30, with brass cap, marked, 1 course of secs 19,20,29 and 30, with brass cap, marked, 1 course of secs 19,20,29 and 30, with brass cap, 1 ft. dist., sec 19,3 on S.half; we dig pits.l8x18x12 ins., in each sec.5 ft. dist., and raise a mound of learth 4 ft.base, 2 ft.high west of cor., from which, An Irônwed 8 Ins.in diam., brs.S. 64 to W., 46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood. 		Thence I run, N.0°03'W., on a true line, bet. secs.29 and 30.
 S 30 on W.half;S 29 on E.half; and 1913 on S.half; dig pits, 18x18x12 ins., N:and S. of cor., 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. 80.00 Sethan 200 post 3, ft.long, 2Eins.in diam., 24 ins.in the ground for cor.of seds 19220, 29 and 30, with brass cap, marked, house, 50, 50435 Sn1934n NW', R 15 W S 20 in NE., Sethan 3. Scape in SE; and well. S. Scape in Se; and raise a mound of learth 4 in the scape. S. Scape in Se; and raise a mound of learth 4 in the scape. S. Scape in Se; and in the scape. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood. 		Old road brs.N.60°W. and S.60°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
<pre>dig pits, 18x18x12 ins., N:and E. of cor., 3 ft. dist. and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, W of cor. Sethan 200 post 3, ft. long, 2 Lins. in diam., 24 ins. in the ground for cor. of secs 19,20,20 and 30, with brass cap, marked, http://www. R 15 W S 20 in NE., in each sec. 5¹/₂ ft. dist., and rule ft. base, 2 ft. dist., and raise a mound of learth 4 ft.base, 2 ft. high west of cor., from which, An ironwood 8 ins. in diam., brs. S. 64¹/₂ W., 46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.</pre>		S 30 on W.half; S 29 on E.half; and
 and raise a mound of earth 3½ ft. base, 1½ ft. high, % of cor. 80.00 Sethan 200 post 3, ft. long, 2E ins. in diam., 24 ins. in the ground for cor. of secs 19,20,29 and 30, with brass cap, marked, how does not set and the secs 19,20, TO43S Sn195 in NW., R 15 W S 20 in NE., R 15 W S 20 in NE., R 15 W S 20 in SE, and the secs 10,200 in SW quadrants; where the secs 10,000 is the secs 10,000 in SW quadrants; where the secs 10,000 is the secs 10,000 is	3.1	1, 1913 on S-half;
 80.00 Sethan Orell post 3, ftelong, 2Eins.in diam., 24 ins.in the ground for core of seds 19,20,29 and 30, with brass cap, marked, here ideas a set of seds 19,20,20, 29 and 30, with brass cap, marked, here ideas a set of s	<u>v</u> 2	and raise a mound of earth 35 ft. base, 15 ft. high, W
R 15 W S 20 in NE., R 15 W S 20 in NE., Sc29ein SE., and vel. Sc29ein Se., and vel. Sc29	80.00	Sethan 2000 post 3, ftolong, 2 lins. in diam., 24 ins. in the ground for cort of seds 19920, 29 and 30, with brass cap,
An Ironwood 8 Ins.in diam., brs. 5.64±°W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.	4	Computer sconald, 30435 Spil932n NW.,
in each sec.52 ft. dist., and raise a mound of learth 4 ft.base,2 ft.high west of cor., from which, An Ironwood 8 Ins.in diam., brs.S.6420W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.		it it weleade, Sca9e in dSE: thandavel. And rate
An Ironwood 8 Ins.in diam., brs.S.64 ¹ °W.,46 lks. dist., marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.		in each sec.52 ft. dist., and raise a mound of learth 4
dist.,marked T 4 S R 15 W S 30 B T. No other trees within limits. Land, level. Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.		
Soil, volcanic ash, surface covered with gravel, 2nd rate Timber, scattering pale verde and ironwood.		dist.,marked T 4 S R 15 W S 30 B T. No other trees within limits.
Undergrowth, scattering greasewood brush.	-	Soil, volcanic ash, surface covered with gravel, 2nd rate

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	BOOK	2701
 Chains	Subdivision of Township 4 South, Range 15 West, 25.	
40.00 79.98	East, on a random line, bet. secs. 20 and 29. Set temp. 1 sec., cor. Intersect cor. of secs. 20, 21, 28 and 29. Thence I run, West, on a true line, bet. secs. 20 and 29.	
15.98 39.99	Over Level land. Wash, 100 lks.wide, course south.	
79•98	<pre>dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Cor. of secs.19,20, 29 and 30. Land, level. Soil, volcanic ash, covered with gravel, 2nd rate. Timber, palo verde and ironwood. Undergrowth, scattering greasewood. Aug.19: At this corner I set off 12°48'N. on decl.arc; and at 12h.3m.1.m.t., I observe the sun on the meri- dian; the resulting lat.is 33° 03½'N.</pre>	
40.00 80.75	West, on a random line, bet. secs.19 and 30. Set temp.1 sec.cor. Intersect west bdy.of Tp., 3 lks.north of cor.of secs.19, 24,25 and 30, established by W.H.Thorn, U.S.Surveyor, as described in Book "B."	
10.75 24.75 40.75	<pre>Thence I run, N.89°59'E., on a true line, bet. secs.19 and 30. Over level land, through greasewood brush. Wash, 100 lks.wide, 2 ft. deep, course S.5° E. Wash, 100 lks.wide, 2 ft. deep, course south. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 19 on N.half; and</pre>	
55•75 80•75	S 30, 1913 on S.half; from which, A palo verde, 8 ins. in diam., brs.S.51 ² ° E., 123 lks.dist., marked 5 30 B T. A palo verde, 10 ins. in diam., brs.N.79 ¹ / ₂ °E., 82 lks.dist., marked 5 19 B T. Wash, 75 lks.wide, 1 ft. deep, course S.20°W. Cor.of secs.19,20,29 and 30. Land, level. Soil, 2nd rate, volcanic ash, covered with gravel. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush.	
 40.00	N.0°03'W., on a true line, bet. secs.19 and 20. Over level land. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 19 on W.half; S 20 on E.half; and	
51.00 80.00	 1913 on S.half; dig pits, 18x18x12 ins., N.and S. of cor., 3 ft. dist., and raise a mound of earth 3¹/₂ ft.base, 1¹/₂ ft. high, West of cor. Old road brs.NE. and SW. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.17,18,19 and 20, with brass cap, marked, T 4 S S 18 in NW., R 15 W S 17 in NE., 	

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BOOK 2701

 S 20 in SE., and S 19 in SW. quadrants; 1915 on Schaft; dig pits LSxlSxl2 ins., in each sec. 5% ft. dist., and reise a mound of earth 4 ft.base, 2 ft.high, west of cornor; from which, the only bearing tree within limits; An incrwood, 12 ins. in dian., brext S15 %. Soil, 2nd rate, volcanic ash; gravelly surface. Timber, scattering pale verds and incrwood. Undergrowth, scattering grassexood. August 20, 1913: East, on a random line, bet. secs.17 and 20. Weath, scattering pale verds and incrwood. Undergrowth, scattering pale verds and incrwood. Magust 20, 1913: East, on a random line, bet. secs.17 and 20. Weath, scattering pale verds and incrwood. Magust 20, 1913: East, on a random line, bet. secs.17 and 20. Weath, scattering pale verds and incrwood. Magust 20, 1913: East, on a random line, bet. secs.17 and 20. Weath, So lks,wide, 2 ft. banks, course south. 35.91 Nash, 50 lks,wide, 2 ft. banks, course south. 5.92 (10 read bra.NK'shad S3. 35.91 Wash, 50 lks,wide, 2 ft. banks, course south. S 20, 1913 on Schaff; from which, A pale verds, 56 lns. in diam., Dres.N.3d*E.,238 lks.dist., marked \$ 3 17 B T. An incrwood 2 in s. in diam., bres.N.3d*E.,238 lks.dist., marked \$ 17 B T. An incrwood is in pale verds and incrwood, scattering. Undergrowth, scattering greasexood brush. Soil, 2nd rates volcanic ash. Gravelly surface. Timber, pale verds and fromwood, scattering. Undergrowth, scattering greasexod brush. At 10h. 0m. a.m., i.m.t., I set off 33° 044¹N. on lat.arc; and 12°20¹N. on decl.arc; and detormine a meridiam with the solar at the cor.of secs.18 and 19. Weat, on a mand line, bet. secs.18 and 19. Weat, on a mand line, bet. secs.18 and 19. Weat, in a mark bine, bine, bet. secs.18 and 19. Weat, in a mark in the ort. Thence I rup. Heaved. The solar bine, bet. secs.18 and 19. Weat, 50 lks.wide, 5 ft.banks, course s.95°. Intersect wast bdy of Tp., 12 lks.north of cor.of secs. I 5 15, 13 was 20, oather. Thence I rup. Heavel. Soil was New Tr. Be as inforn post 5 ft		2701 Subdivision of Township 4 South, Range 15 West,	and the second
 S. 19 in SW. quadrants; 1915 on Srial; dig pits 1Sx18x12 ins., in each sec. 5% ft. dist., and reise a mound of earth 4 ft.base, 2 ft.high, west of corner; from which, the only bearing tree within limits; 28 lks.dist., marked T 4 S R 15 W S 18 B T. Land, level. Soil, 2nd rate, volcanic ash; gravelly surface. Tinber, scattering pale verds and ironwood. Undergrowth, scattering grassewood. August 19, 1917. August 20, 1913: Bast, on a random line, bet. secs.17 and 20. Set temp.? sec.cor. 79.91 Intersect N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. Thereact N and S. line, 11 lks.south of cer.of secs.16, 17,21 Wash, 50 lks.wide, 2 ft. banks, course south. 35.975 Set an iron post 3 ft.long, 1 in. in diam., 16 ins. in 18. 20, 1921 on S.half; from which, A pole worde, 36 ins. in diam., brs.N.34°E.,238 18. dist., marked 2 S 20 B T. 7.91 Gor.of secs. 37,16,19 and 20. 18. dist., marked 2 S 20 B T. 7.91 Gor.of secs. 37,16,19 and 20. 18. dist., marked 5 20 B T. 7.91 Gor.of secs. 37,16,19 and 20. 19. J. 2nd rate, volcanic ash. Gravelly surface. Timber, palo worde and ironwood, scattering. Ind 12230'N. on decl.aro; and detering. Indergrowth, scattering greassecod brush. 41 Oh. On. a.m., l.m.t., I set off 33° 04½'N. on litare; and 1230'N. on decl.aro; and detering. Indergrowth, scattering greassecod brush. 41 Oh. On. a.m., l.m.t., I set off 33° 04½'N. on litare; and store, on a random line, bet. secs.18 and 19. 0.05 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 15, 18,19 and 24., estab.dy W.H.Thorm,US.Surveyor, as de- 16. Set temp.;	Unains		
 1913 on Schaff; dig pits 1923(8x2 ins. in each sec. 5% ft. diet., and raise a mound of earth 4 ft.base, 2 ft.high, west of corners; from which, the only bearing tree within limits; An ironwood, 12 ins. in dian., brs.N1 815%, B T. Soil.2nd rate, volcanic ash; gravelly surface. Timber, scattering pale verds and ironwood. Undergrowth, scattering greasewood. August 19, 1913. 40,000 Set temp.; score.; 17,20 and 21. Thersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 23. Gir cad brs.iff and SW. 25.91 Wash, 50 lks.wide, 2 ft. banks, course south. 5.95 set an iron post 3 ft.long, 1 in. in diam. 26 ins. in the ground, for f sec.cor, with brease cap, marked, 5 Sol resc. With J and S 20, 1913 on Schaff; from which, A A pale verde; 36 ins. in diam., brs.N.30°E.238 Iks.dist., marked is 2 O B T. An ironwood 12 its. in diam., brs.N.30°E.238 Iks.dist., course south. Cor.of secs. W7,16,19 and 20. Iks.dist., course south. Cor.of secs. W7,16,19 and 20. Iks.dist. our secs.17,18,19 and 20. There I run, West, on a random line, bet. secs.18 and 19. Soll, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. A t loh. Om. a.m., l.m.t., I set off 33° 04½ 5. on lat.arc; and 12°50 M. on decl.arc; and determine a meridian with the solar at the cor.of secs.17, 18, 19 and 20. There I run, West, on a random line, bet. secs.18 and 19. Over level land. Sottemp.; scottering greasewood brush. Sottemp.; scottering, if the secs.18 and 19. Over level land. Sottemp.; scottering scotter, scotter south, 25 18, 00 N.haif; and 3 19, 1913 on Schaif; dig pits 18318X12 ins., Frank M. of co	·	S 20 in SE., and	
<pre>dig pits 18x18x12 ins., in each sec. 5% ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, west of corner; from which, the only bearing tree within limits: An ironwood 12 ins. in dism, brenx 815*W. 238 ks.dist., marked T 4 S R 15 W S 18 B T. Land,level. Soll 2nd rate, volcanic ash; gravelly surface. Timber, scattering pielo verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913: East, on a random line, bet. secs.17 and 20. Set tomp.¹/₂ sec.cor.1 79.91 Intersect W and S. line, 11 lks.south of cer.of secs.16, 17,20 and 21. There i run, 5.97 Set tomp.¹/₂ sec.cor. (over level hand. 17,20 and 21. There i run, 5.99 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for \$ sec.cor. with brass cap, marked, 5.91 Wash, 50 lks.wide, 2 ft. banks, course south. 3.91 Oiks.WF and 5% 3.93 Wash, 50 lks.wide, 2 ft. banks, in diam., brs.N.3½°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.3½°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.3½°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.3½°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.3½°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.3½°E.,238 lks.dist., carked 1 S 20 B T. Hand, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., l.m.t., I set off 35° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a maridiam with the solar at the cor.of secs.l? Ald.J3 and 20. Land, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush.</pre>			
<pre>raise a mound of earth 4 ft.base, 2 ft.htgh, west of conner; from which, the only bearing tree within limits: An ironwood, 12 ins. in diam. brs.N1 315W. 238 lks.dist., marked T 4 S R 15 W S 18 B T. Soil.2nd rate, volcanic ash; gravelly surface. Timber, scattering pelo verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. 5 (17,20 and 21. Thereset N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thereset N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thereset N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thereset N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thereset N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thereset S. Souther S. South. South S. Souther S. South. South S. Souther S. South. South S. Souther S. South. South S. Souther S. Souther S. South. South S. Souther S. South. South S. Souther S. South. South S. Souther S. South. Souther S. Souther S. South. Souther S. Souther S. South. South S. Souther S. Souther S. Souther S. Souther S. South. South S. Souther S. So</pre>			
 corner; from which, the only bearing tree within limits: An ironwood, 12 ins. in diam., brs.N 8 015 W. 5 18 B T. 238 Ms.dist., marked T 4 S R 15 W S 18 B T. Soll, 2nd rate, volcanic ash; gravelly surface. Timber, scattering pelo verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. Set temp.‡ sec.cor. Thereact M and S. line, 11 Ms.south of cor.of secs.16, 17,20 and 21. Thereact M and S. line, 11 Ms.south of cor.of secs.16, 17,20 and 21. Set temp.‡ sec.cor. There 4 run. Sec.9955 W., on a true line, bet. secs.17 and 20. Over level land. Jold road brs.NF and SK. 25.91 Wash. 50 Ms.wide, 2 ft. banks, course south. S 20, 1913 on S.half; from which, A pale verde 35 ins. in diam., brs.M.32*E.,238 Ms.M. 50 Ms.wide, 2 ft. banks, course south. S 20, 1913 on S.half; from which, A pale verde 35 ins. in diam., brs.M.32*E.,238 Ms.f. 50 Ms.wide, 2 ft. banks, course south. S 20, 1913 on S.half; from which, A pale verde 35 ins. in diam., brs.S.184*W.,200 With State, marked \$ S 17 B T. An ironwood, 12 ins. in diam., brs.S.184*W.,200 With Soil secs. N7,16,19 and 20. Land, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 35° 04½*N. on lat.arc; and 12°30*N. on decl.arc; and determine a meridian with the solar at the cor.of secs.18 and 19. Set temp.‡ sec.cor. 80.65 Intersect west bdy.of Tp., 12 Ms.north of cor.of secs. 15, 13, 19 and 24. estab.by W.H. Thorn, DiS.Surveyor, as de- Tacribed.ing Book "B. Theme I run, N.89°55*E., on a true line, bet. secs.18 and 19. Set temp.‡ sol. Sort. 80.65 Intersect west bdy.of Tp., 12 Ms.north of cor.of secs. 15, 13, 19 and 24. estab.by W.H. Thorn, DiS.Surveyor, as de- Tacribed.ing Book "B. "Theme I run, N.89°55*E. jon a true line, bet. secs.18 and 19. Set temp.‡ Subd.2. Sollar, and woff cor. 5 ft. dist., and raise a mound of earth 35 ft. ba		dig pits 18x18x12 ins., in each sec. 52 ft. dist., and	
 An ironwood, 12 ins. in diam. brs.N. 31.2W., 238 1ks.dist., marked T 4 S R 15 W S 18 B T. Iand, level. Soil.2nd rate, volcanic ash; gravelly surface. Timber, scattering pale verds and ironwood. Undergrowth, scattering greasewood. August 20, 1913: Bast, on a random line, bet. secs.17 and 20. Set tomp.; secore. Set tomp.; secore. There W and S. line, 11 lks.scuth of cor.of secs.16, 17,20 and 21. There W and S. line, 11 lks.scuth of cor.of secs.16, 17,20 and 21. There W and S. line, 11 lks.scuth of cor.of secs.16, 17,20 and 21. There I run, S.89755 W., on a true line, bet. secs.17 and 20. Over level land. Joy or level land. Set an from post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f secore. in with brass cap, marked, 5 20, 1932 on S.haff; from which, A pale verde, 36 ins. in diam., brs.N.35°E., 238 lks.dist., marked 5 17 T. An fromwood, 12 ins. in diam., brs.N.35°E., 239 lks.dist., marked 5 20 T. Wash, 50 lks.wide, 2 ft. banks, course south. Cor. of secs. W7,18,19 and 20. Land level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., l.m.t., I set off 33° Oldy'k. on lat.arc; and 12°30'h. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. There I run, West on a rundom line, bet. secs.18 and 19. Oo Set temp. sector. Soid an indow line, bet. secs.18 and 19. Soid and 19. and 24., so there I run, N.89°57'E., on a true line, bet. secs.18 and 19. Soid and 24, so the of T., 12 lks.north of cor.of secs. 15, 13, 19 and 24., stab.bw W.H.Thorn,USS.Surveyor, as de There is a mound of exth 35 ft. banks, course s.5'E. Soid and nots 3 ft.long, 1 ln. in diam., 26 ins. in the ground, for 4 sec.ocy, with brass cap, ma		raise a mound of earth 4 ft.base, 2 ft.high, west of	
 238 ks.dist., marked T 4 S R 15 W S 18 B T. Soil 2nd rate, volcanic ash; gravelly surface. Timber, scattering ple verds and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. Section 2. Second. 40.00 Set temp.3 second. 11 Intersect N and S. line, 11 ks.south of cor.of secs.16, 17,20 and 21. Thence 1 run, Sc39755W., on a true line, bet. secs.17 and 20. Over level land. 35.91 Wash, 50 ks.Wide, 2 ft. banks, course south. St an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for T sec.cor, with brease cap, marked, 5 Sc3975 W., and SW. 35.91 Wash, 50 ks.Wide, 2 ft. banks, course south. St an iron post 3 ft.long, 1 in. in diam., 16 ins. in the ground, for T sec.cor, with brease cap, marked, 5 Sc30, 1913 on Schaff; from which, A pale verde; 36 ins. in diam., bers.N.32°E.,238 iks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., bers.N.32°E.,238 iks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., bers.N.182°E.,200 iks.dist., marked 3 S 20 B T. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 41 10h. Om. a.m., l.m.t., I set off 35° Ol¹/₂¹. on lat.arc; and 12°50'N. on declarc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, Test, on a random line, bet. secs.18 and 19. Soft, 100 lat.wide, 2 ft.banks, course south. 40.00 Set temp.5 sec.cor. 80.63 Intersect weat bdy.of Tp., 12 lks.north of cor.of secs. 15, 18,19 and 24.cetab.by W.H. Thorn,US.Surveyor,as de- metoribed in Book "B." Thence I run, Test, on a random line, bet. secs.18 and 19. Over ievel land. 16 S 18 on K.half; and 3 S 19, 193 on Schaff; and 3 S 19, 1			
 Land, level. Soil. 2nd rate, volcanic ash; gravely surface. Timber, scattering pale verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913! Bast, on a random line, bet. secs.17 and 20. Set temp.? secore. 79.91. Intersect N and S. line, ll lks.south of cor.of secs.16, 17,20 and 21. Thence I run, S. 2000. Set an from post 5 ft.long, l in. in diam., 26 ins. in the ground, for f secore. 39.955. Set an iron post 5 ft.long, l in. in diam., brs.N.38°E., 238 11.91. Yang, for f secore. 12.91. Yang, for f secore. 13.91. Wash, 50 lks.wide, 2 ft. banks, course south. 20.01. 12. on N.half; and S. 20.1. 13. on diam., brs.N.38°E., 238 14.91. Wash, 50 lks.wide, 2 ft. banks, course south. 15.20. 12.30 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.38°E., 238 14.91. Wash, 50 lks.wide, 2 ft. banks, course south. 70.91. Corof secs. 47,16,19 and 20. Land level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 100. Om. a.m., l.m.t., I set off 33° 04½'i. on lat.arc; and 12°30'N. on declarc; and determine a meridian with the solar at the cor.of secs.17,16,19 and 20. Thence I run. West, on a random line, bet. secs.18 and 19. Undergrowth, scattering greasewood brush. As 19,19 and 24.55 th. secs.05 and 19. 10.00 Set temp. sec.cor. 15,19 and 24.55 th.set secs.18 and 19. 16.59 55 th. on a true line, bet. secs.18 and 19. 17.65 Wash, 100 lks.widd, 3 ft.banks, course 5.5°E. 16.59 and a functione, 11.0. in diam., 26 ins. in the ground, for 4 sec.cof, with brass cap, marked, 3 sign 19. 17.65 Wash, 100 lks.widd, 3 ft.banks, course s.19 and 19. 17.65 Wash 100 lks.widd, 3 ft.banks, cour	•		
 Soll,2nd rate, volcanic ash; gravelly surface. Timber, scattering plao verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. 40.00 Set temp.4 sec.cor. 79.91 Intersect N and S. line, ll lks.south of cor.of secs.16, 17.20 and 20. Thersect N and S. line, ll lks.south of cor.of secs.16, 17.20 and 20. Thersect N and S. line, ll lks.south of cor.of secs.16, 17.20 and 20. Sec. Sec. 17. 10. 9.91 Old road broins.NS and SW. 25.91 Wash, 50 lks.wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, l in. in diam., Drs.N. 35^oE., 238 lks.dist., marked 2 S 17 B T. An forwood, l2 ins. in diam., brs.N. 15^oE., 238 lks.dist., marked 2 S 17 B T. An forwood, l2 ins. in diam., brs.S. 16^bow, 200 lks.dist., marked 2 S 17 B T. An forwood, l2 ins. in diam., brs.S. 16^bow, 200 lks.dist., marked 2 S 10 B T. 10.91 For secs. 27, 18, 19 and 20. There I run, 79.91 Cor.of secs. 27, 18, 19 and 20. Indergrowth, scattering greasewood brush. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. 27, 18, 19 and 20. Indergrowth, scattering greasewood brush. 41.91 Wash, on a cam., l.m.t., I set off 33^o 04^b/M. on lat.arc; and 12^o30^M. on decl.arc; and determine a meridian with the solar at the cor.of secs.17, 18, 19 and 20. There I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.5 sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 17. 18, 19 and 24., setab.bw W.H.Thorn, US.Surveyor,as de- meroffed in Book "8." Thence I run. K.69555 E. on a true line, bet. secs.18 and 19. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for the secories. With brass cap, marked, 3 S 18 on N.half; and 3 S 19, 001 ks.wide, 2 ft.banks, course south. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for the secories. With brass cap, marked, 3 S 19, 07 N.half; and 3 S 19, 07 N.half; and 3 S 19, 07 N.half; and 3 S	4		
<pre>Timber, scattering pale verde and ironwood. Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. Set temp. sec.cor.i 79.91 Intersect N and S. line, 11 lks.south of cer.of secs.16, 17,20 and 20. There i run, 5.89°55'W., on a true line, bet. secs.17 and 20. Over level land. 5.91 Wash, 50 lks.wide, 2 ft. banks, course south. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 5.93 Wash, 50 lks.wide, 2 ft. banks, course south. 5.93 Wash, 50 lks.wide, 2 ft. banks, course south. 5.94 Not for 1 sec.cor. with brass cap, marked, ft renvo. 1 for 1 sec.cor. with brass cap, marked, ft renvo. 1 2 ins. in diam., brs.3.18¹/₂W.,200 lks.dist., marked 2 S 17 S T. An ironwood, 12 ins. in diam., brs.3.18¹/₂W.,200 lks.dist., marked 2 S 20 B T. Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. 17,16,19 and 20. Land,level. Soil, 2nd rate, volcanic ash. Gravelly surface. Timber, pale verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 44 10h. 0m. a.m., l.m.t., I set off 33° 04¹/₂N. on lat.arc; and 12°30°N. on dscl.arc; and determine a maridian with the solar at the cor.of secs.17,18,19 and 20. There I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.j sec.cor. 12, 18,19 and 24.cetab.bW w.H.Thorn,US.S.Wreyor,as de- rasorbed in Book "B." Thenee I run, N.89°55'E, on a true line, bet. secs.18 and 19. 40.63 Set am iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for jsec.cof. with brass cap, marked, j 5 18 on N.half; and S 19, 1913 on Shalf; dig pits 18x18x12 ins., Frand W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 12 ft. high, morth of cor. 78.13 Wash, 50 lks.wide, 2 ft. deeg, course south. 60.65 Cor.of secs.17, 16, 19 and 20. Land,level. 50.65 Sot arise in bulk.di 2 ins. Frand W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 12 ft. high, morth of cor. 78.13 Wash, 50 lks.wide, 2 ft. deeg, course south. 60.65 Cor.of secs.17, 16, 19 and 20. Land,level. 50.64 Bor.stering</pre>			
 Undergrowth, scattering greasewood. August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. 40.00 Set temp.; sec.cor.i 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 23. Thence I run, S. 89955¹⁸., on a true line, bet. secs.17 and 20. Over level land. 39.955 Set an iron post 3 (t.long, 1 in. 1 diam., 26 ins. in the ground, for i sec.cor., with prass cap, marked, 5 20, 1913 on S.half; and S. 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked i S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,16,19 and 20. Lks.dist., marked i S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,16,19 and 20. Lks.dist., marked i S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 70.91 Cor.of secs. M7,16,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, pale verde and ironwood, scattering. Undergrowth, scattering greaserood brush. At 10h. Cm. a.m., l.m.t., I set off 33° 04½¹N. on lat.are; and 12°20¹N. on decl.arc; and determine a maridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a rendom line, bet. secs.18 and 19. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 16, 19 and 24.estab.by W.H.Thorn,US.S.Surveyor, as de- aucribed in Book "2." Thence I run, N.8955¹⁵E. on a true line, bet. secs.18 and 19. 80.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for i sec.cor, with brass cap, marked, i S 18 on N.half; and S 19, 1913 on S.half; 81 on N.half; and i S 19, 1913 on S.half; 81 on N.half; and i S 19, 1913 on S.half; 80.65 Cor.of secs.17, 16, 19 and 20. 76.76 Secs.17, 16, 19 and 20. 77.61 Wash, 50 lks.wide, 2 ft.deep, course south. 80.65 Cor.of secs.17, 16, 19 and 20	•		
 August 19, 1913. August 20, 1913: East, on a random line, bet. secs.17 and 20. Set temp.2 sec.cor.! 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 20. Over level land. 79.91 Intersect N and S. Jine, 11 lks.south of cor.of secs.16, 17,20 and 20. Over level land. 79.91 Intersect N and S. Jine, 11 lks.south of cor.of secs.16, 17,20 and 20. Over level land. 79.95 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \$ec.cor. with brass cap, marked, 5 20, 1913 on Shalf; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 A. ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked \$ S 20 B T. Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Ks.wide, 2 ft. banks, course south. 79.92 Cor.of secs. M7,16,19 and 20. Land,level. Scil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 44.10h. Gm. a.m., l.m.t., I set off 35° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,16,19 and 20. Theree I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.5 sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 17, 18,19 and 24. 74.65 Wash, 100 lks.wide, 5 ft.long, 1 in. in diam., 26 ins. in the ground, for fsec.os. With Brass cap, marked, \$ 5, 913 on Shalf; and 19. 60.65 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for fsec.os. With Brass cap, marked, \$ 19, 1913 on Shalf; and 19. 64.65 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for fsec.os. With Brass cap, marked, \$ 19, 1914 on Shalf; and \$ 19, 1915 on Shalf; 65 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for fsec.os. With Brass cap, marked, \$ 19, 1914 on Shalf; and and \$			
 August 20, 1913: East, on a random line, bet. secs.17 and 20. 40.00 Set temp.4 sec.cor.i 79.91 Intersect N and S. line, ll lks.south of cor.of secs.16, 17.20 and 24. Thence I run, S. 69755¹⁸, on a true line, bet. secs.17 and 20. Over level land. 79.91 Old road bra.NNF and SW. 79.91 Name, 50 lks.wide, 2 ft. banks, course south. 79.9255¹⁸, on a true line, bet. secs.17 and 20. Over level land. 79.91 Old road bra.NNF and SW. 79.91 Old road bra.NNF and SW. 79.91 On robot 3 ft.long, 1 in. in diam., 26 ins. in the ground, for fsco.cor., with brass cap, marked, 5 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.3frE., 238 lks.dist., marked \$ S 10 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7.16,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., l.m.t., I set off 33⁶ 04¹/₂¹N. on lat.arc; and 12°30⁰N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17, 18,19 and 20. Thence I run, Wost, on a rendom line, bet. secs.18 and 19. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor, as de- augurbed in Book "E." Thence I run, N.8955¹⁵E. on a true line, bet. secs.18 and 19. 80.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f.sec.cog. With Drass cap, marked, \$ 19, 1913 on S.half; dig pits 18x18x12 ins., Brand w.of cor. 3 ft. dist., and raise a mound of earth 3²/₂ ft. base, 1¹/₂ ft. high, north of ceri. 81.60 N.half; and S 19, 193 on S.half; 82.61 greater, 2 ft. deep, course south. 80.65 Cor.of secs.17, 16, 19 and 20. 86.65 Cor.of			
 Bast, on a random line, bet. secs.17 and 20. 40.00 Set temp. sec.cor.i 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thence I run, S.89°55[W., on a true line, bet. secs.17 and 20. Over level land. 3.91 Old road bra.NE*and SW. 3.95 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor. with brass cap, marked, 1 S 17 on N.haff; and S 20, 1913 on S.half; iron which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked ± S 17 B T. An ironwood, 12 ins. in diam., brs.N.32°E.,238 lks.dist., marked ± S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,16,19 and 20. Land level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 41.00. Om. a.m., 1.m.t., I set off 33° Ol4½"N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.t sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24. estab.by W.H. Thorn,UfS.Surveyor,as de- asoriped in Book "E." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 40.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ½ sec.cor. 81 on N.half; and 3 19, 1913 on S.half; dig pits 18x18x12 ins., Erand W.of cor. 3 ft. dist., aft as is 19, 1913 on S.half; dig pits 18x18x12 ins., Brand W.of cor. 3 ft. dist., aft as is 19, 1913 on S.half; dig pits 18x18x12 ins., Brand W.of cor. 3 ft. dist., and raise a mound of earth 32 ft. base, 12 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.65 Cor.of secs.17, 16, 19 and 20. Land, level. Soil, 2Ad rate. Volcanic ash; gravelly surface. Timber, scattering pale verde and ironwood; greasewood brush.<td></td><td></td><td></td>			
 Bat, on a random line, bet. secs.17 and 20. 40.00 Set temp. sec.cor.i 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thence I run, S.89°55[W., on a true line, bet. secs.17 and 20. Over level land. 3.91 Old road bra.NE*and SW. 3.91 Old road bra.NE*and SW. 3.92 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 2 S 17 on N.half; and S 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.32°E.,238 lks.dist., marked 2 S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Gor.of secs. M7,16,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 41 On. Om. a.m., 1.m.t., I set off 33° Ol42'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 St temp.* sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 15, 18,19 and 24. ostab.by W.H. Thorn,UfS.Surveyor,as de- Tamoriped in Book "E." Thence I run, N.89°55'E. on a true line, bet. secs.18 and 19. 40.63 St temp.* sec.cor. 816 on M.half; and 2 S 19, 1913 on S.half; and raise a mound of earth 3 th. brass cap, marked, 2 S 19, 1913 on S.half; dig pits 18x18x1821 ins. ft. diam., 26 ins. in the ground, for 1 sec.cof., with brass cap, marked, 2 S 19, 1913 on S.half; dig pits 18x18x1821 ins., E-and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 12 ft. high, north of cor. 78.13 Wash, 100 lks.wide, 2 ft. desp, course south. 80.65 Cor.of secs.17, 16, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering pale verde and ironwood; greasewoo			
 Bat, on a random line, bet. secs.17 and 20. 40.00 Set temp. sec.cor.i 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thence I run, S.89°55[W., on a true line, bet. secs.17 and 20. Over level land. 3.91 Old road bra.NE*and SW. 3.91 Old road bra.NE*and SW. 3.92 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 2 S 17 on N.half; and S 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked 2 S 17 B T. An ironwood, 12 ins. in diam., brs.N.32°E.,238 lks.dist., marked 2 S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Gor.of secs. M7,16,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 41 On. Om. a.m., 1.m.t., I set off 33° Ol42'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 St temp.* sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 15, 18,19 and 24. ostab.by W.H. Thorn,UfS.Surveyor,as de- Tamoriped in Book "E." Thence I run, N.89°55'E. on a true line, bet. secs.18 and 19. 40.63 St temp.* sec.cor. 816 on M.half; and 2 S 19, 1913 on S.half; and raise a mound of earth 3 th. brass cap, marked, 2 S 19, 1913 on S.half; dig pits 18x18x1821 ins. ft. diam., 26 ins. in the ground, for 1 sec.cof., with brass cap, marked, 2 S 19, 1913 on S.half; dig pits 18x18x1821 ins., E-and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 12 ft. high, north of cor. 78.13 Wash, 100 lks.wide, 2 ft. desp, course south. 80.65 Cor.of secs.17, 16, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering pale verde and ironwood; greasewoo			
 Bat, on a random line, bet. sees.17 and 20. 40.00 Set temp. sec.cor. 79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Thence I run, S.89°55[W., on a true line, bet. sees.17 and 20. Over level land. 3.91 Old road br3.NE*and SW. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 2 sec.cor., with brass cap, marked, \$20, 1913 on S.half; and \$20, 1913 on S.half; and \$20, 1913 on S.half; from Which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked \$ S 17 B T. An ironwood, 12 ins. in diam., brs.N.32°E.,238 lks.dist., marked \$ S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,16,19 and 20. Land,level. Soil, 2nd rate, volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 100. Om. a.m., 1.m.t., I set off 33° 0442'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 St temp.* sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 15, 18,19 and 24. estab.by W.H.Thorn,UfS.Surveyor,as de- Tamorlpeding Book "E." Thence S.5°E. 80.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cof., with brass cap, marked, \$ 19, 1913 on S.half; dig pits 18x18x1821 ins., Erand W.of cor. 3 ft. dist., and raise a mound of earth 38 ft. base, 12 ft. high, north of cor. 81.6 On M.half; and 81.6 N.half; and 81.6 N.half; and 80.65 Cor.of secs.17, 16, 19 and 20. Land, level. 80.65 Jt. 2 Aft rate. Volcanic ash; gravelly surface. 80.65 Land, are. 81.9 and 24. estab.gravelly surface. 80.65 Land, are. 91.9 and 24. St.ex.cor 			
 40.00 Set temp.¹/₂ sec.cor.¹ [79.9] Intersect N and S. line, 11 lks.south of cor.of secs.16, 17,20 and 21. Trence I run, Sc30°55¹⁰, on a true line, bet. secs.17 and 20. Over level land. 39.91 Old road bra.NE and SW. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f sec.cor., with brass cap, marked, TS 17 on N.half; and S. 20, 1915 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.35°E.,238 lks.dist., marked 1 S 20 B T. An ironwood, 12 ins. in diam., brs.S.18½°W.,200 lks.dist., marked 1 S 20 B T. An ironwood, 12 ins. in diam., brs.S.18½°W.,200 lks.dist., marked 1 S 20 B T. An ironwood, 12 ins. Gravelly surface. Timber, pale verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., l.m.t., I set off 35° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 15, 13,19 and 24., estab.by W.H.Thorn,US.S.Surveyor,as de- Tacorfbedrin Book "E." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cof. with brass cap, marked, 3 5 19, 1913 on S.half; and 3 19, 1913 on S.half; dig pits 18NEM21 Ins., F.and W.of cor. 3 ft. dist., and raise a mound of earth 3² ft. base; 1³ ft. high, north of cer. 80.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cof. with brass cap, marked, 3 19, 1913 on S.half; and 3 19, 1913 on S.half; 3 20, 12, 2⁴ rise Volcanic ash; gravelly surface. Timber, scattering pale verde and ironwood; greasewood brush. 			
<pre>79.91 Intersect N and S. line, 11 lks.south of cor.of secs.16,</pre>	_		
<pre>17,20 and 21. Thence I run, S:89°55'W., on a true line, bet. secs.17 and 20. Over level land. 35.91 Wash, 50 lks,wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \$ sec.cor., with brass cap, marked,</pre>			
<pre>Thence I run, S.89°55'W, on a true line, bet. secs.17 and 20. Over level land. 3.91 Old road brs.NF and SW. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 3 St 17 on N.half; and S 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked ± S 17 B T. An ironwood, 12 ins. in diam., brs.N.32°E.,238 lks.dist., marked ± S 20 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked ± S 20 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked ± S 20 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked ± S 20 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked ± S 20 B T. An ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 35° 04½'N. on lat.arc; and 12°50'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.± sec.cor. Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de TaxerIDed:In Bock "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 0ver level land. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ½ sec.cor. with brass cap, marked, ± S 18 on N.half; and S 19, 1913 on S.half; dig pits l&xl&21 ins., B.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Kand, level. 80.64 Cor.of secs.17, 18, 19 and 20. Kand, level. 80.65 Jks.wide, 2 ft. deep, course south. 80.65 Land, level. 80.65 Land and an an and an and an and</pre>	79.91		
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 3.91 Old road bra.NS'and SW. 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f sec.cor., with brass cap, marked, f S 17 on N.half; and S 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.3¹/₂°E.,238 lks.dist., marked f S 17 B T. An ironwood, 12 ins. in diam., brs.S.18¹/₂°W.,200 lks.wide, 2 ft. banks, course south. 79.91 Gor. of secs. N7,16,19 and 20. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor. of secs. N7,16,19 and 20. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor. of secs. N7,16,19 and 20. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor. of secs. N7,16,19 and 20. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor. of secs. N7,16,19 and 20. 41.01, low. a.m., l.m.t., I set off 33° 04¹/₂ N. on lat.arc; and 12°50'N. on decl.arc; and determine a meridian with the solar at the cor. of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24. estab.by W.H. Thorn,US.Surveyor, as demonstrated with line, bet. secs.18 and 19. 90.00 Set temp.f sec.cof. Theore I run, N.89°55 E., on a true line, bet. secs.18 and 19. 90.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f secs.of., with brass cap, marked, 15 18 and N.half; and S 19, 1913 on S.half; and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cer. 78.13 Wash, 100 lks.wide, 2 ft. deep, course south. 80.65 Cor. of secs.17, 16, 19 and 20. 18.65 Jks.wide, 2 ft. deep, course south. 80.65 Cor. of secs.17, 19 and 20. 19. a		S.89.55 W., on a true Line, bet. secs.17 and 20.	
 35.91 Wash, 50 lks.wide, 2 ft. banks, course south. 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f sec.cor., with brass cap, marked, f S 17 on N.half; and S. 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked f S 17 B T. An fronwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked f S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. \$7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., l.m.t., I set off 33° 04½ N. on lat.arc; and 12°50 N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp.f sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24., estab.by W.H. Thorn,US.Surveyor,as derawing. Wash, 100 lks.wide, 5 ft.banks, course S.5°E. 40.65 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for f sec.cof., with brass cap, marked, f 19, 1913 on S.half; and S 19, 1913 on S.half; and R 19, 00 ks.wide, 2 ft. deep, course south. 78.15 Wash, 50 lks.wide, 2 ft. deep, course south. 60.65 Cor.of secs.17, 16, 19 and 20. Land, level. 60.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for f sec.cof., with brass cap, marked, is 18 on N.half; and S 19, 1913 on S.half; and R alse a mound of earth 32 ft. base, 12 ft. high, north of cor. 78.15 Wash, 50 lks.wide, 2 ft. deep, course south. 60.63 Cor.of secs.17, 16, 19 and 20. Land, level. <li< td=""><td>7 0-</td><td></td><td></td></li<>	7 0-		
 39.955 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \$ sec.or., with brass cap, marked, \$ \$ 17 on N.half; and \$ \$ 20, 1915 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked \$ \$ 17 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked \$ \$ 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. \$7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. 41.91 West, on a random line, bet. secs.18 and 19. 40.00 Set temp. \$ sec.or. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18, 19 and 24., estab.by W.H.Thorn,US.S.urveyor,as demonstration. 14.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \$ sec.or. 80.65 Intersect. 81.60 N. half; and W.G. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			
 the ground, for \$ sec.cor., with brass cap, marked, \$\$ 20, 1913 on S.half; and \$\$ 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.3½°E.,238 Iks.dist., marked \$\$ 17 B T. An ironwood, 12 ins. in diam., brs.S.18½°W.,200 Iks.dist., marked \$\$ 20 B T. 41.91 Wash, 50 Iks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. h7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., 1.m.t., I set off 33° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.‡ sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,US.Surveyor,as de- Described in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 0ver level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cof., with brass cap, marked, \$\$ S 18 on N.half; and \$\$ 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 35 ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.65 Cor.of secs.17, 18, 19 and 20. Eard raise. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 	27.71 20 0FF	Wash, JU INS, WILLE, 216. DANKS, COURSE SOUTH.	
 S 1/ on N.nalf; and S 20, 1913 on S.half; from which, A pale verde, 36 ins. in diam., brs.N.32°E.,238 lks.dist., marked 1 S 17 B T. An ironwood, 12 ins. in diam., brs.S.182°W.,200 lks.dist., marked 1 S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft banks, course south. 79.91 Cor.of secs. M7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., l.m.t., I set off 33° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp.1 sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 16,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de Tamiped in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 0ver level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, l in. in diam., 26 ins. in the ground, for 1 sec.cof., with brass cap, marked, 1 S 18 lon N.half; and S 19, 1913 on S.half; dig pits l8x18x12 ins. F and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base; 12 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 60.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2md rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.	27.702	be an ind for π decons with brees can marked	
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 A pale verde, 36 ins. in diam., brs.N.3[±]°E.,238 lks.dist., marked ± S 17 B T. An ironwood, 12 ins. in diam., brs.S.18[±]°W.,200 lks.dist., marked ± S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. 17,18,19 and 20. Land, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., l.m.t., I set off 33° 04[±]1N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.[±] sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,US.Surveyor,as de- Tagoriped in Book "B." Thence I run, K.89°55'E., on a true line, bet. secs.18 and 19. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for [±] sec.cof. with brass cap, marked, [±] S 18 on N.haif; and S 19, 1913 on S.haif; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3[±] ft. base, 1[±] ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.64 Cor.of secs.17, 18, 19 and 20. Eand, level. Soil, 2pd rate. Volcanic ash; gravelly surface. Timber', scattering palo verde and ironwood; greasewood brush. 	*	S 20. 1913 on S. half: from which.	
 Iks.dist., marked \$\$ 17 B T. An ironwood, 12 ins. in diam., brs.S.18¹/₂°W.,200 Iks.dist., marked \$\$ 20 B T. Wash, 50 Iks.wide, 2 ft. banks, course south. Gor.of secs. \$\$7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., 1.m.t., I set off 33° 04¹/₂'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp.¹/₂ sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.,estab.by W.H. Thorn,US.Surveyor,as deractribed "in Book "B." Thence I run, N.89°55'E. on a true line, bet. secs.18 and 19. Over level land. 17.65 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.65 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \$\$ sec.cof., with brass cap, marked, \$\$ 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 60.63 Cor.of secs.17, 18, 19 and 20. Land,level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber', scattering palo verde and ironwood; greasewood brush. 	· .	A pale verde, 36 ins. in diam. brs. $N.3\pm$ °E. 238	
An ironwood, 12 ins. in diam. brs.S.18 [±] °W.,200 lks.dist., marked [±] S 20 B T. Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 33° 04 [±] /N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 90.00 Set temp. [±] sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estabeby W.H.Thorn,USS.Surveyor,as de- Temperibed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 0ver level land. 17.65 Wash, 100 lks.wide, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for [±] sec.cof., with brass cap, marked, [±] S 18 on N.half; and S 19, 1913 on S-half; dig pits 18x18x12 ins., E-and W.of cor. 3 ft. dist., and raise a mound of earth 3 [±] ft. base, 1 [±] ft. high, north of cor. 78.15 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land,level. Soil, 2nd rate. Volcanic ash; gravelly surface. 78.15 Timber, scattering palo verde and ironwood; greasewood brush.		lks.dist., marked 💈 S 17 B T.	
 Iks.dist., marked ± S 20 B T. 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. & 7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 33° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.‡ sec.cor. 80.65 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor, as defined in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. Y Wash, 100 lks.wide, 3 ft.banks, course 5.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor. 40.64 Set an iron decle ins. E. and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		An ironwood, 12 ins. in diam. brs.S.18 ¹ W. 200	
 41.91 Wash, 50 lks.wide, 2 ft. banks, course south. 79.91 Cor.of secs. M7,18,19 and 20. Land,level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and fronwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., l.m.t., I set off 35° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.‡ sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estabey W.H.Thorn,USS.Surveyor,as de- Tamoribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.65 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cof., with brass cap, marked, ‡ S 18 on N.half; and S 19, 1913 on S-half; dig pits 18x18x12 ins., E-and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.15 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 16, 19 and 20. Land,level. Soil, 2pd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		lks.dist. marked $\frac{1}{2}$ S 20 B T.	
Land, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 35° 04½ N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp. sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de- Tagoribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 5 ft.banks, course S.5°E. 40.63 Set an iron post 5 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cof., with brass cap, marked, $\frac{1}{2}$ S 18 on N.half; and S 19, 1913 on S.half; dig pits l8xlSxl2 ins., E.and W.of cor. 5 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. Cor.of secs.17, 18, 19 and 20. Land,level. Soil, 2ad rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.	41.91	Wash, 50 lks.wide, 2 ft. banks, course south.	
Land, level. Soil, 2nd rate; volcanic ash. Gravelly surface. Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. 0m. a.m., 1.m.t., I set off 35° 04½'N. on lat.arc; and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp. sec.cor. 10.00 Set temp. sec.cor. Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24,estab.by W.H.Thorn,US.S.urveyor,as de- Tagoribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 5 ft.banks, course S.5°E. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cof., with brass cap, marked, $\frac{1}{2}$ S 18 on N.half; and S 19, 1913 on S.half; dig pits l8xl5xl2 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 32 ft. base, 12 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. Cor.of secs.17, 16, 19 and 20. Land,level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.	79.91	Cor. of secs. 17,18,19 and 20.	
 Timber, palo verde and ironwood, scattering. Undergrowth, scattering greasewood brush. At 10h. Om. a.m., 1.m.t., I set off 33° 04½'N. on lat.arc; and 12°50'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp.½ sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,US.Surveyor,as de- Tagoribed: Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ½ sec.coF., with brass cap, marked, ½ S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cer. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land,level. Soil, 2pd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Land, level.	
 Undergrowth, scattering greasewood brush. At 10h. Om. a.m., l.m.t., I set off 33° 04½ N. on lat.arc; and 12°30 N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp.¼ sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de- Tageribed in Book "B." Thence I run, N.89°55 E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cof., with brass cap, marked, ½ S 18 on N.half; and S 19, 1912 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 			
 At 10h. 0m. a.m., l.m.t., I set off 33° 04½ N. on lat.arc; and 12°30 N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. Set temp. ± sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de- Tramoribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 5 ft.banks, course S.5°E. Set an iron post 3 ft.long, l in. in diam., 26 ins. in the ground, for ± sec.cof., with brass cap, marked, ± S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 60.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2md rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 			
 and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp. sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24., estab.by W.H.Thorn,USS.Surveyor, as de- Traccribedrin Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.coF., with brass cap, marked, 3 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1 ft. high, north of cer. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Undergrowth, scattering greasewood brush.	
 and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp. sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24., estab.by W.H.Thorn,USS.Surveyor, as de- Taxcribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.coF., with brass cap, marked, 1 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 32 ft. base, 12 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 	•		
 and 12°30'N. on decl.arc; and determine a meridian with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp. sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de- Trancribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.coF., with brass cap, marked, 4 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 32 ft. base, 12 ft. high, north of cer. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		At 10b. Om a.m. 1.m.t. I get off ZZO OULIN on lational	
 with the solar at the cor.of secs.17,18,19 and 20. Thence I run, West, on a random line, bet. secs.18 and 19. 40.00 Set temp.¹/₂ sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.estab.by W.H.Thorn,USS.Surveyor,as de- Taggribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¹/₄ sec.coF., with brass cap, marked, ¹/₄ S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, north of cer. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land,level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		and 12°30 N. on declarc: and determine a meridian	
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 40.00 Set temp. ± sec.cor. 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24., estab.by W.H. Thorn, USS.Surveyor, as de- Tracribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ± sec.coF., with brass cap, marked, ± S 18 on N.half; and S 19, 1913 on S.half; dig pits l8x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 			
 80.63 Intersect west bdy.of Tp., 12 lks.north of cor.of secs. 13, 18,19 and 24.,estab.by W.H.Thorn,USS.Surveyor,as de- Tascribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.coF., with brass cap, marked, ‡ S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Velcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Set temp. 1 sec.cor.	
 78-13 Coribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cof., with brass cap, marked, 1 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 31 ft. base, 12 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Intersect west bdy.of Tp., 12 lks.north of cor.of secs.	
 78-13 gribed in Book "B." Thence I run, N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cop., with brass cap, marked, 1 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering pale verde and ironwood; greasewood brush. 	-	13, 18,19 and 24. estab. by W. H. Thorn-USS. Surveyor as de	
 N.89°55'E., on a true line, bet. secs.18 and 19. Over level land. Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ½ sec.coF., with brass cap, marked, ½ S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Deascripedrin Book "B." Thence I run.	
 Over level land. 17.63 Wash, 100 lks.wide, 3 ft.banks, course S.5°E. 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec.coF., with brass cap, marked, 1/2 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3/2 ft. base, 1/2 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		N.89°55'E., on a true line, bet. secs.18 and 19.	
 40.63 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec.cor., with brass cap, marked, 1/2 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3/2 ft. base, 1/2 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		Over level land.	
 the ground, for 1 sec.cof., with brass cap, marked, 1 S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1 ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 			
 ¹/₅ S 18 on N.half; and S 19, 1913 on S.half; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 	40.63		
S 19, 1913 on S-half; dig pits 18x18x12 ins., E-and W.of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.			
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 and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 		dig nits 18x18x12 ins. Reand B of con. 2 ft. diet	
north of cor. 78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.		and raise a mound of earth 74 ft. hase 14 ft. high	
78.13 Wash, 50 lks.wide, 2 ft. deep, course south. 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.			
 80.63 Cor.of secs.17, 18, 19 and 20. Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush. 	78-12		
Land, level. Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.		Cor. of secs. 17, 18. 19 and 20.	
Soil, 2nd rate. Volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood; greasewood brush.	5		
Timber, scattering palo verde and ironwood; greasewood brush-			
		Timber, scattering palo verde and ironwood; greasewood	
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	ubdivision of Township 4 South. Range 15 West. 27.
Chains	and at 12h.3m. 1.m.t., I observe the sum on the meri- dian; the resulting latitude is 33° $04\frac{1}{2}$ 'N.
	eran, the resulting factored is // 012 ht
	N.0°03'W., on a true line, bet. secs.17 and 18. Over level land.
5.00 40.00	<pre>Wash, 50 lks.wide, 2 ft. deep, course SW. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 17 on W.half; S 18 on E.half; and 1913 on S.half;</pre>
	dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
46.00 71.00 80.00	Wash, 50 lks.wide, 2 ft. banks, course SW. Wash, 50 lks.wide, 2 ft. banks, course S.30° W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 7,8,17 and 18, with brass cap, marked,
	T 4 S S 7 in NW, R 15 W S 8 in NE, S 17 in SE, and S 18 in SW. quadrants; 1913 on S.half; from which,
	An ironwood, 8 ins. in diam., brs.N.81 [‡] °E.,430 1ks.dist., marked T 4 S R 15 W S 8 B T. A pale verde, 10 ins. in diam., brs.S.12°E., 280 1ks.dist., marked T 4 S R 15 W S 17 B T. An ironwood, 10 ins. in diam., brs.S.76°W.,214
	1ks.dist., marked T 4 S R 15 W S 18 B T. A pale verde, 18 ins. in diam., brs.N.20 ² W., 230 1ks.dist., marked T 4 S R 15 W S 7 B T.
	Land, level. Soil, 2nd rate. Volcanic ash, covered with gravel. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush.
40.00	East, on a random line, bet. secs.8 and 17. Set temp. $\frac{1}{2}$ sec.cor.
79.94	Intersect N and S. line, 7 lks.south of cor.of secs.8,9, 16 and 17. Thence I run,
7•94	S.89°57'W., on a true line, bet. secs.8 and 17. Over level land. Wash, 50 lks.wide, 3 ft. banks, course S.20° W.
39.97	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 8 on N.half; and S 17, 1913 on S.half;
	dig pits, 18x18x12 ins., E.and W. of core, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N.of cor.
66.94 71.94 79.94	Wash, 50 lks.wide, 2 ft.banks, course SE. Wash, 50 lks.wide, 2 ft. banks, course SE. Cor.of secs.7,8,17 and 18. Land, level. Soil, 2nd rate, volcanic ash; gravelly surface.
	Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush. August 20, 1913.
40.00	Aug. 21, 1913: West, on a random line, bet. secs.7 and 18. Set temp. $\frac{1}{4}$ sec.cor.

	28. S	Subdivision of Township 4 South, Range 15 West	
	Chains		
-	80 .61	Intersect west bdy.of Tp., 5 lks.north of cor.of secs.7, 12,13 and 18, established by W.H.Thorn, U.S.Surveyor, as described in Book "B."	~
	5.61 26.61 40.61	Thence I run, N.89°58 E., on a true line, bet. secs.7 and 18. Over level land, through scattering greasewood brush. Wash, 150 lks.wide, 2 ft.banks, course south. Wash, 50 lks.wide, 2 ft. banks, course S.10°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., with brass cap, marked, [‡] S 7 on N.half; and S 18, 1913 on S.half; dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N.of cor. From which, the only tree within limits. A palo verde, 10 ins. in diam., brs.S.64°W., 146 lks.dist., marked ‡ S 18 B T.	
	80.61	Cor.of secs.7,8,17 and 18. Land, level. Soil, 2nd rate, volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush.	
		At 10.0m. a.m., 1.m.t., I set off 33°05' N.on lat. arc; and 121°. 10 [±] N. on decl.arc, and determine a meridian with the solar at the cor.of secs. 7,8,17 and 18. Thence I run, N.0°03'W., on a true line, bet. secs.7 and 8.	
	25.00	Over level land. Wash, 50 lks.wide, 2 ft.banks, course SW.	
	25.00 40.00	<pre>Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 \$ 7 on W.half; \$ 8 on E.half; and 1913 on S.half; dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth 31 ft. base, 11 ft. high,W. of cor. From which, the only tree within limits: An ironwood, 6 ins. in diam., brs.S.642°E.,50 lks.dist., marked 1 \$ 8 B T.</pre>	
	65.00 80.00	Wash, 50 lks.wide, 2 ft. banks, course S.20°W. Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for cor.of secs.5,6,7 and 8, with brass cap, marked,	
·		T 4 S S 6 in NW ^{\cdot} , R 15 W S 5 in NE ^{\cdot} , S 8 in SE., and S 7 in SW. quadrants; 1913 on S.half;	
		dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, west of cor. From which, the only tree within limits: - A palo verde, 8 ins. in diam., brs.S.43½°E.,175 lks.dist., marked T 4 S R 15 W S 8 B T.	
		Land, level. Soil,2nd rate, volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood. Underbrush, scattering greasewood brush. Aug. 21: At this cor.? I set off 12°09' N.on decl.arc; and at 12h.3m.l.m.t., I observe the sun on the meri- dian; the resulting lat.is 33°06'N.	
	40.00 80.00	East, on a random line, bet. secs.5 and 8. Set temp.1 sec.cor. Intersect N.and S. line, 12 lks.south of cor.of secs.4,5,	

	BOOK	, n
	Bully sign of township 4 South, Range 13 West. 29.	2
Chains		
10.00 20.00 90.00	<pre>8 and 9. Thence I run, S.89°55'W., on a true line, bet. secs.5 and 8. Over level land. Old road brs.SE. and NW. Wash, 75 lks.wide, 2 ft. deep, course S.20°W. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 5 on N.half; and S 8, 1913 on S'half; from which, A palo verde, 12 ins. indiam., brs.N.36¹/₂°W.,69</pre>	
50.00 69.00 80.00	<pre>lks.dist., marked 1 S 5 B T. A palo verde, 12 ins. in diam., brs.S.241 W., 410 lks. dist, marked 1 S 8 B T. Wash, 200 lks.wide, course SW. Wash, 50 lks.wide, 2 ft.banks, course SW. Cor.of secs.5,6,7 and 8. Land,level. Soil, 2nd rate, volcanic ash, gravelly surface. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush.</pre>	
40.00 80.51	West, on a random line, bet. secs.6 and 7. Set temp.1 sec.cor. Intersect west bdy.of Tp., 5 lks.south of cor.of secs.1, 6,7 and 12, established by W.H.Thorn, U.S.Surveyor, as described in Book "B."	
38•51 40•51	<pre>Thence I run, S·89°58'E., on a true line, bet. secs.6 and 7. Over level land. Wash, 50 lks.wide, course south. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor., with brass cap, marked, 1 S 6 on N.half; and</pre>	
	S 7, 1913 on S.half; from which, A palo verde, 10 ins. in diam., brs.S.374°E.,1 lks.dist., marked ± S 7 B T. A palo verde, 8 ins. in diam., brs.N.9°W.,66 lks.dist., marked ± S 6 B T.	67
80.51	Cor, of secs.5,6, 7 and 8. Land, level. Soil, 2nd rate, volcanic ash; gravelly surface. Timber, scattering palo verde and ironwood. Undergrowth, scattering greasewood brush.	
40.00 30.17	N.0°03' W., on a random line, bet. secs.5 and 6. Set temp. 4 sec.cor. Intersect N.bdyof Tp. at the cor.of secs.5,6,31 and 32, established by W.H.Thorn, U.S.Surveyor, as described in Book "B."	
10.17	Thence I run, S.0°03' E., on a true line, bet. secs. 5 and 6. Over level land. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., with brass cap, marked, $\frac{1}{2}$ S 6 on W.half; S 5 on E.half; and	
58.17 30.17	1913 on S half; dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3½ ft.base, 1½ ft. high,W. of cor. Old road brs.S.60°E. and N.60°W. Cor.of secs.5,6,7 and 18.	•

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FOR FINAL OATHE	S OF UNITED STATES SURVEYOR. AND TRANSITMAN.
See Book	"L" (Subdivision of T.5 S.,R.13 W.)
	, U. S. Surveyor, do solemnly swear that, in pursuanc
of special instructions received from	n the U. S. Surveyor General for
bearing date of thed	lay of, 191 , I have well, faithfully, and truly
in my own proper person, and in	strict conformity with said instructions, the Manual of Surveyin
Instructions, and the laws of the U	nited States, surveyed all those parts or portions of
· \	
	of the
Meridian, in	the State of, which are represented i
ance with the Manual of Surveying . General for	Instructions, and the special written instructions of the U.S. Surveyo
ance with the Manual of Surveying	of said survey have been established and perpetuated in strict accord Instructions, and the special written instructions of the U. S. Surveyo and in the specific menner described in the field notes, and the notes of such survey.
ance with the Manual of Surveying . General for	Instructions, and the special written instructions of the U.S. Surveyo
ance with the Manual of Surveying General for the foregoing are the original field n	Instructions, and the special written instructions of the U. S. Surveyo and in the specific manner described in the field notes, and the notes of such survey.
ance with the Manual of Surveying General for the foregoing are the original field r Subscribed by said	Instructions, and the special written instructions of the U. S. Surveyo and in the specific menner described in the field notes, and the notes of such survey. U. S. Surveyor. , and sworn to before me
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ance with the Manual of Surveying General for the foregoing are the original field r Subscribed by said	Instructions, and the special written instructions of the U. S. Surveyo and in the specific menner described in the field notes, and the notes of such survey. U. S. Surveyor. , and sworn to before me
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ance with the Manual of Surveying General for the foregoing are the original field r Subscribed by said this day of	Instructions, and the special written instructions of the U. S. Surveyo and in the specific manner described in the field notes, and the notes of such survey. U. S. Surveyor.

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 the Subdivision lines of	
 Township No.4 South, Range No.15 West of the	
Gila and Salt River Base and Meridian.	
 in the State of Arizona.	

executed by W.H.Thorn, U.S.Surveyor and WK.Kierulff, U.S.Transitman under in special instructions dated February 26, 1913 for Group 28, 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Inga drank S. Surveyor General. of Arizona.

- I certify that the foregoing transcript of the field notes of the above described surveys in _____

6—276 l
