	<u>4</u> —679		(auguint
			BOOK 3564
	FIELD NOT	ΈS	
	OF THE SURVEY OF TH	IE	
eventh Standa	rd Parallel North, thru. parts	of Rgs. 13	and 14 west,
art of the Ba	st boundary, and		
art of the Sul	division lines		
4	of		
	۰ ۲		
<u></u>	TOWNSHIP 29 NORTH, RANGE 14	WEST.	
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OF +1	A Cilo and Salt Dimon Dega	i G	
	e Gila and Salt River Base a	III. Meri	dian,
i ine succe oj			
.	EXECUTED BY	•	
	William B. Kimmel, U.S.Cada	stral Ingin	}er .,
۵- - ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲	and		
	Francis R. Ihrie, U.S. Trans	itm a n,	· · · · · · · · · · · · · · · · · · ·
the capacity of	U.S. Surveyors, under instruction	s dated Februa	ry 27,;1920,
sued by the Ur	vited States Surveyor General to	govern surv	veys included in
	, which were approved by the Con	•	4 ⁴
	, 1920., and Assignm		

Survey complete	d <u>A</u> 1	ugust 3.	•	1921.

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3564

Book "F"

Group 110 - - Arizona.

BOOK 3564

INDEX DIAGRAM.

Townsk	<i>nip29</i> No	cth.,	Range	4-West.		
6 33 39	5 39	4 24 214	8) 23	2 2 19	1	
7 3 37	8 38	9 2	10] 99	5, 11 15	12	
18 3		16 2 7		\$. 14 l 15	18 K I	
<u>35</u> 19 3	3 20 💈	21 ZC	22]	5 23 *	24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
33 30 3		× ·	27	26		
315 31 31 3	ST 2 32 4	2. 5 88	1 <u>-8</u> 	5 35 5	19 36 9 0	С. С. 7
		7th Stand		Ilel North	and address in the second s	

Lines surveyed under this group.

Unsurveyed.

Ny



Black lines on above diagram indicate surveys executed by William B. Kimmel, U. S. Cadastral Engineer, on dates shown thereon. Red lines on above diagram indicate surveys executed by Francis R. Ihrie, U. S. Transitman, on dates shown thereon.

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B



		BOOK	35A
		of Seventh Std. Parallel N., thru, Range 14 West. 3	UC18
	Chains.		
	e de la companya de	From the standard cor. of Ts. 29 N. Rs. 14 and 15 W., de- scribed in Book "G," East, on S. bdy. of sec. 31.	
	5.00	Over rolling land, thru.dense timber and undergrowth. Ascend 30 ft. Trail, brs.N.and S.	
	12.00 21.40 36.40	Descend 45 ft. Thence over gently rolling land. Trail, brs.NE and SW. Descend 60 ft.	
	40.00	Set an iron post, 3 ft. long, 1 in. in diam.,10 ins.in the ground, in a mound of stone, for standard d sec.cor., marked on brass cap,	
	•	S C <u>18 31</u>	
		1921	
		from which, A cedar, 18 ins. in diam., brs.N.16 ¹ / ₂ °E.,65 lks. dist., marked ¹ / ₄ S 31 SC BT	
		A cedar, 14 ins.in diam., brs.N.46 ¹ / ₄ °W.,101 lks. dist., marked ¹ / ₄ S 31 SC 3T. Continue descent, 35 ft.	
· ·	40.80	Gulch, course SE. Ascend 65 ft.	
	· 45.00 · · 49.25	Descend 75 ft. Gulch, course N.80°E. Ascend 40 ft.	
	52.00 60.49	Leave timber, brs.NE. and SW. Rim of canyon, 800 ft. high, brs.NE. and SW. Impossible to chain or triangulate on line. Triangulate and chain	
		traverse as follows: Set a flag ahead on a bearing N.73°14'E., from which I	
	•	measure a Base N.46°22'W. 7.57 chs. From this point, flag at the 60.49 ch. point	
	•	brs.S.17°29'N. The three angles of the triangle are therefore 55°45', 63°51'and 60°24', the sum of which	
	C.	is 180°. The distance. triangulated is given by the sine proportion:	
		$X = \frac{\sin 63^{\circ} 51'}{2}$	
		7.57 sin.55°45'	
:		log. 7.57 = 0.879096 $log.sin.63^{51'} = 9.953104$ 0.832200	
	•	log.sin.55°45' = 9.917290 X = 0.914910	
		<pre>log.X = 8.22 From this point,continue N.73°14'E. on traverse line, 4.83 chs.,making the total distance on the bearing N.73°14'E. 13.05 chs.</pre>	
		Thence East 7.01 chs. Thence South 1.00 ch to a point on canyon rim,900 ft. high, bearing N. and S., and 2.75 chs. North of the true	
-	80.00	point for standard cor. of secs. 31 and 32, where I Set an iron post, 3 ft.long, 2 ins. in diam., 12 ins. in the ground, in a mound of stone, with marked (X) stone for witness cor. to standard cor. of secs. 31 and 32, marked on brass cap,	
		S C T29N R14W S31 S32	
		<u>V</u> C 1921	

BOCK 3564

4	Seven Chains.	th Standard Parallel North, thru, Range 14 West.
		and raise a mound of stone, 2 ft.base, 12 ft.high,N.
	ا	of cor.
		Land, rolling.
		Soil, rocky, 4th rate.
		Timber, pine and cedar. Undergrowth, buck brush, scrub oak, sagebrush, rabbit
1		brush, Spanish dagger, cedar and cactus.
		Fair grazing.
		· · · ·
•	* 5	East, on S. bdy. of sec. 32. Over mountainous land, thru.scattering timber and under-
		growth. It is impossible to chain or triangulate on line. Offset
		North, 1.01 chs. from the witness cor. to standard cor.
		of secs. 31 and 32. 3.76 chs.from the true point for
		standard cor., and continue East on offset line, thru.
		sec.32. Ascend 150 ft.
	14.69	Thence N.51°30'E. 36.00 chs. Leave flag "A," at this
	#	The true point for standard 2 sec.cor.falls in bottom of
		canyon, and no witness cor. can be established within prescribed distance. Proceed to a point on the stand-
		ard on the South side of canyon, from which flag "A"
		hrs U A 2°32!W by compute-
		tion, flag "A" is 26.17 chs.
		North of the standard line, and 42.86 chs. ast of the true
	•	point for standard cor. of
	· ·	secs. of secs. 31 and 32.
		The easting from flag
		is given by cot.47°28' x
	•	$26.17 = .91740 \times 26.17 =$
	۰. ۲	24.01 chs., which added to
	66.87	42.86 chs.,gives South rim of canyon, 1800 ft. high, brs.N.80°E. and S.
		80°W.
		Continue East on S. bdy. of sec.32. Dist. by chaining.
	71.85 75.28	Descend 30 ft. Rim of canyon, brs.N.80°W. and SE. Set an iron post,3
	19.20	ft.long, 2 ins. in diam., 3 ins.in the ground, in a
		mound of stone, with marked (X) stone for witness
	,	cor. to standard cor. of secs. 32 and 33, marked on
		brass cap,
• •		S C
		T29N R14W
	. · · ·	<u>\$32 \$33 wc</u>
		1921
*		and raise a mound of stone 2 ft.base; 11-ft.high, N.
		of cor.
	80.00	The true point for cor.is inaccessible.
	· •	Soil, rocky, 4th rate. Land, rolling and mountainous.
		Timber, pine and cedar.
	*	Undergrowth, buck brush, scrub oak, sagebrush, rabbit
		brush; Spanish dagger, cedar and cactus. Fair grazing.
	•	
	,	Reat on S bdx of Soc 77 t
		East, on S. bdy. of sec. 33. Over mountainous land, thru. scattering timber and under-
	1	growth.

		Bor) 12-1	3564
	Seventl Chains.	Std. Parallel North, thru. Range 14 West. 5.	<u></u>	3564
		It is impossible to chain from the witness cor. to Stand- ard cor.of secs.32 and 33. Leave flag for triangula- tion "A" and set flag "B" ahead on line. From "B" run offset traverse . S.5° 43'.W., 5.70 chs. S.12° 3'.W., 38.00 chs. S.65°28' W., 65.00 chs.to . point "C," from which flag"A" brs. N.49°30'W. By computa- tion, flag "C" is 67.63 chs.West, and 69.82 chs.South of flag "B," and the bearing end length of the line "BC are S.44°5'W., 97.21 chs. In the triangle "ABC" the three angles are 40°30', 45°55' and 93°35', the sum of which is 180°. The distance triangulated is given by the sine proportion.	ţ,	
		$\frac{X}{97.21} = \frac{\sin.93^{\circ}35'}{\sin.40^{\circ}30'}$	4	
	د <u>:</u> .	log. 97.21 chs. = 1.987711 log.sin.93°35' = <u>9.999150</u> 1.986861	.1	
	e -	l.986861 log. sin. 40° 30' = <u>9.812544</u> log. X. = 2.174317 X = 149.39 chs., which added to 75.28 chs. gives 224.67 chs. or 64.67.chs. East of the true point for standard cor.of secs, 33 and 34.		
		It is impossible to establish a cor. or witness cor. for the standard $\frac{1}{4}$ sec.cor. of sec.33,or the standard cor. of secs. 33 and 34.	-	·
		Land, mountainous. Soil,rocky, 4th rate. Timber. cedar and pine. Undergrowth, buck brush, scrub oak, sagebrush, rabbit brush, Spanish dagger, cedar and cactus. Fair grass.		,
	· · · · ·	East, on S. bdy. of sec.34. Over mountainous land, thru. scattering timber and under-		
	64.67 80.00	growth. Distance by triangulation, as hereinbefore described. Continue over molling land, descending 50 ft. dist.by chaining. Set an iron post, 3 ft.long, 2 ins.in diam.,10 ins.in the ground, in a mound of stone, with marked (x) stone for standard cor. of secs. 34 and 35, marked on brass		
۲		cap, SC T29 N R14W		
		<u>\$34</u> <u>\$35</u> 1921		
	• ,	<pre>from which, A cedar, 14 ins. in diam.,brs.N.70°W.,231 lks.dist., marked T29N R14W S34 SC.BT. No other trees within limits; raise a mound of stone 2 ft.base, 1½ ft.high, N.of cor. Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, pine and cedar. Undergrowth, buck brush, scrub oak, sagebrush,rabbit brush,Spanish dagger,cedar and cactus. Fair grazing.</pre>		
	• •			

Standard Parallel North, thru. Range 14 West. Savanth Chains. East, on S. bdy.of secs.35. Over rolling and mountainous land, thru. scattering timber and dense undergrowth. Ascend 80 ft. Spur, slopes N. Descend 130 ft. 17.00 Gulch, course N. 24.50 Ascend 185 ft. Ridge, brs. NE. and SW. 37.50 Descend. Set an iron post, 3 ft.long, 1 in. in diam., 9 ins.in ground, in a mound of stone with marked (X) stone, for standard 4 sec.cor., marked on brass cap, 9 ins. in the 40.00 SC 18 35 1921 and raise a mound of stone, 2 ft. Hase, $l\frac{1}{2}$ ft. high, N.of cor. Continue descent 120 ft. 61.50 Draw, course NE. Ascend 35 ft. Set an iron post 3 ft.long, 2 ins.in diam., on bed rock, with cross (x) at exact cor.point for standard cor.of 80.00 secs.35 and 36, and raise a mound of stone around post, with brass cap, marked S C T29N B14W S35 S36 1921 . Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine and cedar. Undergrowth, buck brush, scrub oak, sagebrush, rabbit brush, Spanish dagger and cactus. Fair grazing. East, on S. bdy. of sec.36. Over rolling land, thru. dense undergrowth. Descend 40 ft. 2.00 Ascend 25 ft. Descend 55 ft. Ascend 35 ft. 5.00 18.00 23.00 Set an iron post, 3 ft.long, 1 in.in diam., 2 ins.in the ground, in a mound of stone, with marked (x) stone, for 34.00 withess cor. to standard $\frac{1}{4}$ sec.cor.,marked on brass cap, 15 36 WC 1921 and raise a mound of stone, 2 ft.base, $l\frac{1}{2}$ ft. high, N. of cor. Cor. stands on rim of canyon, 2000 ft. deep, brs.NE. and SW. The true point for standard 1 sec.cor. falls in canyon, in 40.00 an inaccessible position. From the 34.00 ch.point, run traverse as follows: N. 48°E. S. 78°12'E. 23.00 chs. 39.00 chs. 9.27 chs. 3.38 chs. West, to a point 4.03 chs. South. N. of the true point for standard cor. of Ts 29 N.,

		BOOK	3564
	<u>Seve</u> Chains.	nth Standard Parallel North, thru, Range 14 Nest. 7	
		Rs.13 and 14 W., where I Set an iron post, 3 ft.long, 3 ins. in diam.,8 ins.in the ground, in a mound of stone, with marked (x) stone for witness cor.to standard cor.of Ts. 29 N., Rs. 13 and 14 W., marked on brass cap,	. I
		S C .	· .
		$\frac{T29N}{R14W}$	
		s; 5,6 s; 5,6 s; 5,7 s;	
,e	•	1921	- -
•	•	and raise a mound of stone, 2 ft. base, 12 ft.high, N. of cor.	
		This cor.stands on rim of canyon,2000 ft. high, brs.N.45° E. and West.	•
		Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine and cedar. Undergrowth, scrub oak,buck brush, sagebrush, rabbit brush.	
		Spanish dagger, cedar and cactus. Fair grazing.	
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•			29 29
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8	Survey	of nart of Seventh Standard Par. N. thru. Renge 13 West.
	Chains.	
	5 	From the true point for standard cor. of Ts.29 N., Rs.13 and 14 W. (inaccessible).
		East, on S. bdy. of sec.31. Over mountainous land, thru. scattering timber and dense
		undergrowth. As this line cannot be chained to an intersection with the East bdy. of T.28 N., R.14 W., I determine the distance
		to this bdy., and the length of the East bdy. of sec.l, T.28 N., R.14 W., in the following manner: From a point "A," on the Seventh Standard Parallel North,
		1.27 chs. East of the std.cor. of secs. 35 and 36, R.14 W., flag "B" on the E bdy. of T.28 N., R.14 W., 10.17 chs. N.of the cor. of secs.1, 6, 7 and 12, brs. S.56°54'E.
	, , , , , , , , , , , , , , , , , , ,	Also; from "C" the witness cor. to standard cor. of Is. 29 N., Rs.13 and 14 W., flag "B," brs.S.21°52'E. In the triangle "ABC", point "C,"
•		is 78.73 chs.East, and 4.03 chs. N.of point "A." The bearing
ر		and length of "AC"are therefore <u>Nervayor 7000</u> c N.87°4'10"E.,78.83 chs.'The three angles of the triangle
		are therefore 108°56'10",35°2' and 36°1'50", the sum of which is 180°00'. The length BC is determined from the
		sine proportion. $\frac{BC}{78.83} = \frac{\sin \cdot 36^{\circ}1'50''}{\sin \cdot 35^{\circ}2'}$
		log.78.83 = 1.896692
		log.sin.36°1'50" = 9.769537 1.666229 $log.sin. 35°2' = 9.758952$
		log. BC = 1.907277 BC = 80.78 chs. The latitude and de- parture of this line are therefore 74.97 chs.N.& 30.09
		chs. WOTHE closing tdist from the true ptefor std ter. of <u>ts.29</u> N., Rs. 13 & 14 darto true pt. for 20. 0. of T128 NeR114 W. is therefore 30.09 chs; and the length tof the B
		- 4.03 = 81.10 chs. A witness cor.to closing cor.of T.28 N.R.14 W. set 52.61 chs. N.of the cor.of secs.
		1,6, 7 and 12, is described in the field notes of cur- rent Group No.109. Land, mountainous.
		Soil, rocky, 4th rate. Timber, pine and cedar. Undergrowth, scrub oak, buck brush, sage brush, rabbit
		brush, Spanish dagger, cedar and pinyon.
•		

LOOK 3564

	of part of East boundary of Township 29 North, Range 14 West
Chains.	
	North, bet. secs.31 and 36, from witness cor. to standard
	cor.of Ts.29 N., Rs.13 and 14 W., 4.03 chs. N. of true point for cor., hereinbefore described.
	Over rolling and mountainous land, thru. dense undergrowth
	continuing measurement.
	Descend 60 ft.
15. 50 24.00	Ascend 65 ft. Spur,slopes E.
24.00	Descend 35 ft.
40.00	Set an iron post, 3 ft.long, 1 in. in diam., 4 ins. in the
	ground, in a mound of stone with marked (X) stone for
	$\frac{1}{4}$ sec.cor., marked on brass cap,
•	$\frac{1}{4}$
	\$36 [*] \$31
	1921
	and raise a mound of stone, 2 ft.base, 1 ¹ / ₂ ft.high,W.
1	• of cor. Continue descent 225 ft.
67.70	Gulch, course E.
	Ascend 190 ft.
73.50	Spur, slopes E. Descend 75 ft.
80.00	Set an iron post. 3 ft.long, 2 ins. in diam., 10 ins.in
	the ground, in a mound of stone with marked (X) stone
	for cor.of secs. 25,30,31 and 36, marked on brass cap,
	T2.9N
	RI4WIRI3W
	<u>\$25 \$30</u>
	S36 S31
	1921
•	and raise a mound of stone, 2 ft. base, 12 ft.high, W.
	of cor.
	Land, rolling and mountainous.
	Soil, rocky, 4th rate. No timber.
	Undergrowth, buck brush, scrub oak, sagebrush, rabbit brush,
	Spanish dagger, cedar and cactus.
	Fair grass.
	·
	The second of mix of
	I discontinue survey at this point because of rim of canyon, 2000 ft.high, at 2.00 chs.East on E.and W.line,
	and at 1.50 chs.N.on N.and S.line.
t	
	· · · · · · · · · · · · · · · · · · ·
	e e e e e e e e e e e e e e e e e e e

Chains	y of wart of the Subdivision lines of T.29 N. R.14 W.
	From the standard cor. of secs. 35 and 36, on the S, bdy. of
	Tp., hereinhefore described, .
	N.O°1'W., bet. secs. 35 and 36.
	Over mountainous and rolling land, thru. dense undergrowt
	Descend 100 ft.
9.00	
10.70	Ascend 20 ft.
	Descend 35 ft.
16.40	Draw, course SE. Ascend 130 ft.
37.00	
40.00	
40.00	the ground, for { sec.cor., marked on brass cap,
	<u>1</u> . 4
	\$35 \$36
	1921
· · · ·	· · · · · · · · · · · · · · · · · · ·
	and raise a mound of stone, 2 ft. base, $l\frac{1}{2}$ ft.high, W.
	of cor. Continue descent 65 ft.
10 6	
42.65	Ascend 95 ft.
69.00	
	chain or triangulate farther on this line.
	Land, rolling and mounsainous.
	Soil, rocky, 4th rate.
ľ	Timber. none.
	Undergrowth, buck brush, scrub oak, sagebrush, rabbit
	brush, Spanish dagger and cactus.
	Fair grazing.
	From the cor. of secs. 25, 30, 31 and 36, on the E.bdy. of
• •	the Tp., hereinbefore described,
	West, on a true line, bet. secs.25 and 36.
	Over mountainous land, thru. dense undergrowth.
	Ascend 75 ft.
3.20	
12.80	
21.05	Descend 90 ft.
31.40	
35.20	
	Ascend 25 ft.
40.00	Set an iron post, 3 ft.long, 1 in. in diam., 2 ins.in the ground, in a mound of stone with marked (X) stone
	for 4 sec:cor., marked on brass cap.
	<u>+ S 25</u>
	$\frac{1}{4}$ S 25 S 36
	1921
	and raise a mound of stone, 2 ft.base, la ft.high,
	N.of cor.
	Descend.
42.7	
	Ascend 55 ft.
57.0	Rim rock, 1800 ft. high, brs.N.70°E. and S.70°W.
	Impossible to continue survey from this point.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, none. Undergrowth, buck brush, scrub oak, sagebrush, rabbit
	brush, Spanish dagger and cactus.
	Fair grazing.
1	
1	



]		of the Subdivision lines of Township 29 North, Range 14 West
,	Chains.	
	, ,	Ridge, brs.N.50°W. and S.50°E. Descend 30 ft.
	35.80	Ravine, 15 lks.wide, course N.60°W. Ascend 30 ft.
	40.00	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	•	
		\$14 \$13
	Ŧ	1921
. v		and raise a mound of stone, 2 ft. base, $l\frac{1}{2}$ ft.high, W.of
		cor. Continue ascent, 55 ft.
		Spur, slopes E. Descend 75 ft.
		Ravine, 10 lks.wide, course N.50°E. Ascend 45 ft.
	52.50 57.40	Descend. Ravine, 5 1ks.wide, course S.70°E.
		Ascend. Ridge, brs.E. and W.
		Descend 25 ft. Ravine,5 1ks.wide, course S.70°E.
	77.50	Ascend 40 ft. Ridge, brs. N.80°E. and S.80°W.
	78.28	Descend. Set an iron post, 3 ft.long, 2 ins. in diam., 12 ins. in
		the ground, with marked (X) stone, for witness cor.to cor.of secs. 11,12,13 and 14, and raise a mound of stone, around post, with brass cap, marked
		T29N R14W
	-	$\frac{S11 S12}{S14 S13}$
		1921
	78.69	Rim of impassable canyon, brs. E and W. I discontinue the survey at this point.
		Land, rolling and mountainous.
	•	Soil, rocky, 4th rate. Timber, none.
•		Undergrowth, buck brush, scrub oak, sagebrush, rabbit brush, Spanish dagger and cactus.
		Fair grass.
		East, on a true line, bet. secs.12 and 13.
		Over mountainous land, thru. scattering undergrowth. As the true point for cor.of secs.11,12,13 and 14 is
	•	inaccessible, I begin at a point 2.41 chs.S.0°1'E.of the true point for cor.
		Thence,
	-	East, on an offset line, thru.sec, 13. Ascend 20 ft.
	7.10	Ridge, brs.N.80°E. and S.80°W. Descend 55 ft.
	13.60	Descend 55 ft. Ascend 30 ft.
,	18.60 29.13	Descend 25 ft. Att this point, offset N.0°1'W., 1.81 chs., and continue
	40.00	East on offset line,0.60 chs.S.of true line. Set an iron post, 3 ft.long, 1 in. in diam.,14 ins.in the
		ground, with marked (X) stone, for witness cor. to $\frac{1}{4}$ sec.cor., and raise a mound of stone around post, with
		brass cap, marked

POOK 3564

	W C
•	1 <u>5 12</u> \$ 13 1921
•	S 13
	1921
55.00	The true point for $\frac{1}{2}$ sec.cor. is inaccessible. (Approx.) Rim of impassable canyon, brs.N. and S. I discontinue the survey of this mile at this point.
•,	Land, mountainous: Soil, rocky, 4th rate. No timber.
	Undergrowth, buck brush, scrub oak, sagebrush, rabbit brush, Spanish dagger and cactus. Fair grazing.
•	
•	As the rim of canyon comes at 7.50 chs. bet. secs.34 and 35, it is impossible to survey any portion of that line. The lines bet. secs. 26 and 35 and 26 and 27 are likewise unsurveyable. I' therefore commence at
	the cor.of secs.22,23, 26 and 27, established 80.00 chs.East of the cor.of secs. 21,22, 27 and 28, both of which cors. are hereinafter described.
	At 7.00 chs. S.0°1'E. of the cor. of secs.22,23,26 and 27, rim of impassable canyon, ors.N.40°E. and S.40°W.; at 8.08 chs.East of said cor., rim of impassable can-
₹	yon brs.N.40°E. and S.40°W. From the cor.of secs.22,23,26 and 27,
	N.O°1'W., bet. secs.22 and 23.
	Over mountainous land, thru. scattering timber and under- growth. Ascend 125 ft.
	Ridge, brs.E.and W. Descend 45 ft.
17.60 [.] 20.00	Gulch, 10 lks.wide, course N.40°E. Ascend 55 ft. Spur,slopes E.
	Descend. Gulch,10 lks.wide, course E.
40.00	Ascend. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for ‡ sec.cor., marked on brass cap,
	1921.
	and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor.
47•50	Continue ascent. Ridge, brs.N.45°E. and S.45°W. Descend 215 ft.
69•30 77•40	Gulch, course N.70°E. Ascend 115 ft. Ridge, brs.N.70°E. and S.70°W.
80.00	Ascend 25 ft. Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in the ground for cor.of secs. 14,15, 22 and 23,marked
,	on brass cap,
	1921

1 /	rt of Subdivision lines of Township 29 North, Ronge 14 West
Chain	3.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, scattering cedar.
	Undergrowth, pinyon, cedar, buck brush and catclaw.
	Fair grazing.
	East, on a true line, bet. secs.14 and 23.
	Over rolling and mountainous land, thru.scattering timber
	and undergrowth.
17.00	Ascend 115 ft.
13.00	Ridge, brs.N.70°E.and S.70°W. Descend 300 ft.
16.00	
10.00	Continue descent.
28.50	Canyon, course S.
,	Ascend 145 ft.
38.00	
40.00	Descend. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the
40.00	ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S 14
	$ \frac{\frac{1}{4} \times 14}{\text{S } 23} $ 1921
	1921
	and raise a mound of stone, 2 ft.base, $l\frac{1}{2}$ ft. high,
54.00	N. of cor. Continue descent 75 ft. Gulch, course S.50°E.
94.00	Ascend 45 ft.
59.00	
2500	Descend 90 ft.
77.5	
	Ascend 15 ft.
.80.00	Set an iron post, 3 ft.long, 2 ins.in diam., 8 ins.in the ground, with marked (X) stone, for cor.of secs.
1	13,14,23 and 24, and raise a mound of stone around
	post, with brass cap, marked
	T29N R14W
	<u>\$14 \$13</u>
-	. \$23 \$24
	1921
	Rim of impassable canyon, brs.S.15.00 chs.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, cedar.
<u>۲</u>	Undergrowth, buck brush and catclaw.
	Fair grazing.
	N.0°1'W., bet.secs. 14 and 15.
	Over mountainous land, thru. scattering timber and under-
	growth
0.7	
	Ascend.
5.0) Spur, slopes E.
	Descend 20 ft.
7.7	
	Ascend 110 ft.
20.0) Spur, slopes L. Descend.
31.5	
	Draw, 60 lks.wide, course E.
1 4 4 11	
35.0	Ascend 80 ft.

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•		DOOK	050
	.		
	Part Chains.	of Subdivision lines of Township 29 North, Range 14 West.	_15 I
	40.00	Set an iron post, 3 ft. long, 1 in. in diam.,10 ins.in the ground, with marked (X) stone, for $\frac{1}{2}$ sec.cor.,and raise a mound of stone around post, with brass cap marked	
		S15 S14 . 1921	
	45.00 72.00 73.75 78.00 80.00	<pre>Continue ascent. Ridge, brs.N.50°E. and S.40°W. Descend 320 ft. Canyon, course S.70°E. Thence along M.slope. Same canyon, course S.10°W. Thence along M. slope. Same canyon, course S.40°E. Ascend 35 ft. The true point for cor.falls in edge of canyon. At a point 0.20 chs.East, Set an iron post, 3 ft.long, 2 ins. in diam.,6 ins.in the ground, with marked (X) stone, for witness cor.to</pre>	
	•	cor.of secs.10,11,14 and 15, and raise a mound of stone, around post, with brass cap, marked T29N R14W	· · ·
		WC $\frac{S10}{S15}\frac{S11}{S14}$ 1921 Land, mountainous.	
	•	Soil, rocky, 4th rate. Timber, cedar and pine. Undergrowth, buck brush and catclaw. Fair grazing.	
	40.00	East, on a random line, bet. secs.ll and 14. As it is impracticable to measure on the random line, begin at a point 4.22 chs. S.0°1'E. on the true point for cor.of secs.l0,ll,l4 and 15, Thence East on random offset line, thru.sec.l4. Thence N.0°1'W. and set temp.4 sec.cor. Continue on off- set line.	
	4 7. 62	Impracticable to chain from this point, From this point flag set 1.72 chs. S.0°1'E. of the true point for cor. of secs.11,12,13 and 14, brs.N.85°25'E. From 47.62 ch.point, measure a Base H. 20°25'E. 16.28 chs.from N. end of which, flag 1.72 chs. 'S.0°1'E. of the true	•
•	•	point for cor:of secs.Il,12 is and 14 brs.S.64°39'E. The three angles of the triangle are therefore 35° 4', 29°56, and 65°00', the sum of which is 180°00'. The distance triangluated is given by the sine proportion	ទ
		$\frac{X}{16.28} = \frac{\sin \cdot 85^{\circ}4'}{\sin \cdot 29^{\circ}56'}$ $\log \cdot 16.28 = 1.211654$ $\log \cdot \sin \cdot 85^{\circ}4' = 9.998388$ 1.210042 $\log \cdot \sin \cdot 29^{\circ}56' = 9.698094$ $\log \cdot X = 1.511948$	
		X = 32.50 chs. The lat.and dep.of this	

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1.2

16	Part	of Subdivision lines of Township 29 North Ranbe 14 West.
	Chains.	
	80.02	<pre>line are 2.60 chs. and 32.40 chs. respectively. The total length of line is therefore 32.40 + 47.62 A random run East from the true point for cor.of secs.10, 11,14 and 15 would fall 10 lks.S.of the true point for cor.of secs.11,12,13 and 14.</pre>
	32.51 40.01	Therefore, S.89°56'W., on a true line, bet. secs.ll and 14. Over mountainous land, thru. scattering timber and under- growth. Distance by triangulation. Thence by chaining on offset line. Set an iron post, 3 ft.long, 1 in. in diam.,10 ins. in the ground, with marked (X) stone, for $\frac{1}{4}$ sec.cor., and raise a mound of. stone around post, with brass cap, marked
		$\begin{array}{c} \frac{1}{4} & S & 11 \\ \cdot & S & 14 \\ 1921 \end{array}$
	49•45	Ascend. Ridge, brs.N.and S.
	6 3.50 65.50	Descend 245 ft. Cliff, 40 ft.high, brs.N.and S. Continue descent. Canyon, course N.20°W. Ascend 95 ft.
	66.65	Spur, slopes N. Descend 140 ft.
	67 . 35 70 . 00	Cliff, 50 ft.high, brs.N.40°E. and S.40°W. Continue de- scent:. Canyon, course NE.
	•	Ascend 100 ft. Spur, slopes S.
	79.82 80.02	Descend 50 ft. The witness cor. to cor. of secs. 10,11,14 and 15.
	80.02	The true point for cor.of secs. 10,11,14 and 15. Land, mountainous. Soil, rocky, 4th rate.
	•••••••	Timber, pine and cedar. Undergrowth, buck brugh and catclaw. Fair grazing.
,	м. <u>.</u>	
		From the true point for cor. of secs.10,11,14 and 15, N.0°1'W., bet. secs. 10 and 11. Over mountainous land, thru.scattering timber and under-
		growth. Ascend.
	5•75	Spur, slopes E. Descend 60 ft.
	14•50 27 75	Gulch, course E. Ascend 125 ft.
•	23•75 3 1 •00	Spur, slopes 'E. Descend 75 ft. Gulch, course E.
	36.00	Ascend 70 ft. Spur, slopes R.
	40.00	Descend. Set an iron post, 3 ft.long, 1 in. in diam., 12 ins.in
		the ground, with marked (X) stone, for $\frac{1}{4}$ sec.cor., and raise a mound of stone around post, with brass cap, marked
		S10 S11
		1921
	44.20	Descend 25 ft. Gulch, course N.30°E.
	- <u>7</u> - 7 • C V	

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	Part of	f Subdivision lines of Township 29 North Bange 14 West 17
	Chains.	,
	51.50	Ascend 40 ft. Spur, slopes N.40°E.
	69.20	Descend 85 ft. Gulch, course N.50°E.
	70.50	Ascend 20 ft. Spur, slopes N.40°E. Descend 85 ft.
	7 9 . 20	Canyon, course E. Ascend.
	80.00	Set an iron post, 3 ft.long, 2 ins.in diam., 26 ins.in the ground, for cor.of secs.2,3,10 and 11, marked on brass cap,
		T29N R14W
		$\frac{S}{S10} \frac{S}{S11}$
		1921
		and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
		W. of cor. Land, mountainous.
		Soil, rocky, 4th rate. Timber, cedar and pine.
	•	Undergrowth, black brush and cactus. Fair grass.
		Ŭ
		I 80°561 E on a true line bot good 2 and 11
		N.89°56' E., on a true line, bet. secs. 2 and ll. Over mountainous land, thru. scattering timber and under- growth.
	9•75	Descend 65 ft. Canyon, course N.60°E.
	13.40	Ascend 120 ft. Spur, slopes N. 40°E.
	19.00	Descend 140 ft. Gulch, course N.
	28.00	Ascend 230 ft. Spur, slopes N.
,	32.55	Descend 270 ft. Gulch, course N.
	40.00	Ascend 80 ft.
	· · · · ·	Set an iron post, 3 ft.long, 1 in. in diam.,12 ins.in the ground,with marked (X) stone,for $\frac{1}{4}$ sec.cor.,and raise a mound of stone around post, with brass cap marked
		$\frac{1}{4} \frac{S}{2}$
		S 11
		1921
	44•30 59•28	Ascend 50 ft. Descend 65 ft. Rim of impassable canyon, brs.N.and S. I abandon therew
	<i></i>	survey of this line at this point.
		Land, mountainous. Soil, rocky, 4th rate.
		Timber, pine and cedar. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.
		N.0°1'W., on a true line, bet. secs.2 and 3. Over mountainous land, thru. scattering timber and under-
		growth. Ascend 180 ft.
	10.00	Spur, slopes N. 40°E.
		Descend 175 ft.

, 9		f Subdivision lines of Township 29 North Range 14 West.
	hains.	T.SUMBIVISION TIMES OF TOWNSHID 29 NOT LA. MARGE 14 Meste
		Canyon course N.70°E.
	40.00	Ascend 170 ft. Set an iron post, 3 ft.long, 1 in.in diam.,26 ins.in the ground, for ½ sec.cor., marked on brass cap,
		S 3 S 2
		1921
	• •	and raise a mound of stone, 2 ft.base, 12 ft.high,W. of cor.
	45.20	Descend 105 ft. Canyon, course N.80°E.
	63.00	Ascend 215 ft. Spur,slopes N.40°E. Descend 270 ft.
	79•53	Rim of canyon, brs. E. and W. Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins.in the ground, with marked (X) ad stone, for witness cor, to cor. of secs. 2, 3, 34 and 35, on the N. bdy.of T. 29 N., R. 14 N., and raise a mound of stone around post, with brass cap, marked
		$ \begin{array}{c} W \\ T30N \\ S34 \\ S35 \\ S 3 \\ S 2 \\ T29N \\ 1921 \end{array} $
	· · ·	Impossible to continue line further north or east or west from this cor.; discontinue line at this point. Land, mountainous. Soil, rocky, 4th rate.
		Timber, pine and cedar. Undergrowth, buck brush, scrub oak, catclaw and cactus. Fair grazing.
	-	It is improve the lines bot goes 37 and 34
	•	It is impossible to survey the lines bet. secs. 33 and 34, and 27 and 34. I therefore commence at the cor.of secs. 27,28,33 and 34, established 80.00 chs.East of the cor. of secs.28,29, 32 and 33, hereinafter described.
		Thence, N.0°2'W., bet. secs. 27 and 28. Over mountainous land, thru. scattering timber and under- growth.
	9.30	Descend 90 ft. Gulch, course I. Ascend 215 ft.
	27,50	Ridge, brs.N.50°E. and S.40°W. Descend 110 ft.
	40.00	Set an iron post; 3 ft.kong, 1 in. in diam., on bed rock, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,
		\$28 ⁴ \$27
	-	1921
		from which, A cedar, 10 ins. in diam., brs. S. 30°E., 58 lks. dist., marked 1/4 S 27 BT.
		A cedar, 6 ins. in diam., brs. S. 82°W., 99 lks. dist., marked ½ S 28 BT. Descend 90 ft.
	53.05	Gulch, course N.60°E. Ascend 110 ft.

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	f Subdivision lines of Township 29 North, Range 14 West.
hains.	
58.00	Spur, slopes S.70°E.
63.20	Descend 20 ft. Ravine, 5 1ks.wide, course S.40°E.
	Ascend of it.
70.40	Ridge, brs.E.and W
80.00	Set an iron post, 3 ft.long, 2 ins. in diam. on bed rock,
	with cross (x) at exact cor. point for cor.of secs.21, 22,27 and 28, and raise a mound of stone around post, with brass cap, marked
, ·	
	T29N R14W S21 S22
	S28 S27
	1921
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, pine and cedar. Undergrowth, buck brush, scrub oak, catclaw and cactus.
	Fair'grass.
	East, on a true line, bet. secs. 22 and 27. Over rolling and mountainous land, thru. scattering tim-
	ber and undergrowth.
73 00	Descend 205 ft:
31.20	Gulch, course S. Ascend 160 ft.
38.00	Ridge, brs.N.40°W. and S.40°E.
40.00	Descend. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in
	the ground, for 4 sec.cor., marked on brass cap,
	<u>1 S 22</u>
	\$ 27 1921
	1921
	and raise a mound of stone, 2 ft.base. $l\frac{1}{2}$ ft. high,
	N. of cor.
57.10	Continue descent 185 ft. Gulch, course S.10°H.
	Ascend 125 ft., over cliffs.
63.50	Spur, slopes S. 50°E. Descend 200 ft.
72.10	Gulch, course S.
77.00	Ascend 200 ft. Spur, slopes S. 50°E.
	Descend 40 ft.
80.00	the ground with marked (x) stone for cor. of secs. 22,
	23, 26 and 27, and raise a mound of stone around post
	with brass cap, marked
	T29N R14W
	<u>S22 S23</u> S27 S26
	1921
	Land, rolling and mountainous. Soil, rocky, 4th rate.
	Timber cedar, juniper and pinyon.
	Undergrowth, buck brush, scrub oak, catclaw and cactus. Fair grazing.
•	±aii geauiig.

×		of Subdividion lines of Mounship 00 North Deves 14 Mont
	Chains.	of Subdividion lines of Township 29 North Range 14 West.
		N 0921W bet good 21 and 22
		N.0°2'W., bet. secs. 21 and 22. Over rolling and mountainous land, thru. scattering tim-
		ber and undergrowth.
	4.70	Descend 45 ft. Ravine, 10 lks.wide, course E.
		Ascend 110 ft.
		Ridge, brs.E.and W. Descend 55 ft.
	40.00	Set an iron post, 3 ft.long, 1 in.in diam., 8 ins. in the
2	•	ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,
		S21 S22
		1921
		from which,
		A cedar, 12 ins. in diam., brs. N. 403°E., 278 lks.dist., marked 4.S 22 BT.
	• •	A cedar, 16 ins. in diam., brs. N. 42, W., 260
		lks.dist., marked $\frac{1}{4}$ S 21 BT. Continue descent 20 ft.
	44.20	Ravine, 10 lks.wide, course N.50°E.
	50 .50	Ascend 40 ft.
		Spur, slopes H. Descend 105 ft.
	61.30	Ravine, 10 lks.wide, course N.60°W.
s.,	65.00	Ascend 30 ft. Spur,slopes W.
		Descend 90 ft.
		Gulch, course N.40°E. Ascend. 35 ft.
	74. 00,1	Descend.
	77.70	Gulch, course N.40°W. Ascend.
	1.8~	Descend.
	80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in the ground, for cor.of secs. 15,16,21 and 22, marked
		on brass cap,
		T29N R14W
•		<u>S16 S15</u>
		S21 S22
		1921 .
		from which,
		A cedar,12 ins.in diam., brs.N.18°H.,419 lks.dist., marked T29N R14W S15 BT.
		A cedar, 14 ins. in diam., brs. S. 344°E., 191
		lks.dist., marked T29N R14W S22 BT. A cedar, 6 ins. in diam., brs.S.57°W.,155
,		1ks.dist., marked T29N R14W S21 BT.
. •		A cedar, 24 ins. in diam.,brs.N.762°W.,257 lks.dist., marked T29N R14W S16 BT.
		Land, rolling and mountainous.
		Soil, rocky, 4th rate. Timber, cedar and pine.
		Undergrowtb, buck brush, scrub oak, catclaw and cactus.
		Fair grass.
		East, on a random line, bet. secs. 15 and 22.
	40.00	Set temp. ¹ / ₄ sec.cor.
	80.30	Intersect the cor. of secs.14.15,22 and 23. Thence,
		West, on a true line, bet. secs.15 and 22,
		Over rolling and mountainous land, thru.scattering timber
		,

	Part o	f the Subdivision lines of Township 29 North, Range 14 West.	21
	Chains.		
		and undergrowth.	
	0.00	Descend.	
		Gulch, course N.60°E. Ascend 135 ft.	
	22.30	Spur, slopes N. 70°E.	
		Descend. Ravine, 10 1ks.wide, course N.	
		Ascend	
	40.15	Set an iron post, 3 ft.long, 1 in. in diam.,10 ins.in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked	
	•	on brass cap,	
		$\frac{1}{4}$ $\frac{5}{20}$	
	•	$\begin{array}{c} 1 \\ 5 \\ 15 \\ 5 \\ 1921 \end{array}$	
	. •	from which, A cedar, 6 ins. in diam., brs. N. 58°E., 158 1ks.	
	•	dist.	
		A cedar, 10 ins. in diam., brs. S. 28°E., 72 lks. dist., marked $\frac{1}{4}$ S 22 BT.	
		Continue ascent, 40 ft.	
·	45.30	Spur, slopes N.30°E.	
	49.70	Descend 25 ft. Ravine, 5 lks.wide, course N.30°W.	
		Ascend.	
		Ridge, brs.N.40°E. and S. Descend 160 ft.	
	80.30	The cor. of secs. 15, 16, 21 and 22.	`
	- 	Land, molling and mountainous. Soil, rocky, 4th rate.	
	• • • •	minihan mine and adam	
		Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.	
•			•••
		N.0°2N., bet. secs.15 and 16.	
		Over rolling and mountainous land, thru. scattering tim- ber and undergrowth.	
		Descend.	
	1.70	Gulch, course N.40°E. Ascend.	
	3.20	Descend.	
	5.15	Gulch, course N.20°W. Ascend.	
	8.40	Descend 30 ft.	
	15.70	Leave timber, enter draw, 10 lks.wide, course N. Leave draw, course NE. Enter timber.	
	17.50	Ascend 45 ft.	53
	30.00	Spur, slopes E.	11
	40.00	Descend 90 ft. Set an iron post, 3 ft.long, 1 in. in diam., 12 ins.in	
	•	the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor.,	•
		marked on brass cap,	
		s16 s15	
		210/210	
		1921.	
		from which,	
		A cedar, 12 ins. in diam., brs. S. 15°E., 93 1ks.	materia .
		dist., marked $\frac{1}{4}$, S 15. BT. A cedar, 6 ins. in diam., brs.S.18 $\frac{1}{2}$ °W., 32 lks.	1. P 4
		dist., marked 7.5 10 BT.	1
	41.30	Gulch, course E. Ascend 165 ft.	•
	3		

22. Part of Subdivision lines of Township 29 North. Range Chains.	14 West.	
74.00 Ridge, brs.N.30°E. and S.40°W	•	
80.00 Bet an iron post, 3 ft.long, 2 ins. in diam., 2 the ground, for cor.of secs.9,10,15 and 16, brass cap,	6 ins.in. marked on	
$\begin{array}{c c} T29N & R14W \\ \underline{S \ 9} & S10 \\ \hline S16' & S15 \\ 1921 \end{array}$	•	
from which, A cedar, 10 ins. in diam., brs.N.49 ⁴ °E, lks.dist., marked T29N R14W S10 BT, A cedar, 14 ins.in diam., brs.S.29 ⁴ °E, lks.dist., marked T29N R14W S15 BT, A cedar, 6 ins.in diam., brs.S.59°W., 116 dist., marked T29N R14W S16 BT. A cedar, 12 ins. in diam., brs.N.9 ¹ / ₂ °W., 11 dist., marked T29N R14W S9 BT. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine and cedar. Undergrowth, buck brush, scrub oak, catclaw and Fair grazing.	162 8 lks. 10 lks.	
		•
East, on a random line, bet. secs.10 and 15. 40.00 Set temp. 1/2 sec.cor. 80.20 Intersect N.and S. line, 3 1ks.N. of the true p cor.of secs.10,11,14 and 15, witnessed 0.20 as hereinbefore described.	point for chs.East,	
Thence, N.89°59'W., on a true line, bet. secs.10 and 19 Over rolling land, thru. scattering timber and Ascend 95 ft.	5. undergrowth	•
13.20 Spur, slopes N.50°E. Descend 45 ft. 21.00 Ravine, 10 lks.wide, course N.30°E.		
Ascend 50 ft. 31.20 Ridge, brs.N.20°E. and S.20°W. Descend 45 ft. 40.10 Set an iron post, 3 ft.long, 1 in. in diam., 26	5 ins.in	
the ground, for $\frac{1}{4}$ sec.cor., marked on brass	cap,	
<u>+ S 10</u> S.15 1921.	•	
-from which, A cedar, 8 ins. in diam.,brs.N.24 ² °W., lks.dist., marked ¹ / ₄ S,10 BT. A cedar, 12 ins. in diam.,brs.S.74 ¹ / ₄ °W., lks.dist., marked ¹ / ₄ S 15 BT. Descend.		
41.20 Center of draw, 1.50 chs.wide, course N. Ascend, 44.70 Descend.		
48.00 Center of draw, 2 chs.wide,course N.20°E. Ascend 55 ft.		
78.20 Ridge, brs.N.30°E. and S.30°W. Descend.		
80.20 The cor of secs.9,10,15 and 16 Land, rolling. Soil,rocky, 4th rate. Timber, pine and ecdar.		
Undergrowth, buck brush, scrub oak, catclaw and	d cactus.	
Fair grazing.		•.

OOK 3564

	Part o	f Subdivision lines of Township 29 North, Range 14 West. 2	23
	Chains.		
		N.0°2'W., bet. secs. 9 and 10. Over mountainous land, thru. scattering timber and under- growth.	
-	40.00	Descend 65 ft. Set an iron post, 3 ft.long, 1 in. in diam., 6 ins. in 'the ground, in a mound of stone with marked(X) stone for 4 sec.cor., marked on brass cap,	<i>8</i>
			-
	•	S 9 S10 1921	
• -			
		and raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor.	
		Continue descent, 200 ft.	
	57•95	Canyon, course N.60°W. Ascend 40 ft.	
	65.55	Spur, slopes N.60°W.	
	70.75	Descend 135 ft. Gulch, course W.	
	80.00	Ascend 135 ft. Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in the ground, for cor.of secs.3,4,9 and 10, marked on	
	_	brass cap,	
		T29N R14W	
		<u>5453</u>	
		S 91S10 1921	
-			
		and raise a mound of stone, 2 ft. base, $l\frac{1}{2}$ ft.high, W.of cor.	-
		Land, mountainous. Soil, rocky, 4th rate.	
	3	Timber, pine and cedar. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.	
			·
	•		•
	40.00	S.89°59'E., on a random line, bet. secs.3 and 10.	
	40.00 80.10	Set temp. 4 sec.cor. Intersect N.and S. line, 19 lks.S.of the cor.of secs.2,	
		3, 10 and 11.	
		Thence, S.89°53'W. on a true line, bet. secs.3 and 10.	*
		Over mountainous land, thru. scattering timber and under- growth.	
	• · · ·	Ascend 215 ft.	
	12.10	Spur, slopes S. Descend 55 ft.	
	121.60	Ravinė, course S. Ascend 80 ft.	
	30.10		
		Descend 110 ft. Ravine, 5 1ks.wide, course S.	
	38.10	Aseand	-
	40.05	Set an iron post, 3 ft.long, 1 in. in diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on prass cap,	
		$\frac{1}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	
		S 10	
	、	1921 from which,	
	•	A cedar,8 ins. in diam., brs.N.832°EA, 176 lks.dist., marked 2 S 3 BT.	
		A cedar, 6 ins. in diam., brs. +.51°E.,145	12
	· · .		

	rt of Subdivision lines of Township 29 North, Range 14 West
Chains.	
	lks.dist.,marked $\frac{1}{4}$ S 10 BT.
	Continue ascent,120 ft.
71.00	Ridge, brs.N.60°E. and S.40°W.
80.10.	Descend 25 ft. The cor.of secs.3,4,9 and 10.
00.10	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, pine and cedar. Undergrowth, scrub oak, buck brush, catclaw and cactus.
	Fair grazing.
• •	N.0° 2'W., bet. secs. 3 and 4.
· .	Over mountainous land, thru. scattering timber and under-
12.60	growth. Descend 205 ft.
14.82	Indian house brs.N.22°8'E. Group of housess bear N.21°
24.52	37'E. Rim of canyon, brs. N. 40°W. and S. 40°E. Impossible to sur-
24.92	vey this line farther.
	Land. mountainous.
•	Soid, rocky, 4th rate
•	Undergrowth, scrub oak, buck brush, catclaw and cactus.
н 	Fair grazing.
	At 2.50 chs., West of the cor. of secs.3,4,9 and 10, rim of impassable canyon, bearing N.and S., renders the mile
	between secs.4 and 9 insurveyable.
	From the cor. of secs. 28,29, 32 and 33, hereinafter de-
•	scribed, established 80.00 chs.East of the cor.of
	secs. 29,30, 31 and 32, hereinafter described, S.0°3'E., bet. secs. 32 and 33.
-	Over mountainous land, thru. scattering timber and under-
· · ·	growth. Ascend 25 ft.
10.40	Spur, slopes W.
	Descend 30 ft.
14.55	Ravine, 5 lks.wide. course W. Ascend 100 ft.
24.00	Spur, slopes.W.
•	Descend.
 27.20	Ravine, course W. Ascend 25 ft.
34.40	Spur, slopes W.
	Descend 55 ft.
40.00	Set an iron post, 3 ft.long, 1 in. in diam. on bed rock, with marked (X) stone for $\frac{1}{4}$ sec. cor., and raise a
- 	mound of stone around post, with brass cap, marked
	<u>1</u>
	S32 S33'
i	1921
. · ·	,±9′±
42.00	Rim of impassable canyon, brs.E.and W. I abandon the sur-
	vey of this mile at this point. Land. mountainous.
r.	Soil, rocky, 4th rate.
	Timber, pinyon, cedar and juniper.
	Undergrowth, scrub oak, buck brush, catclaw and cactus.
	Fair grazing.

 Part of	Subdivision lines of Township 29 North, Range 14 West. 251
Chains.	
а н г	East, on a true line, bet. secs.28 and 33. Over molling and mountainous land, thru. scattering timber and undergrowth.
21.00	Ascend 125 ft. Ridge, brs. N.70°E. and S.40°W. Descend 140 ft.
38.40	Ravine, 5 lks.wide, course S. Ascend 30 ft.
40.00	Spur, slopes S. Set an iron post, 3 ft.long, 1 in. in diam., 12 ins. in the ground, with marked (X) stone, for $\frac{1}{4}$.sec. cor., and raise a mound of stone around post, with
	brass cap, marked
	$\frac{\frac{1}{4}}{\frac{S}{1921}}$ $\frac{\frac{S}{28}}{\frac{1}{1921}}$
	Descend 40 ft.
43.00 54.50	Ascend 25 ft. Spur,slopes S.60°E. Descend 30 ft.
62.00	Gulch, course S.10°W. Ascend 55 ft.
70.00	Ridge, brs.N.60°W. and S.60°E.
80.00	Descend 35 ft. Set an iron post, 3 ft.long, 2 ins. in diam., on bed rock, with cross (x) at exact cor.point, in a mound of stone,
	for cor. of secs. 27, 28, 33 and 34, marked on brass cap,
	T29N R14W . S28 S27
	S33 S34
• • •	· 1921
	from which, A cedar, 10 ins. in diam., brs.S.73°W.,330 lks.
•	dist., marked T29N R14W S33 BT. A cedar: 24 ins.in.diam.,brs.H.9°W.,237 1ks.
	dist., marked T29N R14W S28.BT.
•	At 4 chs. East of this cor., rim of impassable canyon brs.
	N.40°E. and S.40°W. At 3.36 chs.South.of this cor., rim of impassable canyon brs.N.40°E. and S.40°W.
	Land, rolling and mountainous. Soil, rocky, 4th rate.
	Timber, cedar, pinyon and juniper.
	Undergrowth, scrub oak, buck brush, sagebrush, catclaw and cactus.
	Fair grazing.
i.	
· · · ·	N.0°3' W., bet. secs.28 and 29. Over rolling land, thru. scattering timber and under- growth.
7 7 0	Descend 65 ft.
7.70 26.00 40.00	Ravine, 10 lks.wide, course W. Ascend 45 ft. Leave timber, brs.N.40°E. and W. Thence over clevel land. Set an iron post, 3 ft.long, 1 in.in diam.,26 ins.in the ground, for 4 sec.cor., marked on brass cap,
	\$29 \$28 1921
-	. 1921
	from which,
	A cedar, 6 ins. in dia, brs. S. 2440 E., 398 lks.

	of Subdivision lines of Township 29 North Range 14 West.
Chains.	
1. T. A.	. dist., marked $\frac{1}{4}$ S 26 JT. A cedar, 12 ins.in diam., brs.N.60°W.,419 lks. dist., marked. $\frac{1}{4}$ S 29 BT.
45.00	Leave level land, brs.NE and SW., and ascend. Enter timber, brs.E.and W.
50000	Low spur, slopes E. Descend 25 ft.
53.00	Leave timber, brs. N.30°W. and S.30°E. Thence over level land.
78.80	Wash, 10 lks.wide, in center of broad draw, course N.30°E. Camp road, brs.N.30°E. and S.30°W. Set an iron post, 3 ft.long, 2 ins. in diam. 26 ins.in the ground, for cor.of secs.20,21, 28 and 29, marked on brass cap,
	T29N R14W <u>S20 S21</u> S29 S28 1921
 •	from which, A cedar, 12 ins. in diam., brs. N. 52°E., 662 lks.dist., marked T29N RL4W S21 BT. A cedar, 12 ins. in diam., brs.S. 80 ⁺ ₂ °E., 670 lks.dist., marked T29N RL4W S28 BT. A cedar, 20 ins.in.diam., brs.S. 79 ⁺ ₂ °W., 255 lks.dist., marked T29N RL4W S29 BT. A cedar, 10 ins. in diam., brs. N. 73 ⁺ ₂ °W., 397 lks.dist., marked T29N RL4W S20 BT. Land, level and rolling. Soil,rocky, 2nd and 3rd rate. Timber, cedar, pinyon and juniper. Undergrowth, scrub oak, bick brush, catclaw and cactus. Fair grazing.
40.00 79.88	East, on a random line, bet. secs. 21 and 28. Set temp. 4, sec.cor. Intersect N. and S. line, 2 lks.S. of the cor.of secs. 21,22, 27 and 28, Thence,
	<pre>S.89°59'W, on a true line, bet. secs.21 and 28. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 50 ft. Spur, slopes SE. Descend 75 ft. Ascend 30 ft. Set an iron post, 3 ft.long, 1 in.in diam.,6 ins.in the ground, in a mound of stone for 4 sec.cor., marked on brass cap.</pre>
	$\frac{1}{4}$ S 21 S 28 1921
•	from which, • A cedar, 8 ins.in diam., brs. N.32° W.,253 lks.dist., marked $\frac{1}{4}$ ·S 21.BT. • A cedar,8 ins. in diam., brs.S.28 $\frac{1}{4}$ °W.,101 lks.dist., marked $\frac{1}{4}$ S 28 BT. Continue ascent 30 ft.
45•30 79•50 79•88	Ridge brs.NE. and S. Descend 200 ft. Road to camp, brs.N. and S. The cor.of secs.20,21, 28 and 29. Land, rolling and mountainous. Soil, rocky, 4th rate.
•	Timber, cedar, pinyon and juniper.

EOOK 3564

Part Chains.	of Subdivision lines of Township 29 North, Range 14 West.
	Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.
00 00	N.0°3'W., bet. secs. 20 and 21 Over level land, thru. scattering undergrowth.
20.00 21.30	Descend 30 ft. Wash, 5 lks.wide, 1 ¹ / ₂ ft. deep, course E.
25.00	Ascend 95 ft. Enter scattering timber and dense undergrowth, brs.SE. a SW.
32.00	Spur, slopes E. Descend.
40.00	Set an iron post, 3 ft. long, 1 in. in diam, 26 ins.in the ground for 4 sec.cor., marked on brass cap,
	S20 S21
u u	from which, A cedar, 6 ins. in diam., brs.N.76°E.,16 lks.
	dist., marked $\frac{1}{4}$ S 21 BT. A cedar, 7 ins. in diam., brs.N. 29 $\frac{1}{4}^{\circ}$ W., 62 <u>lks.</u> dist., marked $\frac{1}{4}$ S 20 BT.
49.60	Continue descent, 30 ft, Road to camp, brs.E.and W.
51.50	Wash,15 lks.wide, 4 ft. deep, course E. Ascend.55 ft.
63.30	Spur, slopes E. Descend.
80.00	Set an iron post, 3.ft.long, 2 ins.in diam., 28 ins.in the ground, for cor.of secs.16,17,20 and 21, marked on brass cap.
•	T29N K14W
	<u>S17 S16</u> S20 S21
	1921
	from which, A cedar, 10 ins. in diam., brs.N.274°E., 193 lks.dist., marked T29N R14WS16BF. A cedar, 8 ins.in diam., brs. S.284°E., 79
. •	lks. dist., marked T29N R14W S21 BT. A cedar,6 ins.in diam., brs.S.52°W., 358 lks.dist., marked T29N R14W S20 BT.
· • •	A cedar,6 ins.in diam., brs.N.194°W.,269 lks.dist., marked T29N R14W S17 BT. Land, level and rolling.
	Soil, rocky, 4th rate. Timber, pine, cedar, pinyon and juniper. Undergrowth, buck brush, scruboak, catclaw and cactus.
,	Pair grass.
•	e *
40.00	N.89°59'E., on a random line, bet. secs.16 and 21. Set temp. 1 sec. cor. Intersect N.and S. line, 7 1ks.S.of the cor.of secs.15,16
79•70	21 and 22. Thence,
•	S.89°56'W., on a true line, bet. secs.16 and 21. Over mountainous land, thru. scattering timber and under-
ر السري المراجع	growth. Descend.
1.20	Gulch, course N.

28	Dart 0	f the Subdivision lines of Township 29, North, Range 14 West.
	hains.	
	6.20	Ascend 95 ft. Spur, slopes N. 20°E.
	9.90	Descend 40 ft. Gulch, course N.20°E.
	23.20	Ascend 115 ft. Ridge, brs.N.30°E. and S.30°W.
	30.70	Descend 85 ft. Gulch, course. N1209 H.
	37.70	Ascendal155ft. Ridge, brs.W.and S. Descend.
	39.85	Set an iron post, 3 ft.long, 1 in. in diam., 6 ins.in the ground, in a mound of stone,for. 2 sec.cor., marked on brass cap,
	-	
×	e .	$\frac{1}{4} \frac{S}{S} \frac{16}{S}$
		1921
-		from which, A cedar, 4 ins. dimm., brs. N.13°E., 149 lks. dist., marked $\frac{1}{4}$ S 16 BT.
· * *	• • •	A cedar, 8 ins. in diam., brs. S.34 ² °2.,185 lks. dist., marked ¹ / ₄ S 21 BT.
	48.70	Continue descent, 120 ft. Enter draw; course N.70°E. Leave timber, brs. N.70°E.and
	64.70	S. 70°E. Leave draw, course N.70°E. Ascend.
	67.70 74.58	Descend 40.ft. Center of draw, 50 lks.wide, course N.50°E.
	79.70	Ascend 45 ft. The cor.of secs. 16,17,20 and 21.
		Land, mountainous and rolling Soil. rocky, 4th rate.
•		Timber, cedar, pinyon, juniper and pine. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.
		N.0°3' W., bet. secs. 16 and 17. Over rolling land, thru. scættering timber and dense undergrowth. Ascend. 25 ft.
	8.00 18.63	Descend 60 ft. Draw, course NA.
	40.00	Ascend 60 ft. Set an iron post, 3 ft.long, 1 in. in diam., 12 ins.in the ground, in a mound of stope, for ‡ sec.cor., marked
. •		on brass cap,
		· S17 S16
	₽	1921
	•	from which, A cedar,4 ins.in diam., brs.S.87 ^{1/2} °E.,53 lks. dist., marked ^{1/4} S 16 BT. A cedar, 10'ins.in diam., brs.N.75 ^{1/4} °N.,34 lks.
	, ,	dist., marked $\frac{1}{2}$ S 17 BT. Descend 95 ft.
	57.42	Gulch, course SW. Ascend 80 ft.
	65.00 80.00	Descend 25 ft. Set an iron post, 3 ft.long, 2 ins. in diam., 6 ins.in the ground, in a mound of stone with marked (X)stone, for cor.of secs. 8,9,16 and 17, marked on brass cap,

BOCK 3564

	of Subdivision lines of Township 29 North.Range 14 West. 2
Chains.	
	T291 R14W
	$\cdot \underline{s} \underline{8} \underline{s} \underline{9} $
	S17!S16
	1921
	from which,
	A cedar, 10 ins. in diam., brs. N. 79 [±] °E., 477 lks.
	dist. marked T29N R14W S9 BT.
	A cedar. 8 ins. in diam., brs. S. 26°E., 154 lks.
	dist., marked T29N R14W S16 BT.
	A cedar, 6 ins. in diam., brs. S. 37 ¹ / ₂ °W., 196 lks.
с	dist., marked T29N R14W S17 BT. No other trees within limits.
	Land, rolling.
	Soil. rocky. 4th rate.
	Timber, cedar, juniper, pinyon and pine.
	Undergrowth, scrub oak, buck brush, catclaw and cactus.
	Fair grazing.
-	
	N, 89°56'.E., on a random line, bet. secs.9 and 16.
40.00	Set temp. 4 sec. cor.
79.80	Intersect N. and S. line, 30 lks.S.of the cor.of secs. 9. 10, 15 and 16.
	Thence ,
	S.80°/3'W. on a true line. bet. secs.9 and 16.
	Over rolling land, thru. scattering timber and under-
	growth.
	Descend 20 ft. Ravine, 10 1ks.wide, course N.30°W.
10.00	Ascend.
16.50	Spur, slopes N.
	Descend.
24.75	Ravine, 10 lks.wide, course N.20°E.
33.00	Ascend. Ridge, brs.N.and S.
55.00	Descend 20 ft.
39.90	leat an iron nest 3 ft. long 1 in. in diam. 8 ins. in the
	ground, in a mound of stone, for 4 sec.cor., marked on
	brass cao,
	1 S 9
	<u>5 16</u>
1 · · · · ·	$ \frac{1}{4} \frac{S}{9} \frac{9}{4} \frac{1}{5} \frac{16}{1921} $
	• from which, A cedar, 6 ins.in diam., brs. N. 6 ¹ / ₂ °E., 59 lks.
	dist. marked \neq S 9 BT.
	A cedar limb, 5 ins.in diam., brs.S.80°E., 22 1ks.
	dist., marked \pm S 16 BT.
	Continue descent, 45 ft.
49.20	Center of draw, 150 lks.wide, course N.20°W.
EE 00	Ascend 35 ft. Descend.
55.00 57.60	Center of draw, 1 ch.wide, course N.30°E.
	Ascend 15 ft.
63.00	Spur, slopes N. 30°d.
	Descend
76.20	
79.80	Ascend 25 ft. The cor. of secs. 8,9,16 and 17.
13.00	Land, rolling.
	Soil.rocky. 4th rate.
	Timber cedar juniper, pine and pinyon.
	Undergrowth, scrub oak, buck brush, catclaw and cactus.
-	Fair grazing.

.

		t of Subdivision lines of Townshid 29 North Range 14 West
Ŋ		N.0°3'W., bet. secs. 8 and 9. Over rolling and mountainous land, thru. scattering tim-
•	4.00	ber and undergrowth. Ascend. Descend 50 ft.
en na serie de la constante de Constante de la constante de la c	4.00 13.50	Head of ravine, course E.
	19.00	Ridge, brs.N.40°E. and S.40°W Descend 280 ft.
	36.30	Gulch, course N.30°W. Ascend.
	40.00	Set an iron post, 33 ft. long, 1 in. in diam., on bed rock, with marked (X) stone, for \pm sec.cor., and raise a mound of stone around post, with brass cap, marked
	• 4	$\mathbf{S} \otimes \mathbf{S} \otimes \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{S}$
		1921
	40.12	Rim of impassable canyon, brs.N.10°E. and S.10°W. I abandon the survey of this line at this point.' Land, rolling and mountainous. Soil, rocky, 4th rate.
		Timber, cedar, pine, pinyon and juniper. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grass:
		From the witness cor. to standard.cor. of seds. 31 and 32, on the Seventh Standard Parallel North, estab- lished 2.75 chs.N. of the true point for.cor., as. hereinbefore described, N.0°3'W., bet: secs. 31 and 32. Over mountainous land, thru. scattering timber and under growth.(Distances from true.point).
	12.90 [.]	Ascend 140 ft. Ridge, brs.E.and W.
	15.90	Wash, 15 1ks.wide, course E.
	29.90 32.90	Descend. Ravine, 15 lks.wide, course E. Ascend 20 ft.
·	40.00	Set an iron post, 3 ft.long, 1 in. in diam.,14 ins.in the ground, in a mound of stone, for 4 sec.cor., marked on brass cap, .
	• • • • • • • • • • • • • • • • • • •	$\frac{1}{4}$
		S31 S32
		from which, A cedar, 8 ins. in.diam., brs.N.624°E.,37 lks.
		dist., marked ½ S 32 BT. A cedar, 6 ins. in diam., brs.N.84½.W.,26 lks. dist., marked ½ S 31 BT.
	42.50	Continue ascent,15 ft. Spur,slopes S.60°E. Descend 15 ft.
	48.70 70.00	Ravine, 10 lks.wide, course S.30°2. Ascend 120 ft.
	80.00	Descend 25 ft. Set an iron post, 3 ft.long, 2 ins. in diam., 10 ins.in
		the ground in a mound of stone, for cor. of secs. 29,30, 31 and 32, marked on brass cap,
	1	

		Subdivision lines of Township 29 North, Range 14 West, 31
	Chains.	$\begin{array}{c c} \mathbf{T29N} & \mathbf{R14W} \\ \mathbf{S30} & \mathbf{S29} \end{array}$
		· · · · · · · · · · · · · · · · · · ·
		from which, A cedar,6 ins.in diam., brs.N.234°E.,67 lks. dist., marked T29N RL4W S29 BT. A cedar,6 ins.in diam., brs.S.552°E.,86 lks. dist., marked T29N RL4W S32 BT. A cedar,8 ins.in diam., brs.S.10°W.,40 lks.
	•	dist., marked T29N R14W S31 BT. • A cedar, 6 ins.in diam., brs.N.58 ¹ / ₂ °W., 140 lks. dist., marked T29N R14W S30 BT.
	• • • • • • •	Land, mountainous. Soil, rocky, 4th rate. Timber, cedar, pinyon, pine and juniper. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grass.
, ,	•	Bast, on a true line, bet. secs. 29 and 32. Over rolling and mountainous land, thru. scattering under- growth. Ascend 20 ft.
	3.00 18.00 34.00 40.00	Descend 25 ft. Center of draw,1 ch.wide,course N. Asc.65 ft. Ridge,brs.N.60°H.and S.60°W. Descend. Set an iron post,3 ft.long,1 in.in diam.,14 ins.in the ground,in a mound of stone,for $\frac{1}{4}$ sec.cor.,marked on
		5 Fass cap , $\frac{1}{4}$ S 29 S 32 1921
	•	from which, A cedar,10 ins.in diam., brs.N.594°W.,86 lks. dist., marked 4 S 29 BT. A cedar,6 ins.in diam., brs.S.534°W.,118 lks. dist., marked 4 S 32 BT.
	61,10	Descend 245 ft. Ledge of rocks,20 ft.high,brs.N.70°E.and S.70°W. Continue descent.
	71.70 80.00	Head of canyon, course S. Ascend 145 ft. Set an iron post, 3 ft.long, 2, ins.in dian., 12 ins.in the ground, in a mound of stone, with marked (X), stone efformeor. of secs: 28, 29, 32 and 33, marked on brass cap, T29N R14W S29 S28 S32 S33 1921
	•	and raise mound of stone,3 ft.base,2 ¹ / ₂ ft.high,W.of cor. Land,rolling and mountainous. Soil,rocky,4th rate. Timber, juniper, cedar, pinyon and pine. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grass.
	40.00 79.92	West, on random line, bet. secs. 30 and 31. Set temp. 4 sec. cor. Fall 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of Tp., described in Book "G."
	4.50 5.25 17.00	Thence, N.89°56'E, on a true line, bet. secs.30 and 31. Over rolling land, thru.dense timber and undergrowth. Inter level land. Leave timber. Road, brs.N.50°E. and S.50°W. Leave flat; enter timber. Ascend. Descend gradually.
-	32.00 39.50 39.92	Ravine, 10 lks.wide.course N.60°E. Ascend. Set an iron post, 3 ft.long, 1 in.in diam., 16 ins.in the ground, in a mound of stone, for 4 sec.cor., marked on brass cap,
		$\frac{1}{5} \frac{5}{30}$
		1921 from which,
		ξ

	32 Pe	art of Subdivision lines of Township 29 North, Range 14 West	.
	Chains.	A cedar, 12 ins. in diam., brs. N. 3° E., 98 lks. dist., marked 4 S 30 BT. A cedar, 10 ins. in diam., brs. S. 45° E., 120 lks. dist., marked 4 S 31 BT.	• • •
	43.00 60.00	Continue ascent. Low spur, slopes N. Desc. gradual slope. Center of draw, 2 chs.wide, course N. Trail to Horse Flat Tank, brs. S. and N. Asc. slightly.	
	73.00 79.92	Descend. Center of draw, 150 lks.wide.course N. Asc. 45 ft. The cor.of secs.29,30,31 and 32. Land.rolling and level. Soil, rocky, 4th rate. Timber, cedar, pine, juniper and pinyon. Fair grazing.	
		N.0°3'W., bet.secs.29 and '30. Over rolling land, thru.scattering timber and undergrowth. Descend 75 ft.	
	27.40	Center of draw,2 chs.wide,course N.60°L. Trail in draw,brs N.60°E.and S.60°W. to Horse Flat Tank. Ascend. Low spur, slopes R. Set an iron post,3 ft.long,1 in.in diam 8 ins.in the ground, in a mound of stone.for z sec.cor.	
	•	marked on brass cap, S30 1921 from which,	
		A cedar, 5 ins. in diam., brs. N. 88 ⁴ °E., 167 lks. dist., marked 4 S 29 BT. A cedar, 6 ins. in diam., brs. S. 38°W., 71 lks. dist., marked 4 S 30 ST.	
	44•50 46•95 53•00	Descend 30 ft. Leave timber, brs. E. and W. Thence across draw, course E. Road to camp, brs. E: and W. Leave draw, course E. Enter timber, brs. E. and W. Asc. 75 ft.	-
	64 .6 0	Pur, slopes f, Descend. Ravine, 5 lks.wide, course S. 50°E. Ascend 145 ft. Ridge, brs. f. and W. Desc. 55 ft. Set an iron post, 3 ft. 10ng. 2 ins. in diam. on bedrock with	L
•		cross (x)at exact cor.point for cor.of secs.19,20,29 and 30; and raise a mound of stone arpund post, with brass.cap, marked T29N R14W \$19 \$29	
-		5301829 1921 from which,	
. •	•	A cedar,8 ins.in diam., brs.N.12 ¹ / ₂ °E.,167 lks. dist:, marked T29N R14W S20 BT. A cedar,8 ins.in dia, brs.S.9 ¹ / ₂ °E.,278 lks. dist., marked T29N R14W.S29 BT. A cedar,12 ins.in diam., brs.S.80°W.,278 lks.	· ·
		dist.,marked T29N R14W S30BT. A cedar,4 ins.in diar.,brs.N.51°W.,74 lks. • dist., marked BT. Land. rolling and mountainous: Soil,rocky.4th rate.	
х	•	Limber.cedar,plnyon,juniper and pine. Undergrowth,scrub oak,buck brush,catclaw and cactus. Fair grazing.	
	40.00 80.02	East, on a random line, bet.secs.20 and 29. Set temp. z sec.cor. Intersect N.and S.line, 14 1ks.S.of the cor.of secs.20,21, 28 and 29.	,
	3.00 32.00 40.01	Thence,S.89°54'W.on a true line, bet.secs.20 and 29. Over rolling land, thru.scattering undergrowth.Across draw. Enter timber, brs.N.and S. Asc. 95 ft. Ridge, brs.N.60°E.& S.60°W. Thence along N.slope. Set an iron post,3 ft.long,l in.in diam., 10 ins.in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on	•
		brass cap, $\frac{\frac{1}{4}}{4} \frac{s}{\frac{s}{29}}$ from which, 1921	•

<pre>Chains. A codar, 8 inc.in diam., bre. N. 152°W., 144 lis.</pre>		Part	of Subdivision lines of Township 29 North Bange 14 West	<u> </u>
 1. Los dist limited -5 -20 '54. a. Around 1. Los dist limited -5 -20 '54. (a. 1. Limited -5 -20 '54. (b. 1. Limited -5 -20 '54. (c. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		Chains.	A cedar. 8 ins. in diam. brs. N. 15° °W. 144 lks.	
 1. The Algorithms, larked 45 29 37. 20, 50 Same ridge, presk, 40701. axi. 3, 4072. Descend 20 ft. 45.00 Head of traw, course 6. Accent 125 ft. 50.02 Ther ogr. of secs. 19, 20, 29 and 30. 1. Theor, ocider, junitor, pinyon and 31ne. 1. Second, 2. Status, back bruck, catclaw and cactus. Fair grazing. . Solver colling and mountainous land, thru. sections and 30. 20.00 Set temp.; sec.or. 8. 89°56'W., on a rundom line, bet. secs.19 and 30. 20.00 Set temp.; sec.or. 8. 89°56'W., on a rundom line, bet. secs.19 and 30. 20.00 Set temp.; sec.or. 8. 120 Lts.H. of the cor. of secs. 19, 24, 25 and 30, on the W. bdy.of Tp., described in Jook "G." 1. 30°47'E. on a true line, bet. secs.19 and 30. 20.00 Ver rolling and mountainous land, thru. seattering timber and undergrowth. iscend 30 ft. 3. Sport slopes H. 3. Set a tron post, 3 ft. long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked on brass cap. 1. Set an tron post, 3 ft. long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked on brass cap. 1. Set an tron post, 3 ft. 3. So 1921 from which, "A codar, 14 ins.in diam.; brs. M. 62°E., 160 lks. dist:, marked ± S 19'-T. A codar, 10 lks.in dist., brs. S.2°2., 340 lks. dist., marked ± 5 30 Jf. 3. Sport, slopes H. 40°W. bescend 35 ft. 3. Sport, slopes H. 40°W. bescend 55 ft. 5. Sport, slopes H. 40°W. bescend 55 ft. 			lks.dist.marked 25.20 BP.	
<pre>4steend</pre>		A4.00	Hand of dr Mas.doist.e. Marked 18 29 BT	
 45.00 Head of True course 5. Accent 125:15. 67.00 Bamorings brs. H. 70°SL and S. 70°SL. Descond. The our of sees. 19, 20, 20 and 30. Land, geolings. Sollyrocky, the rate. Indergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. 			Ascender 12 years .	
 57.00 Same:ridge, brs. J. 70°ELand'S, 70°EL. Descend. 60.02 Ene ogr. 07 Sec. 19.20, 20 and 30. Indergrowth, scrub eak, buck brush, catolaw and cactue. Fair grazing. 5. 89°56'W. on a random line, bet. secs.19 and 30. 60.00 Set tamp.; the or. of secs. 19,24, 25 and 30, on the W. bdy. of TP., described in Book "2." 7.00 Fail 21 lines. N. of the cor. of secs. 19 and 30. 7.00 Set tamp.; tesc. or. 7.00 Set tamp.; tesc. or. 7.00 Set tamp.; tesc. or. 8.00 Over rolling and mountainous land, thru. scattering timber and undergrowth. 9.00 Descend 30 ft. 9.01 Sour slopes H. 9.05 Callon, course H. 9.06 Set a ft. 9.06 Set a ft. 9.07 Callon ourse H. 9.08 Second 30 ft. 9.09 Callon course H. 9.00 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked oh brase cap. 19.15 Sour slopes H. do ft. 9.21 Sourd ob rase cap. 19.21 from which, in arkind \$ 8 19'-0''. A cedar, 14 ins.in diam.; brs.3.52°.2.160 lks. dist. marked \$ 5 19'-0''. A cedar, 10 ins.in diam.; brs.3.52°.2.160 lks. 19.15 Sour slopes H. 19.25 Sourd 55 ft. 19.26 Sourd 55 ft. 19.26 Sourd 55 ft. 20.20 S				
 Land, deallings: Solitroeky, Ain rate, Timber, ceear, juniper, pinyon and pine, Undergrowth, scrub eak, buck brush, catolaw and cactus. Pair grazing. 3. 89°56'W. on a random line, bet. secs.19 and 30. 40.00 Set temp.t sec.cor. 60.04 Fall 21 lks.H.of the cor.of Secs. 19,24, 25 and 30, on Hall 21 lks.H.of the cor.of Secs. 19,24, 25 and 30, on Thence, Hage 47's. on a true line, bet. secs.19 and 30. Over rolling and mountainous land, thru. scattering tim- ber and undergrowth. Accend 55 ft. 500 Spur.slopes M. Descend 55 ft. 500 Spur.slopes M. Descend 55 ft. 500 Spur.slopes M. Descend 55 ft. 501 Spur.slopes M. Descend 45 ft. 15.05 Spur.slopes M. Descend 45 ft. 15.05 Spur.slopes M. 15.05 Such, course M. 40.04 Set an iron post. 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for 7 sec.cor., marked on brace cap. <a g."<br="" href="https://www.schemestreet.stores</th><th>

 </th><th>67.00</th><th>Sames ridge, brs. N. 70,°E. and S. 70°W. Descend.</th><th></th></tr><tr><th> dimbergiowith, sorub oak, buck brush, catolaw and cactus.
Fair grazing. S. 89°56'W., on a random line, bet. sees.19 and 30. So.04 Fail 21 like. Lof the cor. of sees. 19,24, 25 and 30, on
the W. bdy.of To., described in Book ">Thence. bdy.of To., described in Book "G." Thence. bdy.of To., described in Book "G." State and undergrowth. Ascend 57 t. Sour slopes N. Descend 50 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 45 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 45 ft. Sour slopes N. Descend 45 ft. Sour slopes N. Descend 55 ft. Sour slopes N. Descend 15 ft. Sour slopes N. Descend 16 ft. Sour, slopes N. Descend 10 ft. Bour, slopes N. Descend 10 ft. Sour, slopes N. Descend 10 ft. Descend 10 ft. Sour, slopes N. Descend 20 ft. Sour, slopes N. Descend 10 ft. Bour, slopes N. Descend 10 ft. Sour, slopes N. Descend 10 ft. Sour slopes N. Descend 10 ft. Sour slopes N. De		00.02	Land, rolling, a Soil, rocky, 4th rate.	
 Fair grazing. S. 83°56'W., on a random line, bet. secs.19 and 30. 40.00 Set temp.; sec.or. Fall 21 1ks.N.of the cor.of secs. 19,24, 25 and 30, on the W. bdy.of Ty., described in Book "G." Thence. N.83°47'E. on a true line, bet. secs.19 and 30. Over rolling and mountainous land, thru. scattering timber and undergrowth. iscend 65 ft. 500 Spur slopes N. Descend 30 ft. 9.55 Callor, course N.20°W. Ascend 15 ft. 19.35 Chlon, course N.20°W. Ascend 15 ft. 19.35 Chlon, course N.20°W. Ascend 140 ft. Sot an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked on brass cap. 19.21 from which. is cedar, 14 ins.in diam., brs.M.62°E., 160 lks. dist., marked the 30 JP. Continue ascent. 35 ft. pescend 45 ft. Spur, slopes N. 40°W. pescend 45 ft. fsom shide, course M.30°Z. Ascend 15 ft. fsom which. is cedar. 14 ins.in diam., brs.M.62°E., 160 lks. dist., marked the S 10 JP. A cedar. 15 ft. Spur, slopes N.40°W. pescend 45 ft. fs.80 pescend 45 ft. fs.80 pescend 45 ft. fs.80 pescend 45 ft. fs.80 percend 5 ft. fs.80 percend		• •	Timper, cedar, juniper, pinyon and pine.	
 40.00 Set temp. 2 sec.cor. 80.04 Fall 21 Lics.N. of the cor. of secs. 19,24, 25 and 30, on the W. bdg. of Yo., described in Book "C." 9.96 Physical Physical				
 40.00 Set temp. 2 sec.cor. 80.04 Fall 21 Lics.N. of the cor. of secs. 19,24, 25 and 30, on the W. bdg. of Yo., described in Book "C." 9.96 Physical Physical				
 40.00 Set temp. 2 sec.cor. 80.04 Fall 21 Lics.N. of the cor. of secs. 19,24, 25 and 30, on the W. bdg. of Yo., described in Book "C." 9.96 Physical Physical			a loos (1)	
 80.04 Fall 21 Its. H. of the cor. of sees. 19, 24, 25 and 30. on the w. bdg, of To. described in Book "G." Thence, H. 09°471E. on a true line, bet. secs.19 and 30. Over rolling and mountainous land, thru. scattering timber and undergrowth. Ascend 65 ft. Spur slopes H. Descend 30 ft. Spur slopes H. Descend 45 ft. Spur slopes H. Descend 45 ft. Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked on brass cap. from which, A cedar, 14 ins.in diam.; brs.H. 62°E., 160 lks. dist., marked ‡ S 19 PT. A cedar, 10 ins.in diam.; brs.S. 2°E., 340 lks. dist., marked ‡ S 19 PT. A cedar, 10 ins.in diam.; brs.S. 2°E., 340 lks. dist., marked ‡ S 30 ff. Spur, slopes H. Descend 45 ft. 51.85 Ravine, 10 lks.wide, course H. 30°2. Ascend 15 ft. 52.00 Spur, slopes H. Descend 45 ft. 53.00 Lescend 45 ft. 54.00 Spur, slopes H. Descend 50 ft. 55.00 Ravine, 5 lks.wide, course H. 30°2. Ascend 15 ft. 53.00 Sour, slopes H. Descend 50 ft. 53.00 Sour, slopes H. Descend 50 ft. 53.00 Ravine, 5 lks.wide, course H. 30°4. Ascend 15 ft. 53.00 Sour, slopes H. Descend 25 ft. 53.00 Ravine, 5 lks.wide, course H. 30°4. Ascend 10 ft. 53.00 Sour, slopes H. Descend 20 ft. 53.00 Sour, slopes H. Descend 10 ft. 53.00 Sour, slopes H. Sour, slopes H. Sour, slopes H. Sour, slopes H. Sour, slopes H. Sour, slopes H. Sour, slopes		10.00		
 Thance, N. 39'47'S. on a true line, bet. secs.19 and 30. Over rolling and mountainous land, thru. scattering timber and undergrowth. Ascend 65 ft. 500 Spur slopes N. Descend 30 ft. 9.95 Gulon, course M. Ascend 15 ft. 15.05 Spur, slopes N. Descend 45 ft. 19.35 Guton, course J.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for \$ sec.cor., marked on brass cap, 19.21 from which, A cedar, 14 ins.in diam., brs.M. 62°E., 160 lks. dist., marked \$ S 10'PT. A cedar, 10 ins.in diam.; brs.M. 62°E., 160 lks. dist., marked \$ S 10'PT. 4 cedar, 10 ins.in diam.; brs.S. 52°Z., 340 lks. dist., marked \$ S 30'ST. Continue ascent, 35, ft. Descend 45 ft. 51.85 Ravine, 10 lks.wide, course M. 30°Z. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 59.00 Spur, slopes N. Descend 45 ft. 50.01 Spur, slopes N. Descend 10 ft. 73.00 Spur, slopes N. Descend 10 ft. 74. Solut rolling am dountainous. Soll, rockr, 4th rate. Timber, pline, junjør, cedar and pinyon. Undergrowth, scrub oak, brock brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling und mountainous land, thru. scattering . Timber and undergrowth. 			Fall 21 lks.N.of the cor.of secs. 19,24, 25 and 30, on	
<pre>1 J. 30° 47'15. on a true line, bet. secs.19 and 30. Over rolling and mountainous land, thru. scattering tim- ber and undergrowth. Ascend 55 ft. 5.00 Spurslopes H. Descend 35 ft. 15.05 Spurslopes H. Descend 45 ft. 19.35 Gulon, course H.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ‡ sec.cor. marked oh brass cap. <u>1921</u> from which, A cedar, 14 ins.in diam., brs.H.62°E.,160 lks. dist., marked ‡ S 19'JT. A cedar, 10 ins.in diam., brs.S.52°E.,340 lks. dist., marked ‡ S 30'JT. Continue ascent, 35 ft. Spur, slopes H.40°W. Descend 45 ft. 59.00 Spur, slopes H. Descend 45 ft. Spur, slopes H. Descend 45 ft. 65.30 The inc. 5 lks.Wide, course H.30°E. Ascend 15 ft. Spur, slopes H. Descend 45 ft. 30.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub cak, brok brush, catclaw and cactus. Fair grazing. H.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . Undergrowth. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . Undergrowth. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . H.0°3'W., bet. secs.19 and 20. N.0°3'W., bet. secs.19 and 20. N.0°3'W. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec. S</pre>	1	•		
ber and undergrowth. Ascend 65 ft. Spur slopes M. Descend 30 ft. 9.95 Gulon, course H. Ascend 15 ft. 15.05 Spur, slopes M. Descend 45 ft. 19.35 Gulon, course H.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for \pm sec.cor. marked on brass cap, <u>15.19</u> from which, A cedar, 14 ins.in diam., brs. M.62°E., 160 lks. dist., marked \pm S 19 °DT. A cedar, 10 ins.in diam.; brs.S.52°.2., 340 lks. dist., marked \pm S 30 dF. Continue ascent, 35 ft. Spur, slopes M. 40°W. Descend 45 ft. Basend 45 ft. 51.85 Ravine, 10 lks.wide, course M.30°E. Ascend 15 ft. Basend 45 ft. Basend 45 ft. Basend 45 ft. 25.00 Spur, slopes M. Descend 15 ft. Basend 45 ft. Ravine, 5 lks.Wide, course M.30°E. Ascend 50 ft. Spur, slopes M. Descend 15 ft. Basend 45 ft. Basend 45 ft. M.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . W.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . W.0°3'W., bet. secs.19 and 20.		s (N.89°47'E. on a true line, bet. secs.19 and 30.	
 5.00 Spur slopes II. Descend 30 ft. Gulon, course II. Ascend 15 ft. 19.35 Gulch, course II.20°W. Ascend 140 ft. 19.35 Gulch, course II.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for t sec.cor., marked on brass cap, <u>10.101</u> from which, A cedar, 14 ins.in diam., brs.W. 62°Z., 160 lks. dist., marked t S 19'DT. A cedar, 10 ins.in diam., brs.S. 52°L., 340 lks. dist., marked t S 30 JT. Continue ascent, 35 ft. Spur, slopes N. Descend 15 ft. 59.00 Spur, slopes N. Descend 15 ft. 59.00 Spur, slopes N. Descend 15 ft. 65.80 Ravine, 5 lks.Wide, course N.30°E. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. Soll, rocky, 4th rate. The cor.of secs.19.20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, jun, surub oak, brock brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering. N.0°3'W. bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering.			ber and undergrowth.	
 Descend 30 ft. 9.95 Gulon, course M. Ascend 15 ft. 15.05 Spur, slopes M. Descend 45 ft. 19.35 Guloh, course H.20°W. Ascend 140 ft. 40.04 Set an iron poet, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked oh brass cap. 5.19 S 30 1921 from which, A cedar, 14 ins.in diam., brs.M.62°E.,160 lks. dist., marked f S 19°PT. A cedar, 10 ins.in diam.; brs.S.52°Z.,340°lks. dist., imarked f S 30°BT. Continue ascent, 35 ft. Spur, slopes H.40°W. Descend 45 ft: 51.85 Favine, 51 lks.Wide, course H.30°E. Ascend 50 ft. Spur, slopes M. Descend 45 ft. Spur, slopes M. Descend 15 ft. Spur, slopes M. Descend 15 ft. Spur, slopes M. Descend 10 ft. Soir, slopes M. Descend 10 ft. Soir, slopes M. Descend 10 ft. Soir, slopes M. Descend 10 ft. No°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering timber and undergrowth. 		F 00		
 Ascend 15 ft. 15.05 Spur.slopes N. Descend 45 ft. 19.35 Gulch, course N.20°W. Ascend 140 ft. Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ‡ sec.cor., marked on brass cap. <u>\$ 19</u> <u>\$ 30</u> 1921 from which, A cedar, 14 ins.in diam., brs.N.62°E., 160 lks. dist., marked \$ 5 19°DT. A cedar, 10 ins.in diam.; brs.S.52°L., 340 lks. dist., marked \$ \$ 30 BT. Continue ascent, 35, ft. Spur.slopes N.40°W. Descend 45 ft. 51.85 Ravine, 10 lks.wide, course N.30°Z. Ascend 50 ft. Spur.slopes N. Descend 15 ft. 65.80 Ravine, 5 lks.wide, course N.30°W. Ascend 10 ft. Bescend 10 ft. Bescend 10 ft. The or.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, plane, juniper, cedar and pinyon. Undergrowth, scrub oak, brack brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . timber and undergrowth. 		5.00	Descend 30 ft.	
 15.05 Spur, slopes N. Descend 45 ft. 19.35 Gulch, course N.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for ; sec.cor., marked on brass cap, <u>5.19</u> S 30 1921 from which, A cedar, 14 ins.in diam., brs.M.62°E., 160 lks. dist., marked 2 S 19°FT. A cedar, 10 ins.in diam., brs.S.52°L., 340 lks. dist., marked 2 S 30 ST. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft. Spur, slopes N. Descend 15 ft. Accedar ft. Spur, slopes N. Descend 15 ft. Bascend 50 ft. Spur, slopes N. Descend 10 ft. dascend 50 ft. Sour, slopes N. Descend 10 ft. N.0°3'W., bet. secs.19 and 20. Undergrowth, scrub oak, bunk brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering timber and undergrowth. 		9•95		
 19.35 Gulch, course N.20°W. Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for 7 sec.cor., marked on brass cap, 1921 from which, A cedar, 14 ins.in diam., brs.N.62°E., 160 1ks. dist., marked ± S 19°DT. A cedar, 10 ins.in diam., brs.S.52°L., 340 1ks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N. Descend 45 ft. favine, 10 1ks.wide, course N.30°E. Ascend 50 ft. Spur, slopes N. Descend 45 ft. Spur, slopes N. Descend 15 ft. Sol, rocky, 4th rate. The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, brock brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . timber and undergrowth. 		15.05	Spur, slopes N.	
 Ascend 140 ft. 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in a mound of stone, for t sec.cor., marked on brass cap, 1921 from which, A cedar, 14 ins.in diam., brs.W.62°E., 160 lks. dist., marked ± S 19'PT. A cedar, 10 ins.in diam., brs.S.52°A., 340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes W.40°W. Descend 45 ft. Favine, 10 lks.wide, course W.30°A. Ascend 15 ft. Spur, slopes W. Descend 45 ft. Bascend 20 ft. Spur, slopes W. Descend 10 ft. Bascend 10 ft. Sour, slopes W. Descend 10 ft. Bascend 10 ft. Bascend 10 ft. Sour, slopes W. Descend 10 ft. Bascend 10		19.35	Descend 45 ft. Gulch. course N.20°W.	
 the ground, in a mound of stone, for 7 sec.cor., marked on brass cap, 15.19 \$ 30 1921 from which, A cedar, 14 ins.in diam.brs.N.62°E.,160 lks. dist., marked ± S 19'DT. A cedar, 10 ins.in diam.brs.S.52°E.,340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N.40°W. Descend 45 ft. Favine, 10 lks.wide, course N.30°E. Ascend 15 ft. Spur, slopes N. Descend 45 ft. Bavine, 5 lks.wide, course N.30°W. Ascend 15 ft. Bavine, 5 lks.wide, course N.30°W. Ascend 10 ft. Bescend 10 ft. Bescend 10 ft. Bescend 10 ft. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. 	•		Ascend 140 ft.	
 191 1921 from which, A coder, 14 ins. in diam:, brs. N. 62°E., 160 lks. dist., marked ± S 19'PT. A coder, 10 ins. in diam:, brs. S. 52°E., 340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft: 51.85 Ravine, 10 lks.wide, course N. 30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.Wide, 'course N. 30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs. 19.20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, junpler, codar and pinyon. Undergrowth, sorub oak, bunk brush, catclaw and cactus. Fair grazing. N. 0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering timber and undergrowth. 		40.04	the ground, in a mound of stone, for 2 sec.cor.,	
1921 from which, A cedar, 14 ins. in diam:, brs. N. 62°E., 160 lks. dist:, marked ± S 19°DT. A cedar, 10 ins. in diam:, brs. S. 52°Z., 340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N. 30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck: brush, catclaw and cactus. Fair grazing. N. 0°3'W., bet. secs. 19 and 20. Over rolling and mountainous land, thru. scattering : timber and undergrowth.				
1921 from which, A cedar, 14 ins. in diam:, brs. N. 62°E., 160 lks. dist:, marked ± S 19°DT. A cedar, 10 ins. in diam:, brs. S. 52°Z., 340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N. 30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck: brush, catclaw and cactus. Fair grazing. N. 0°3'W., bet. secs. 19 and 20. Over rolling and mountainous land, thru. scattering : timber and undergrowth.			<u>1 S 19</u>	
<pre>from which, A cedar, 14 ins.in diam., brs.N. 62°E., 160 lks. dist., marked ± S 19'DT. A cedar, 10 ins.in diam., brs.S. 52°L., 340 lks. dist., marked ± S 30 BT. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft. 51.85 Ravine, 10 lks.wide, course N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering in timber and undergrowth.</pre>				
 A cedar, 14 ins.in diam., brs. N. 62°E., 160 lks. dist., marked ½ S 19°T. A cedar, 10 ins.in diam., brs. 5.52°E., 340 lks. dist., 'marked ½ S 30 BT. Continue ascent, 35 ft. Spur, slopes N. 40°W. Descend 45 ft: 51.85 Ravine, 10 lks.wide, course N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, 'course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. 			1921	
A cedar, 10 ins.in diar., brs. S. 52° 4., 340 1ks. dist., marked $\frac{1}{2}$ S 30 BT. Continue ascent, 35 ft. Spur, slopes N.40°W. Descend 45 ft: 51.85 Ravine, 10 lks.wide, gourse N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80' Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs. 19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth.			from which,	
A cedar, 10 ins.in diar., brs. S. 52° 4., 340 1ks. dist., marked $\frac{1}{2}$ S 30 BT. Continue ascent, 35 ft. Spur, slopes N.40°W. Descend 45 ft: 51.85 Ravine, 10 lks.wide, gourse N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80' Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs. 19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth.		•	dist., marked $\frac{1}{2}$ S 19 DT.	
Continue ascent, 35 ft. Spur, slopes N.40°W. Descend 45 ft: 51.85 Ravine, 10 lks.wide, course N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering. 'timber and undergrowth.			A cedar. 10 ins.in diam. brs. 5.52° f., 340 LKS.	
Descend 45 ft: Find the second formula for the second formula			Continue ascent, 35 ft.	
 51.85 Ravine, 10 lks.wide, course N.30°E. Ascend 15 ft. 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth. 		45.00	Descend 45 ft.	ŀ
 59.00 Spur, slopes N. Descend 45 ft. 65.80 Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth. 		51.85	Ravine, 10 lks.wide, course N.30°E.	
 Descend 45 ft. 65.80' Ravine, 5 lks.wide, course N.30°W. Ascend 50 ft. 73.00 Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . timber and undergrowth. 		59.00		
Ascend 50 ft. Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering. imber and undergrowth.			Descend 15 ft.	
73.00 Spur, slopes N. Descend 10 ft. 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering in timber and undergrowth.		05.00	Ascend 50 ft.	
 80.04 The cor.of secs.19,20, 29 and 30. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth'. 		73.00	Spur, slopes N.	
Soil, rocky, 4th rate. Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth'.		80.04	The cor.of secs. 19,20, 29 and 30.	
Timber, pine, juniper, cedar and pinyon. Undergrowth, scrub oak, buck brush, catelaw and cactus. Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . imber and undergrowth.				
Fair grazing. N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth'.			Timber pine, juniper, cedar and pinyon.	
N.0°3'W., bet. secs.19 and 20. Over rolling and mountainous land, thru. scattering . 'timber and undergrowth.				
• Over rolling and mountainous land, thru. scattering • timber and undergrowth.				
• Over rolling and mountainous land, thru. scattering • timber and undergrowth.				
timber and undergrowth.		•	N.0°3'W., bet. secs.19 and 20.	
Descend 105 ft.				
			Descend 105 ft.	

	<u>31 Pa</u>	rt of Subdivision lines of Township 29 North Bange 14 West.
207	Chains.	
	16.7ů	Draw, course E
	23.25	Spur, slopes En Descend 60 ft.
	30.47	Draw, course Rux out and a contraction of the second as the
	39.00	Spur, slopes
	40.00	Descend. Set an iron post, 3 ft.long, 1 in. in diam, 20 ins.in
		the ground, in a mound of stone, for 4 sec.cor., marked on brass cap,
		•
		\$19 \$20
	•	
	۲	from which, A cedar, 6 ins. in diam., brs.S.89 ³ °E.,143 lks.
		dist., marked $\frac{1}{4}$ S 20 BT.
	-	A cedar, 12 ins. in diam., brs.N.77°W.,145 lks. dist., marked $\frac{1}{4}$ S 19 BT.
	57.00	Continue descent, 140 ft. Ascend 50 ft.
	57-85	Draw, course NE. Ascend.
	80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 8 ins. in the ground, in a mound of stone, for cor.of secs.17.
		18, 19 and 20, marked on brass cap,
		T29N R14W S18 S17
	•	<u>S19-S20</u>
	•	1921 · · ·
		from which, A cedar, 8 ins.in diam.,brs.N.72°E.,25 lks.
		dist., marked T29N RI4W S17 BT.
		dist. marked T29N R14W S20 BT. A cedar, 8 ins.in diam., brs.S.154°W, 140 1ks.
	•	alst. marked 1290 ALAW 519 BT.
	•	A cedar, 10 ins.in diam.; brs.N.39°W.,52 lks. dist., marked T29N'R14W S18 BT.
		Land, rolling and mountainous. Soil, rocky, 4th rate.
		Timber, cedar, pinyon, juniper and pine. Undergrowth, scrub oak, buck brush; catclaw and cactus.
		Fair grazing.
		• • •
	40.00 40.00	N.89°54'E., on a random line, bet. secs.17 and 20. Set temp.1 sec.cor.
	80.10	Intersect N. and S. line, 2 lks.N. of the cor. of secs.
		16,17,20 and 21. Thence,
		S.89°55'W., on a true line, bet. secs.17 and 20. Over rolling and mountainous land, thru. scattering tim-
		ber and dense undergrowth. Ascend 50 ft.
	4.24	Ridge, brs.NE and SW. Descend 105 ft.
	18.00	Draw, course N. Ascend 140 ft.
	39.00	Descend 15 ft.
	40.05	Set am iron post, 3 ft.long, 1 in. in diam., b ins.in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor.,marked
		on brass cap,

		of Subdivision lines of Township 29 North, Range 14 West.	35
	Chains.	<u>\$ 17</u> \$ 20 1921	
	52.60 60.10 66.60 80.10	<pre>from which, A cedar, 6 ins. in diam., brs.N.20°W.,70 lks. dist., marked 1 \$ 17 BT. A cedar, 6 ins. in diam., brs.S.43°E.,120 lks. dist., marked 1 \$ 20 BT. Continue descent,70 ft. Mash, 15 lks.wide, course NE. Ascend 90 ft. Descend 50 ft. Ascend 115 ft. The cor.of secs. 17,18, 19 and 20. Land, rolling, mountainous. Soil, rocky, 4th rate. Timber, pine, cedar, pinyon and juniper. Undergrowth, scrub oak, buck brush, catclaw and cactus.</pre>	
	7	Fair grass.	-
	40.00 80.00	S.89°47'W., on a random line, bet. secs.18 and 19. Set temp. 7 sec.cor. Fall 16 lks.N.of the cor. of secs. 13,18,19 and 24,on the W. bdy. of the Tp., described in Book "G." Thence, N.89°40'E., on a true line, bet. secs.18 and 19. Over rolling and mountainousihand, thru, scattering timber	
	10.50 20.00	and dense undergrowth. Descend 70 ft. Draw, course N. Ascend 90 ft. Spur, slopes NE.	
	40.00	Descend 160 ft. Set an iron post, 3 ft.long, 1 in. in diam., 5 ins.in thenground, in a mound of stone, for $\frac{1}{4}$ sec.cor.,marked on brass cap,	a
	, `•	$\begin{array}{c} 1 \\ \frac{1}{4} \\ \frac{1}{$	
		 from which, A cedar, 7 ins. in. diam., brs.N.2°E.,131 lks. dist., marked 4.S 18 BT. A cedar, 9 ins.in diam., brs.S.82°E., 38 lks. dist., marked 4.S 19.3T. 	
	51.7 <u>5</u> 78.00 80.00	Descend 110 ft. Wash, 20 1ks.wide, 3 ft.deep, course NE. Ascend 195 ft. Ridge, brs.NE. and SW; Descend. The cor.of secs.17,18,19 and 30.	
		Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, cedar, pine, juniper and pinyon. Undergrowth, scrub oak, buck brush, catclaw and cactus. Fair grazing.	_
-	•	N.0°3'W., bet. secs.17 and 18. Over rolling land, thru. scattering timber and dense undergrowth. Ascend.	
	5.00 40.00	Ridge, brs.NE. and SW. Descend 70 ft. Set an iron post, 3 ft.long, 1 in. in diam.,9 ins.in	
	1		1

<u>hains</u>	t of Subdivision lines of Towaship 29 North, Range 14 West.
	the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marke on brass cap,
	S18 S17
~	
	from which, A cedar, 7 ins. in diam. brs.S.27 ^{1/2} ° E.,121 lks. dist., marked ^{1/2} S 17 BT. A pine, 11 ins. in diam. brs.S.25°W.,30 lks.
	dist., marked $\frac{1}{4}$ S 18 BT. Ascend 20 ft.
45.0 0	Descend 35 ft. Ascend 30 ft.
64.00 79. 40	Descend 235 ft. Cliff, 30 ft. high, brs. NE. and SW. Continue descent.
79 .40 80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 3 ins.in the ground, in a mound of stone with marked (X)stone, for cor.of secs.7,8,17 and 18, marked on brass cap,
	T29N R14W
•	$\frac{S 7 S 8}{S18 S17}$
,	1921
	from which,
•	Cross (X) on cliff, brs.S.29°E.,16 lks. dist.,
	No other bearings available. Land, rolling and mountaincus.
	Soil, rocky, 4th rate. Timber, cedar, pine, juniper and pinyon.
	Undergrowth, scrub oak, catclaw, buck brush and cactus. Fair grazing.
2	· · · · · · · · · · · · · · · · · · ·
40.00	N.89°55' L, on a random line, bet. secs.8 and 17. Set temp. 2 sec.cor.
79•84	Intersect N. and S. line,21 lks.N.of the cor.of secs.8, 9,16 and 17.
	Thence, N.89°56'W., on a true line, bet. secs.8 and 17.
•	Over, mountainous land, thru. scattering timber and under- growth
5.00	Ascend Spur, slopes N.40° H.
27.10	Descend 265 ft. Canyon, course N.30°E.
	Ascend 330 ft.
38.50	Ridge, brs.N.30°E. and S.30°W. Descend 20 ft.
39•92	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for. 1/2 sec.cor., marked on brass cap,
	$\frac{1}{4} \frac{S}{8} \frac{8}{17}$
•	້ S 17 1921
	and raise a mound of stone, 2 ft.base, l_2^{\pm} ft.high,N.o. cor.
46.00	Continue descent,105 ft. Gulch, course N.40°W.
50.00	Ascend 25 ft. Spur,slopes N:
	Descend 135 ft.
55.90	Canyon, course N.30°E.

	Part of Chains.	Subdivision lines of Township 29 North Bange 14 West 37	
		Ascend 260 ft. Ridge, brs.N.and S.	
		Descend 265 ft. The cor.of secs.7,8,17 and 18.	
		Land, mountainous. Soil, rocky, 4th rate.	
		Timber, cedar, pinyon, pine and juniper. Undergrowth, buck brush, scrub oak, catclaw and cactus.	
	,	Fair grazing.	•
		S.89°40'W., on a random line, bet. secs.7 and 18. Set temp. 1 sec.cor.	
	40.79	Impossible to chain from this point. Set a flag ahead on line at "B." From 40.79	$\mathcal{L}_{\mathcal{L}}^{(n)}$
		chs.point,measure a base S. 14°36'W.,15.38 chs.to point	2
		"A," from which "B" brs.N. 20.36 49°12'W, The three angles	
		of the triangle are there- fore 75°4', 63°48' and 41°	
		8', the sum of which is 180 00'. The distance triangu-	
	•	lated is given by the sin.	
•		• • • • • • •	
	•	$\frac{A}{15.38} = \frac{\sin.63^{\circ}48'}{\sin.41^{\circ}8'}$	
		log. 15.38 = 1.186956	
		log, sin. 63°48' = 9.952918 1.139874	
		$log.sin.41^{\circ}8' = 9.818103$ log.X = 1.321771	
		X = 20.98 chs., which added to 40.79 chs. gives	
	61.77 80.00	Continue S.89°40'W. on a random line, bet. secs.7 and 18. Fall 2 lks.S. of the cor. of secs. 7,12,13 and 18, on the	,
		W. bdy.of Tp., described in Book "G." Thence.	•
		N.89°41'E. on a true line, bet. secs. 7 and 18. Over rolling land, thru. scattering timber and undergrowth.	
	18.23	Edge of impassable canyon, brs.NE. and SW. Thence by triangulation, topography approximate, across canyon,	
	30.00	400 ft.deep. Ridge of canyon, brs.NE. and SW.	
•.	-	Ascend. Spur,slopes NE.	
	-	Descend; distance by chaining. Set an iron post. 3 ft.long, 1 in. in diam., 13 ins.in the	
	•	ground, in a mound of stone, with marked (X) stone for - sec.cor., marked on brass.cap,	
		$\frac{S}{4} \frac{7}{518}$ 1921	
		and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high, N.	
	• •	Descend 260 ft.	
	53,10	Gulch, course NE. Ascend 160 ft.	
	63.70	Spur, slopes N. Descend 160 ft.	
	70.10 74.00	Ascend 55 ft. Spur, slopes N.	

<u>*</u>.

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38	Part Chains.	of Subdivision lines of Township 29 North Bange 14 Wost.
		Descend 145 ft.
	78.75	Gulch, course.N. Ascend 50 ft
	80,400	The cor.of secs. 7,8, 17 and 18, . Land, rolling and mountainous.
		Soil, rocky, 4th rate.
		Timber, cedar, pine, pinyon and juniper.
	• • •	Undergrowth, scrub oak, buck brush, catclaw and cactus.
		Fair grazing.
		N.0°3'W., bet. secs.7 and 8. Over mountainous land, thru. scattering timber and under-
		growth.
		Descend 35 ft.
•	4.50	Ascend 170 ft.
	10.70	Set flag "A," on rim of canyon, 1200 ft.high, brs.NE. and SW. Impossible to chain from this point. Proceed to
	• • ••	point "B," on opposite side of canyon, from which, "A,"
	ting ting ting	brs.S.43°35'E., From "B"
		run traverse N. 5°E. 37.74
		chs. to "C," and S.82°15' E.,16.15 chs.to "D," which
		is on secline . N. 0°3'W of
2		"A." Point "D" is 35.41 chs.
		"B;" the length and bearing
		of BD are therefore N.28°35
		$\mathbf{E}_{\mathbf{s}}$ $\mathbf{E}_{\mathbf{s}}$, 40.33 chs. Using BD as
	•	a base, compute the length
		AD as follows:
		$\underline{X} = \frac{1}{2} \frac{\sin 107^{\circ} 50!}{100}$
		40.33 sin.43°32'
		•
,	•• •	log. 40.33 = .1.605628 log.sin.107°51' = 9.978615 .207.sin43°32' = 1.584243
	•	$102.810.43^{221} = 9.970015$
		log.sin.43°32' = 9.838078
		$Log_{X} = 1.746164$
		X 55 74 and which added to
• .	н. Алан алан алан алан алан алан алан алан	10.70 chs. gives 66.44, chs. The approximate topography
	58.00	is as follows: . Rim on N, side of canyon, 1000 ft, high, brs. E. and W.
		Ascend.
	66.44	Spur, slopes E.
	71.50	Descend 90 ft., dist. by chaining. Draw, course R.
		Ascend 80 ft.
. (80.00	Set an iron post, 3 ft.long, 2 ins. in diam., 10 ins.in
	en an	the ground, in a mound of stone, with marked (X) stone for cor.of secs. 5,6,7 and 8, marked on brass cap,
		Tor cor.or sees.), , and o, marked on brass cap,
		T29N R14W
		$\frac{s}{c} \frac{6}{s} \frac{s}{5}$
		S 7 S 8 1921
	- , , , , , , , , , , , , , , , , , , ,	and raise a mound of stone, 2 ft. base, 12 fg.high, W.
		of cor.
		Land, rolling and mountainous. Soil, rocky, 4th rate.
		Timber, cedar, pine, pinyon and juniper.
	<i>,</i>	Undergrowth, scrub oak, buck brush, catclaw and cactus.
,		Fair grazing.
	ļ	• • • • • • • • • • • • • • • • • • •

		Subdivision lines of Township 29 North Range 14 West, 39
	Chains.	N.89°56'E., on a random line, bet. secs. 5 and 8.
•		Over rolling land, thru. dense undergrowth. Ascend 45 ft.
	21.90	Descend 25 ft.
	24.00	Springs bear N.484°E. Rim of canyon, impassable, 1000 ft. high, brs.NE. and SW.
		Discontinue the survey of this line at this point. Land, rolling.
	• • • •	Soil, rocky, 4th rate. Timber, none.
٠	• •	Undergrowth, buck brush, catclaw, scrub oak, and cactus.
	•	Fair grazing.
		S.89°41'W., on a random line, bet. secs.6 and 7. Over rolling land, thru. dense undergrowth.
	22.00	Rim of impassable canyon, 1500 ft. high, brs. NW. and SE.
		Discontinue the survey of this line at this point. Land, rolling, land.
		Soil, rocky, 4th rate. Timber, none.
		Undergrowth, buck brush, catclaw, scrub oak and cactus.
	•	Fair grazing.
	· .	N.0°3'W., bet. secs. 5 and 6. Over rolling land, thru. dense undergrowth.
		Descend 125 ft.
•	20.64	Rim of impassable canyon, 1500 ft. high, brs.NE. and SW. Discontinue the survey of this line at this point.
	•	Land, rolling. Soil, rocky, 4th rate.
		Timber, none. Undergrowth, buck brush, catclaw, scrub oak and cactus.
		Fair grazing.
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		Bounda	ries of por surveyed	tion of under t	Townshi his Gro	p 29 Nor up.	th, Range	e 1 4 Wes
	•	Latit	udes, depar	tures,	and clo	sing err	ors.	•
	Line des	ignated.	True bearing.	Dist.	· Latitu N.	des. S.	Depar E.	tures. W
	South bo (7th.Std	undary, .Par.N.)	West,	80.00		•		80.00
	West bou	ndary,	North,	320.00	320.00			
-	Subdivi: bound		N.89°41'E. S.89°56'E. N.89°43'E. N.0°2'W. N.89°53'E. S.0°1'E. S.0°1'E.	79.84 79.80 80.00 80.10 80.00 80.02 80.00	•44 80.00 •16 •09	•09 • •80.00	79.80 80.10	.05
			West, S.O°1'E. S.O°2'E. S.O°3'E.	320.00 80.00 80.00 .80.00		80.00 80.00 • Ø0.00	•05	320.00
	Converge	ncy,	•		•		• 20	
		Totals,			401.09	400.09	400.14	400.05
			departure, Final Field	Test of	Instrum	ment No.8	•09 	
		then, dicat ing a	e the trans: to test the ions result: m. and p.m. servations o llows:	e solar ing from hours,	appa r atu n solar´c with a	ls by con bservati meridian	nparing ions mad n determ	its in- le dur- nined
	August 1,1921: At our camp in sec.20,T.29 N.,R.14 W.,lat. 35°53'N.,long.113°48½'W., at 3h.0m.,p.m.,l.m.t.,I set off 35°53'N. on the lat.arc; 18°00'N/on the decl. arc, and determine a meridian with the solar,which agrees with the meridian determined as hereinbefore							
		<pre>described. August 2, 1921: At 9h.0m, a.m., l.m.t., I set off 35° 53'N. on the lat.arc; 17°48'z'N. on the decl.arc, and determine a meridian with the solar, which agrees with the meridian determined as hereinbefore described. As all of the solar observations during the usual hours of solar work come within 1'30" of the true meridian, I conclude that the solar has been in satisfactory ad- justment during the progress of this survey.</pre>						
		justm	ent during	the prog	gress of	this s	urvey.	ry au-
•		justm	ent during Final Field	the prog	ress of		_	ry au-



FIELD ASSISTANTS. to

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NAMES.	CAPACITY.
Ty White	lst Chainman
Joseph Sepule	2nd Chainman
	Flagman
Max Cornforth	Mound sman
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BOOK 3564

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Francis	R. Ihrie, U.S. Transith	and the state of the second
of special instruction	s received from the U. S. Surv	eyor General, for <u>Group 110 Arizona</u>
	•	cuary, 19 ² , I have well, faithfully, and the
		with said instructions, the Manual of Surveying Inst
		all those parts or portions of <u>the</u>
Subdivision		
	TOWIISHIP-29-NG	DRTH, RANGE 14 WEST,
	·····	
		of the Gila and Salt
River Base a	ad Meridian, in the State of and by diagram on page	Arizona, which are represented
the foregoing field no		y me, and under my direction; and that all the corner
said survey have been	n established and perpetuated i	in strict accordance with the Manual of Surveying Inst
tions, and the special	written instructions of the U	. S. Surveyor General, forGroup_110,Arizon
and in the specific m	anner described in the field no	otes, and that the foregoing are the original field note
such survey.		9 . O.D.
Place:		Francis R this U. S. Transitman. S. St
Date:	ny 31, 1923	U. S. Transitman.
		ROVAL.
		of the United States Surveyor General,
		, 19 ·
The foregoing fie	ld notes of the survey of	
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· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
executed by		
under his special ins	tructions dated	, 19 , having b
-		nd explanations made, the said field notes, and the surv
they describe, are her	reby approved.	
		D.S. Surveyor Gene
		ld notes of the above-described surveys in

e eser es

· **4**–680

11348 E.M. E.M.

FIELD ASSISTANTS. to

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George G. Easton	
CAARGA C Vestan	
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Samuel Dysart	2nd Chainman
Odson Hopper	2nd Chainman
John Towler	Flagman
Russel Risum	Axman
Mansfield S. Bryant	· · · ·
Manattata 2. D. D. Aun	· ·
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CERTIFICATE OF UNITED STATES GADASTRAL

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46	CERTIFICATE OF UNITED STATES SADASTRAL.
V.	I, William B.Kimmel, U.S. Cadas, tral Sing r, hereby certify upon honor that, in pursuance
	of special instructions received from the U.S. Surveyor General for <u>Group 110 Arizona</u>
	bearing date of the _27th day ofFebruary,, 19 20, I have well, faithfully, and truly
	in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
	tions, and the laws of the United States, surveyed all those parts or portions of
	Seventh Standard Parallel North, thru. part of Ranges 13 and, 14 West,
	East boundary, and Subdivision lines of

TOWNSHIP 29 NORTH, RANGE 14 WEST

of the Gila and Salt River Base & Meridian, in the State of Arizona, ..., which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 110, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

ine 7.1923 -Place d Date PROVA

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

	Phoenix, Arizona, JUN 30, 1923
T	ne foregoing field notes of the survey of
Se	wenth Standard Parallel North, thru. part of Ranges113 and 14 West,
Pa:	rt ofmthe East boundary, and Part of the Subdivision lines of
	TOWNSHIP 29 NORTH, RANGE 14 WEST,
of	the Gila and Salt River Base and Meridian, in the State of Arizona

executed by William B.Kimmel, U.S. Cadastral Engineer, and Francis R. Ihrie U.S. Transitman, under his special instructions dated Feb . 27.1920, For Group 110 Arizona , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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