Volume

#

R0500

BOOK A-500

4—679 b

INDEX DIAGRAM.

Township 40 South, Range 15 East

	27	26	25	24	23	22
20	6 / 107	108 / 5 / 106	86 / 4 / 85	72 / 3 / 71	58 / 2 / 57	44 / 1 / 42
20	7 / 104	105 / 8 / 103	84 / 9 / 83	70 / 10 / 68	56 / 11 / 55	40 / 12 / 37
18	18 / 100	102 / 17 / 99	82 / 16 / 81	67 / 15 / 66	54 / 14 / 51	36 / 13 / 34
16	19 / 96	98 / 20 / 93	78 / 21 / 77	62 / 22 / 61	48 / 23 / 48	31 / 24 / 30
16	30 / 89	89 / 29 / 87	75 / 28 / 74	60 / 27 / 60	46 / 26 / 45	30 / 25 / 29
15	31	87 / 32	73 / 33	58 / 34	44 / 35	28 / 36

6—4817

Meanders of the San Juan River pages 108 to 126

Blank

Page

BOOK A-500

4—679 b

INDEX DIAGRAM.

Township 40 South, Range 14 East

	159	158	156	155	154	153
151	6 236 235	5 216 234	4 201 215	3 188 200	2 175 187	1 174
150	7 233 232	8 214 231	9 199 213	10 186 198	11 173 185	12 172
148	18 230 229	17 211 228	16 197 210	15 184 197	14 171 183	13 167
147	19 225 223	20 208 222	21 196 205	22 180 193	23 165 179	24 164
145	30 221 219	29 204 218	28 191 203	27 177 190	26 163 177	25 162
143	31 217	32 202	33 188	34 175	35 161	36

6—4817

Meanders of the San Juan River pages 237 to 262

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Page

BOOK A-500

4—679 b

INDEX DIAGRAM.

Township 27 South, Range 4 East

	302		300		298		296 291		294 291		291 290	
288 279	6 404	406	5 403	383	4 382	368	3 366	351	2 350	336	1 335	321
286 277	7 400	402	8 399	380	9 379	365	10 363	349	11 347	333	12 332	319
284 277	18 396	397	17 394	377	16 376	362	15 360	346	14 345	331	13 329	317
282 276	19 391	393	20 390	375	21 373	359	22 357	343	23 342	328	24 327	316
280 276	30 387	388	29 386	371	28 371	356	27 355	341	26 340	325	25 324	314
278 276	31	385	32	369	33	353	34	338	35	323	36	312
	311		309		307		306		304		303	

6—4817

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Page

BOOK A-500

4—679 b

INDEX DIAGRAM.

Township 26 South, Range 4 East

6—4817

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Page

4—679

BOOK A-500 "D"

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Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

NORTH AND WEST BOUNDARIES, MEANDERS AND SUBDIVISION

OF

T. 40 S., R. 15 E.

Of the Salt Lake Base and *Meridian,*

In the State of Utah.

EXECUTED BY

Chas. F. Moore, U.S.Surveyor.

Edie S.C.Smith, U.S.Transitman.

In the capacity of U. S. Surveyor/, *under instructions dated* Sept.19,1923, ~~XXXX~~, *issued by the United States* **Surveyor General** *to govern surveys included in Group No.* 151, *which were approved by the Commissioner of the General Land Office,* Sept. 28,1923, ~~XXX~~ and supplemental assignment instructions dated Sept.27, 1924, Feb.2, 1925, and Dec. 14 1926.

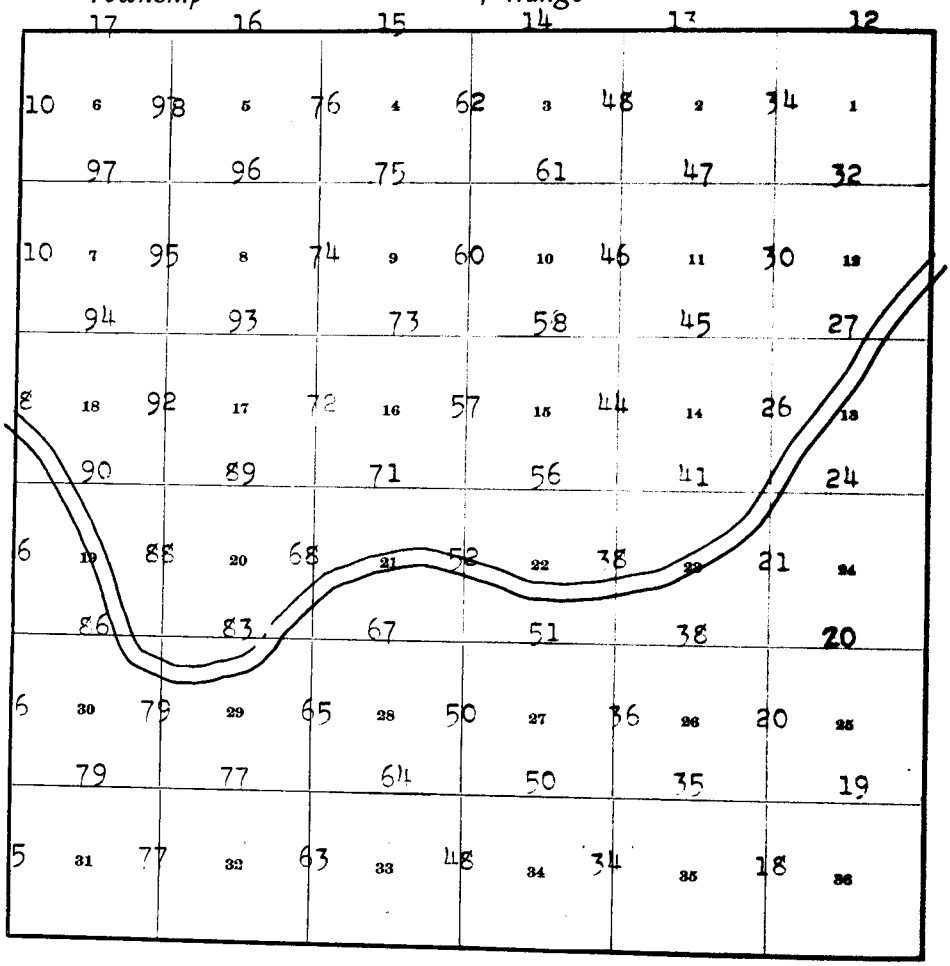
Survey commenced Feb. 19, 1925, ~~XXX~~

Survey completed April 18, 1927, ~~XXX~~

6—151

INDEX DIAGRAM.

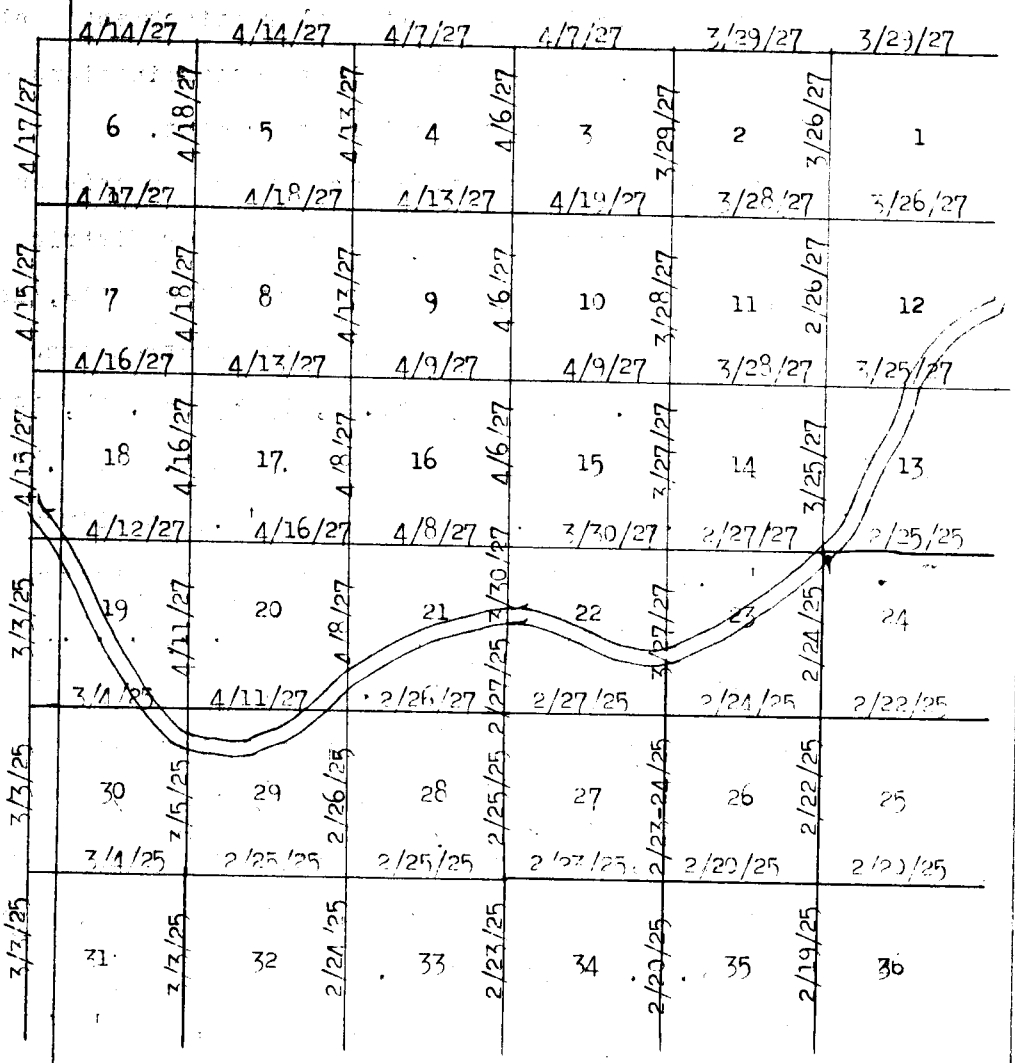
Township 40 South, *Range* 15 East



Meanders on the right and left banks of the San Juan River, pages 98 to 116 inclusive.

T. 40 S., R. 15 E.

DATE DIAGRAM



Lines colored in red surveyed by Chas. F. Moore, U.S.Surveyor.

Lines colored in black surveyed by Edie S.C.Smith, U.S.Transitman.

Meanders of the San Juan River were run by Chas. F. Moore, U.S.Surveyor during period from March 4, to April 10, 1927.

Survey commenced Feburary 19, 1925 and was executed with Young and Sons solar transit No. 8544 used by Edie S.C.Smith, U.S.Transitman, and Young and Sons solar transit No. 8396 and Buff and Buff solar transit No. 9220, used by Chas. F. Moore, U.S.Surveyor. The instruments are equipped with full vertical circles and Smith solar attachment: unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instruments were approved for the use on this survey by the District Cadastral Engineer for District No. 6, conditional upon satisfactory field tests, as stated in supplemental assignment instructions dated Sept. 27, 1924, Feb. 2, 1925, Dec. 14, 1926,

Feb. 18, 1925, at my camp in the NW. ¼ sec. 36, T.40 S., R. 15 E., approx. latitude 37°17'N.; longitude 110° 17' W., I examine the adjustment of the instruments and correct all errors; at 9h36m p.m.,l.m.t.,with Young and Sons transit No. 8544, I observe polaris at western elongation, making six observations, three each with the telescope in direct and reversed positions, and mark mean point in the line thus determined, on a peg driven in the grouh d, about 10 chs. N. of my station.

Azimuth of Polaris at western elongation, 1°22'36" W.

Feb. 19, 1925, at 8h 0m a.m. l.m.t., I lay off the azimuth of polaris 1°22½' to east, and mark the meridian thus determined by tack driven in a peg firmly set in the ground 10 chs. N.

Feb. 22, 1925, 9h 0m a.m.l.m.t. with Young and Sons transits No. 8544 and 8396 in the meridian, set off 37°17'N. on latitude arcs, 10°11'S. on the decl arcs, and determine meridians with the solars, which agrees with the true meridian.

At apparent noon, with latitude arcs unchanged, observe the sun on the meridian, the resulting reading of

the decl. arcs is 10°08'S., which agrees with the computed declination of the sun.

At 3h 0m p.m. l.m.t., with the latitude arcs unchanged set off 10°05'S. on the decl. arcs and determine a meridian with the solars, which agrees with the true meridian.

As all solar observations during the usual hours of solar work, come with-in 1' of the true meridian, we conclude that the adjustments of the Young and Sons transits No. 8544 and 8396 are satisfactory.

March 23, 1927, at my camp in the NE.¼ of sec. 21, T. 40 S., R. 15 E., approximate latitude 37°18'N., and longitude 110°15W., with Buff and Buff transit No. 9220, at 7h 28.5m p.m.l.m.t., I observe polaris at western elongation, making six observations, three each with telescope in direct and reversed positions, and mark the mean point in the line thus determined, on peg driven in the ground, about 10 chs. north of my station.

Azimuth of Polaris at western elongation 1°22'W.

At 8h 0m.a.m.l.m.t., I lay off the azimuth of Polaris 1°22' to the east, and mark the meridian thus determinedby tack in peg firmly set in ground 10 chs. N.

March, 24, 1927, 9h 0m a.m.l.m.t. with transit in the meridian I set off 37°23'N. on latitude arc, and 1°13' N.on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the decl.arc is 1°16'N. which agrees with computed decl.

At 3h 0m p.m.l.m.t. with latitude arc unchanged I set off 1°19'N. on the decl arc and determine a meridian with the solar, which agrees with the true meridian.

As all solar observations during the usual hours of solar work , come within 1' of the true meridian, I conclude that the adjustment of the solar attachment is satisfactory.

Observation of latitude was not taken in this township, the Utah- Arizona Boundary is 37°00'N. latitude, and observations were taken in the previous surveyed townships of this group to verify this latitude.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridians determined by observations on Polaris.

Final tests of transits Nos. 8544 and 8396 on meridian established in sec. 36.

March 4, 1925, at 9h0m a.m.l.m.t. we set off 37°17'N on the latitude arcs and 5°39'S., on the decl arcs, and determine meridians with the solars, which we find to agree with the true meridian.

At 3h 0m p.m.l.m.t. with latitude arcs unchanged we set off 5°33½'S. on the decl. arcs, and determine a meridian with the solar, which we find to agree with the true meridian.

Final test of transit No.9220 on meridian established in sec. 21.

April 20, 1927, at 9h 0m a.m.l.m.t,, I set off 37°23'N. on the latitude arc and 11°21'N. on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

At 3h 0m p.m.l.m.t., with latitude arc unchanged I set off 11°27'N. on the declination arc and determined a meridian with the solar, which I find to agree with the true meridian.

MEASUREMENTS

Unless otherwise specified all measurements are made with the Lallie steel tapes five chains in length, compared with the Luffkin standard steel tape and found correct.

The measurements are made on the slope, the vertical angle determined, and the slope measurements properly corrected to true horizontal distances.

WEST BOUNDARY T. 40 S., R. 15 E.

From the standard corner of T. 40 S. Rs. 14 and 15 E., which is an iron post 3 ft. long, 3 ins. in diam., with brass cap marked and witness as described in the notes of T. 41 S., R. 15 E., of this group.

North on true line, between secs. 31 and 36.

Over rolling bench land, covered with medium growth of undergrowth.

40.00 Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S36 | S 31
1925

Other accessories impracticable

Continue over rolling bench land.

47.70 Wash, 20 lks. wide and 3 ft. deep, drains NE.

80.00 Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) on solid surface rock, 30 ins. in large mound of stone for the corner of secs. 25, 30, 31 and 36, with brass cap marked

T40S
R14E | R15E
S25 | S30
S36 | S31
1925

Other accessories impracticable

Land, rolling bench, general drainage and exposure NE.

Soil, sandy loam and sandstone outcroppings 3rd. rate.

Timber none.

Undergrowth, black brush, amole plant and mountain rush.

Chains	
	North on true line between secs. 25 and 30.
	Over rolling and broken bench land, covered with medium undergrowth.
40.00	On south slope of low ridge, 20 ft, above sec. cor.
	Set iron post, 3 ft. long, I ins. in diam., over cross (x) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 25 | S 30

1925

Other accessories impracticable.

45.00	Top of low ridge, bears E. and W., 5 ft. above ¼ sec. cor.
	Thence gradual descent over rocky N. slope.
51.50	Draw, drains NE; 20 lks. wide, 68 ft. below top of ridge.
73.00	Spur, projects NE., 30 ft. above draw.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone for the corner of secs. 19, 24, 25 and 30, with brass cap marked

T 40 S

R14E | R15E

S24 | S19

S25 | S30

1925

Other accessories impracticable.

Land, rolling and broken bench; general drainage and exposure NE.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

North on true line between secs. 19 and 24.

Over broken bench land, covered with medium undergrowth.

West Boundary T. 40 S. R. 15 E.

Chains	
2.00	Draw, 1 chs. wide, drains NE.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 24 | S 19

1925

Other accessories impracticable.

42.10	Small spur, projects SE., 60 ft. above draw.
	Continue over broken bench land, gradual descent.
72.08	Left rim of the San Juan River Canyon, bears NW. and SE., 260 ft. below spur.
	The line to the North descends into the San Juan River Canyon, the true point for the corner of secs. 13, 18, 19 and 24, and the true point for the meander corner secs. 13 and 18 on left bank of the San Juan River is inaccessible, so at this point,
	Set iron post, 3 ft. long, 2 ins. in diam., over cross cut in solid surface rock, for the witness corner to the corner of secs. 13, 18, 19 and 24, and the meander corner for secs. 13 and 18, left bank of the San Juan River, with brass cap marked

WCMC

T4 OS

R14E | R15E

S13 | S18

S24 | S19

1925

Other accessories impracticable.

80.00	Points for the corner of secs. 13, 18, 19 and 24, falls on precipitous slope of San Juan River Canyon, No corner set.
	Land, broken bench land, general exposure and drainage NE.
"	Soil, sandy loam and sandstone outcroppings; 3rd rate.
"	Timber, none.
"	Undergrowth, black brush, amole plant and mountain rush.
	Grazing, fair.

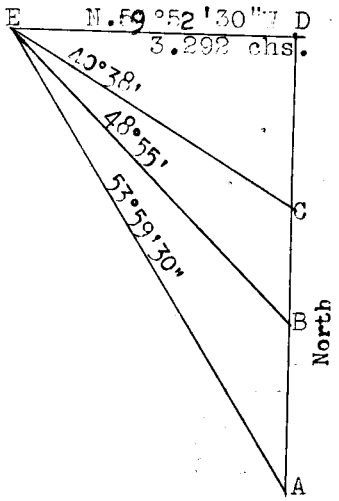
Chains

North, on true line between secs. 13 and 18.

The line to the north descends into and across the San Juan River Canyon, which has inaccessible rims, the mean high water mark of the left and right banks of the San Juan River are inacessible, so to determine the distance ahead on line I proceed as follows:

From the witness corner to the section corner for secs. 13, 18, 19 and 24, which is 7.92 chs. South of the true corner point.

Erect flag "A" at this point and designate the mean high water mark left bank as "B" and the right bank as "C", and erect flag "D" on the right rim; from flag "D" measure base line N.59°52'30"W., 3.292 chs. distance and erect flag "E"; from "E", flags "DC" subtend angle 40°38'; flags "DB" subtend angle 48°55'; flags "DA" subtend angle of 53°59'30"; this was the only base available and was doubled chained and the angles were checked by four repetitions:



Distance by triangulation A to D----------	25.98 chs.
Distance W.C. South of true corner point----	7.92 "
Total distance on line to D----------	18.06 "
Distance by triangulation D to C----------	6.51 "
Total distance on line to C----------	11.55 "
Total distance on line to D----------	18.06 "
Distance by triangulation D to B----------	13.05 "
Total distance on line to B----------	5.01 "

Chains (G.C.)	
	Point "B" of triangulation; the true point for the meander corner on the left bank of the San Juan River at mean high water mark, which is 460 ft. below the witness corner and no corner is set.
11.55	Point "C" of triangulation; the true point for the meander corner on the right bank of the San Juan River, which is inaccessible, no corner set.
18.06	Point "D" of triangulation, On right rim of the San Juan River, bears NW. and SE., 380 ft. above the river.
18.11	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, for the witness corner to the meander corner on the right bank of the San Juan River, with brass cap marked

T 40 S
R14E | R15E
S13 | S18
MC
WC
1927

Other accessories impracticable.

Thence over broken bench land covered with medium undergrowth.

40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, for the ¼ sec. cor., with brass cap marked

¼
S 13 | S 18
1927

Other accessories impracticable.

Continue over broken bench land.

80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 7, 12, 13 and 18 with brass cap marked

T40S
R14E | R15E
S12 | S 7
S13 | S18
1927

Chains		
	Other accessories impracticable.	
	Land, broken bench land, general drainage and exposure	
	Soil, sandy loam and sandstone outcroppings; 3rd rate.	
	Timber, none.	
	Undergrowth, amole plant, black brush and mountain rush.	
	Fair grazing.	

	North on true line bet. secs. 7 and 12.	
	Over broken bench land, cover with medium undergrowth.	
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked	

¼

S 12 | S 7

1927

Chains		
	Other accessories impracticable	
	Continue over broken bench land.	
57.30	Small draw, drains SW.	
80.00	Set iron post, 3 ft. long, 2 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 1, 6, 7 and 12, with brass cap marked	

T 40 S

R 14 E | R 15 E

S 1 | S 6

S 12 | S 7

1927

Chains		
	Other accessories impracticable.	
	Land, broken bench, general drainage and exposure SW.	
	Soil, sandy and sandstone outcroppings; 3rd rate.	
	Timber, none.	
	Undergrowth, black brush, amole plant and mountain rush.	
	Poor grazing.	

	North on true line between secs. 1 and 6.	
	Over rough broken bench land, covered with medium undergrowth.	

West Boundary T. 40 S. R. 15 E.

Chains	
17.30	Small draw, drains SW.
40.00	On the south slope of low ridge, 25 ft. above the draw. Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 1 | S 6 1927 Other accessories impracticable.
45.00	Top of low ridge, bears NE. and SW., 5 ft. above ¼ sec. cor.
50.60	Draw, 55 ft. below ridge, drains SW.
	Continue over broken bench land.
66.80	Draw, drains SW.
80.00	Set iron post, 3 ft. long, 3 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of Tps. 39 and 40 S., R's. 14 and 15 E., with brass cap marked T 39 S R 14 E R 15 E S 36 | S 31 S 1 | S 6 T 40 S 1927 No other accessories available.
	Land, rough and broken bench; general drainage and exposure SW.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, none.
	Undergrowth, black brush, amole plant and mountain bush.
	Pair, grazing.

Chains	
	From the corner of Tps. 39 and 40 S., R's. 15 and 16 E. which is an iron post, 3 ft. long, 3 ins. in diam., with brass cap, marked and witnessed as described in the finished notes of T. 40 S., R. 16 E.
	West on random line along the north boundary of T. 40 S., R. 15 E., setting temp. ¼ sec. and sec. corners at intervals of 40.00 chs.
479.00	Intersect N. and S. line, 1.12 chs. N. of the corner of Tps. 39 and 40 S., R's 14 and 15 E., heretofore described.
	The true bearing of this boundary is S.89°52'W.
	Thence
	From the corner of Tps. 39 and 40 S., R's. 15 and 16 E. S.89°52'W., on true line between secs. 1 and 36.
	Over broken bench land, covered with medium growth of timber and undergrowth.
11.00	Small draw, drains SW.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, 10 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S\ 36}{S\ 1}$$
1927

from which

A pinon, 20 ins. in diam., bears S.72°E., 12 lks. dist., marked ¼ S 1 B T.

A pinon, 20 ins. in diam., bears N.55¼°W., 75 lks. dist., marked ¼ S 36 B T.

Continue over broken bench land.

52.70	Small draw, drains SW.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 1, 2, 35 and 36, with brass cap marked

T39S R15E

S35	S36
S 2	S 1

T40S
1927

Chains

from which

A pinon, 10 ins. in diam., bears N.24°E., 220 lks. dist., marked T 39 S R 15 E S 36 B T.

A pinon, 12 ins. in diam., bears S.25°E., 187 lks. dist., marked T 40 S R 15 E S 1 B T.

A pinon, 12 ins. in diam., bears S.27°W., 273 lks. dist., marked T 40 S R 15 E S 2 B T.

A pinon, 10 ins. in diam., bears N.64½°W., 194 lks. dist., marked T 39 S R 15 E S 35 B T.

Land, broken bench, general drainage and exposure SW.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, juniper and pinon.

Undergrowth, black brush, amole plant and mountain bush.

Poor grazing.

S.89°52'W., on true line between secs. 2 and 35.

Over broken bench land, covered with medium growth of timber and undergrowth.

40.00 Set iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼ S 35 / S 2 1927

from which

A pinon, 10 ins. in diam., bears S.57¼°E., 100 lks. dist., marked ¼ S 2 B T.

A pinon, 12 ins. in diam., bears N.38½°W., 158 lks. dist., marked ¼ S 35 B T.

Continue over broken bench.

42.00 Draw, drains SW.

80.00 Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 2, 3, 34 and 35, with brass cap marked

Chains

T39S | R15E
S34 | S35

S 3 | S 2
T40S
1927

from which

A pinon, 10 ins. in diam., bears N.65¾°E., 315 lks. dist., marked T 39 S R 15 E S 35 B T.

A pinon, 6 ins. in diam., bears S.85°E., 249 lks. dist., marked T 40 S R 15 E S 2 B T.

A pinon, 6 ins. in diam., bears S.8¼°W., 34 lks. dist., marked T 40 S R 15 E S 3 B T.

A pinon, 4 ins. in diam., bears N.29½°W., 130 lks. dist., marked T 39 S R 15 E S 34 B T.

Land, broken bench land, general drainage and exposure SW.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, pinon and juniper.

Undergrowth, blackbrush, amole plant and mountain rush.

Poor grazing.

S.89°52'W., on true line between secs. 3 and 34.

Over broken bench land, covered with medium undergrowth and scattering timber.

5.10 Small draw, drains SW.

40.00 Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼ S 34
S 3
1927

from which

A juniper, 3 ins. in diam., bears N.28½°E., 119 lks. dist., marked ¼ S 34 B T.

A juniper 6 ins. in diam., bears S.86½°W., 65 lks. dist., marked ¼ S 3 B T.

Chains

45.00 Top of low ridge, 75 ft. above draw, bears NE. and SW.

80.00 Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 3, 4, 33 and 34, with brass cap marked

T39S R15E
S33 | S34
S 4 | S 3
T40S
1927

from which

A pinon, 10 ins. in diam., bears N.4½°E., 265 lks. dist., marked T 39 S R 15 E S 34 B T.

A pinon, 8 ins. in diam., bears S.37½°E., 216 lks. dist., marked T 40 S R 15 E S 3 B T.

A pinon, 6 ins. in diam., bears S.12 °W., 168 lks. dist., marked T 40 S R 15 E S 4 B T.

A pinon, 3 ins. in diam., bears N.35 °W., 251 lks. dist., marked B T.

This corner stands on broken SW. slope, 80 ft. below top of ridge.

Land, broken bench, general drainage and exposure SW.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, juniper and pinon.

Undergrowth, black brush, amole plant and mountain rush.

Fair, grazing.

S.89°52'W., on true line between secs. 4 and 33.

Over rough and broken bench land, covered with scattering timber and medium undergrowth.

22.80 Left rim of Steer Gulch, 20 ft. high, bears NE. and SW.

26.00 Bottom of Steer Gulch, drains SW., 40 ft. below rim.

30.00 Right rim of Steer Gulch, 15 ft. high, bears NE. and SW., 40 ft. above bottom.

Thence over broken bench.

31.00 Top of low ridge, 10 ft. above rim, bears NE. and SW.

40.00 Set iron post, 3 ft. long, 1 in. in diam., over cross

Chains	
	(X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{\frac{1}{4}\ \text{S 33}}{\text{S 4}}$$
1927

from which

A pinon, 6 ins. in diam., bears N.26½°E., 335 lks. dist., marked ¼ S 33 B T.

A pinon, 10 ins. in diam., bears S.1¼°W., 206 lks. dist., marked ¼ S 4 B T.

Continue over broken bench land.

80.00 In bottom of sandy draw, drains S. Impracticable to set corner.

80.60 Set iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for the witness corner to the sec. corner of secs. 4, 5, 32 and 33, with brass cap marked

T39S S32	R15E S33
S 5	S 4

WC

T40S
1927

and raise mound of stone, 3 ft. base, 2 ft. high, W. of the corner. Other accessories impracticable.

Land, broken bench, general drainage and exposure SW.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, black brush, amole plant and mountain rush.

Poor grazing.

S.89°52'W., on true line between secs. 5 and 32. From the true corner point for secs. 4, 5, 32 and 33. Over broken bench land, covered with very scattering timber and medium undergrowth.

0.60 The witness corner to the cor. of secs. 4, 5, 32 and 33.

25.90 Wash, 4 ft. deep and 20 lks. wide drains SW.

40.00 Set iron post, 3 ft. long, 1 in. in diam., over cross

Chains	
	(X) cut in solid surface rock, 30 ins. in large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S 32 / S 5 1927
	Other accessories impracticable.
	Continue over broken bench land.
44.80	Top of low ridge, 40 ft. above wash, bears N. and S.
67.00	Sandy wash, 30 ft. below ridge, drains SE.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, to solid rock, 20 ins. in large mound of stone, for the corner of secs., 5, 6, 31 and 32, with brass cap marked
	T39S R15E S31 | S32 S 6 | S 5 T40S 1927
	from which
	A pinon, 10 ins. in diam., bears N.66½°W., 378 lks. dist., marked T 39 S R 15 E S 31 B T.
	No other bearing trees available.
	At base of monument deposit sandstone 9 by 8 by 6 ins. marked with cross (X).
	Land, broken bench, general drainage and exposure S.
	Soil, sandy and sandstone outcroppings; 3rd rate.
	Timber, very scattering juniper and pinon.
	Undergrowth, mountain rush, amole plant, and black brush.
	Poor grazing.
	S.89°52'W., on true line between sec. 6 and 31.
	Over broken bench land, covered with medium growth of undergrowth.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 31 / S 6 1927

North Boundary T. 40 S. R. 15 E.

Chains	
	Other accessories impracticable.
	Continue over broken bench land.
67.00	Draw, drains SW.
79.00	Intersect the corner of Tps. 39 and 40 S., R's. 14 and 15 E.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, none.
	Land, broken bench, general drainage and exposure SW.
	Undergrowth, amole plant, black brush and mountain rush.
	Poor grazing.

SUBDIVISIONS

From the standard corner for secs. 35 and 36, on the S. bdy., which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked and witnessed as described in the finished notes of T. 41 S. R. 15 E., of this group.

N.0°01'W., on true line between secs. 35 and 36.

Over rough and broken bench land, covered with scattering undergrowth.

3.20	Draw, 100 ft. below sec. cor., drains NW. Ascend SW. slope.
20.00	Top of rocky ridge, 120 ft. above draw, bears NW. and SE.
38.00	Commence abrupt descent over ledges bears NW. and SE.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S35 | S36

1925

	Other accessories impracticable.
44.20	Bottom of draw, drains W., 200 ft. below ridge. Ascend S. slope over ledges.
52.00	Top of ridge, bears E. and W., 90 ft. above draw.

Chains	
64.00	Descend over small ledges bears E. and W.
65.00	Small draw, drains W., 30 ft. below ridge.
80.00	Set iron post, 3 ft. long, 2 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 25, 26, 35 and 36, with brass cap marked

T40S R15E
S26 | S25
S35 | S36
1925

Other accessories impracticable.

Land, rough and broken, general drainage and exposure W.

Soil, sandy and sandstone outcroppings; 3 rd. rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain rush.

Grazing poor.

East on random line, between secs. 25 and 36.

40.00	Set temp. ¼ sec. cor.
80.02	Intersect the E. bdy. township, 7 lks. S. of the corner of secs. 25, 30, 31 and 36, which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked and witnessed as described in the notes of T. 40 S. R. 16 E.

Thence, S. 89°57'W., on true line between secs. 25 and 36.

Over broken bench land, covered with medium growth of undergrowth.

27.20	Low ridge, bears SE. and NW., 20 ft. above sec. cor.
40.01	Set iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to solid rock 24 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼ S 25
S 36
1925

deposit a sandstone, 8 by 6 by 5 ins. marked with a (X) cross at base of monument.

Continue over broken bench land.

80.02	Intersect the corner of secs. 25, 26, 35 and 36.

Chains	
	Land, broken bench, general drainage and exposure NW.
	Soil, sandy and sandstone outcroppings; 3rd rate.
	Timber, none..
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

N. 0°01'W., on true line between secs. 25 and 26.

Over broken bench land, covered with medium undergrowth.

40.00 Set iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, 18 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 26 | S 25.

1925

deposit a sandstone 12 by 8 by 3 ins. marked with a cross (X), at base of the monument. Other accessories impracticable.

Continue over broken bench land.

47.70 Head of small draw, drains NW.

80.00 On gentle NW. slope, 80 ft. below the ¼ sec. cor.

Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 23, 24, 25 and 26, with brass cap marked

T40S R15E

S23 | S24

S26 | S25

1925

Other accessories impracticable.

Land, broken bench, general drainage and exposure NW.

Soil, sandy and sandstone outcroppings; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain rush.

N.89°57'E., on random line between secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.,

79.82 Intersect the E. bdy. of township 11 lks. S. of the corner of

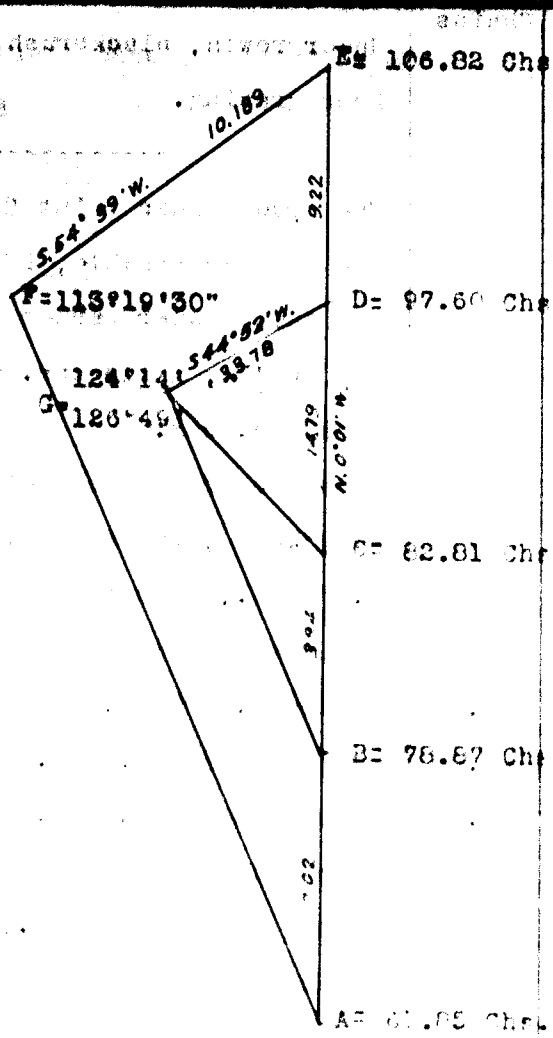
Subdivisions of T. 40 S. R. 15 E.

Chains	
	secs. 19, 24, 25 and 30, which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked and witnessed as described in the finished notes of T.40 S., R. 16 E.
	Thence,
	S.89°52'W., on true line between secs. 24 and 25.
	Over broken bench land, covered with medium growth of undergrowth.
35.30	Small draw, drains NW., 70 ft. below sec. cor.
39.91	On N. slope 30 ft. above the draw.
	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 24 / S 25 1925
	Other accessories impracticable.
	Continue over broken bench land.
57.20	Same draw, drains SW.
69.80	Same draw, drains NW., gradual ascent.
79.82	25 ft. above the draw; Intersect the corner of secs. 23, 24, 25 and 26.
	Land, broken bench, general drainage and exposure NW.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, none.
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

	N.0°01'W., on true line between secs. 23 and 24.
	Over broken bench land, covered with medium undergrowth.
8.70	Commence descent over series of broken ledges bear NW. and SE.
12.70	Draw, drains NW., 80 ft. below sec. cor.
	Ascend over series of ledges bear NW. and SE.
23.50	Top of ridge, bears NW. and SE., 40 ft. above draw.

[illegible]

Subdivisions of T. 40 S. R. 15 E.



Dist. on line to A ----------	61.85 chs.
Distance by triangulation ----------	44.97 "
Total distance on line to E ----------	106.82 "
By return measurement E to D ----------	9.22 "
Total distance on line to D ----------	97.60 "
Distance by triangulation D to C ---------	14.79 "
Total distance on line to C ----------	82.81 "
Total distance on line to D ----------	97.60 "
Distance by triangulation D to B ---------	18.73 "
Total distance on line to B ----------	78.87 "

78.87 Point B of triangulation, the true point for the meander corner on the left bank of the San Juan River 710 ft. below witness corner, which is inaccessible, no corner set.

80.00 Falls in the San Juan River. No corner set.

Land, broken bench, general drainage and exposure NW.

Soil, sandy and sandstone outcroppings; 3rd rate.

Timber, none.

Chains	
	Undergrowth, blackbrush, amole plant and mountain rush.
	Poor grazing.

	The true corner point for secs. 13, 14, 23 and 24, being inaccessible, I commence at the witness corner to the meander corner bet. secs. 23 and 24, which is S.0°01'E., 16.15 chs. dist. from the true point for the sec. cor.
	Thence on random offset line between 13 and 24.
	N.89°52'E., on offset line, 18.09 chs. dist., thence N.0°01'W., on offset line, 16.15 chs. dist., to true random line at
18.09	Thence N.89°52'E., on random line.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect the E. bdy. of the township at the corner of secs. 13, 18, 19 and 24, which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked and witnessed as described in the finished notes of T. 40 S. R. 16 E.
	Thence S.89°52'W., on true line between secs. 13 and 24.
	Over broken bench land, covered with medium undergrowth.
39.91	On gentle W. slope, 60 ft. below sec. cor.
	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor.
	¼ 3 13 / S24 1925
	Other accessories impracticable.
	Continue over broken bench land.
61.73	Left rim of the San Juan River Canyon, 300 ft. high bears NE. and SW., over which chaining is impracticable.
	The left bank of the San Juan River is inaccessible so at this point [illegible]
[illegible]	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner [illegible]

Chains

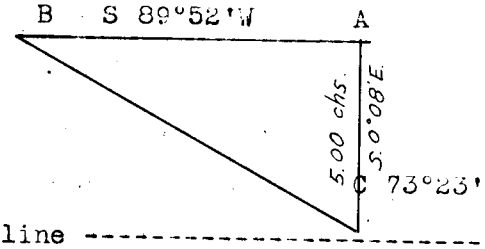
meander corner on the left bank of the San Juan River, with brass cap marked

T40S
S13
MC
WC
S 24
R15E
1925

Other accessories impracticable.

To obtain measurement to the mean high water mark on the left bank of the San Juan River, I triangulate as follows:

Erect flag "A" at this point, and designate the mean high water mark on the right bank as "B", from "A" measure base line S.0°08' E., 5 chs. dist., and erect flag "C"; from "C" flags "AB" subtend angle of 73°23'; base line doubled chained and the angles checked by four repetitions:



Distance on line ---------- 61.73 chs.
Distance by triangulation A to B ---------- 16.75 "
Total distance on line to B ---------- 78.48 "

78.48 Point B of triangulation. The mean high water mark on the left bank of the San Juan River, 700 ft. below the witness corner; This point is inaccessible so no corner was set.

Thence on offset from the 61.73 chs. point.
S.0°01'E., 18.15 chs. dist., thence
S.89°52'W., 18.09 chs., dist., to

79.82 Intersect the witness meander corner for secs. 23 and 24 on the left bank of San Juan River which is S0°01'E. 18.15 chs. dist. from the true point for the corner of secs. 13, 14, 23 and 24.

Land rough and broken; general drainage and exposure NW.

Chains	
	Soil, sandy loam and sandstone outcroppings; and [illegible]
	Timber none.
	Undergrowth, black brush, amole plant and mountain rush.
	Grazing poor.
	-- ----------
	N.0°01'W., on true line between secs. 13 and 14.
	Counting distance from the true point for the sec. cor.
2.61	Point C. of triangulation. (see line bet. secs. 23 & 24)
	The mean high water mark on the right bank of the San Juan River, the true point for the meander corner which is inaccessible, no corner set.
	Thence by triangulation, ascend the precipitous slope and wall of the San Juan River Canyon over which chaining is impracticable.
17.60	Point D of triangulation. (see line bet. secs. 23 and 24.); the right rim of the San Juan River Canyon, 670 ft. above the river, bears NE. and SW., thence by chaining over broken bench land.
17.84	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the meander cor. on the right bank of the San Juan River, with brass cap marked

T40S | R15E
S14 | S13
MC
WC
1927

	Other accessories impracticable.
26.82	Point E of triangulation. (see line bet. secs. 23 & 24)
	Thence over broken bench land covered with medium growth of timber and undergrowth.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

Chains

S 14 | S 13
1927

from which

A pinon 3 ins. in diam., bears N.82°15'W., 260 lks. dist., marked B T.

A pinon 7 ins. in diam., bears N.33°45'E., 222 lks. dist., marked ¼ S 13 B T.

Continue over broken bench land.

80.00 Set iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock, 24 ins. in large mound of stone, for the corner of secs. 11, 12, 13 and 14, with brass cap marked

T40S R15E
S11 | S12
S14 | S13
1927

from which

A pinon 8 ins. in diam., bears N.51°E., 70 lks. dist., marked T 40 S R 15 E S 12 B T.

A pinon 8 ins. in diam., bears S.45¼°E., 170 lks. dist., marked T 40 S R 15 E S 13 B T.

A juniper 3 ins. in diam., bears S 19¼°W., 40 lks. dist., marked B T.

A pinon 7 ins. in diam., bears N. 44¾°W., 223 lks. dist., marked T 40 S R 15 E S 11 B T.

Land, rough and broken; general drainage and exposure S.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, juniper and pinon.

Undergrowth, black brush, amole plant and mountain rush.

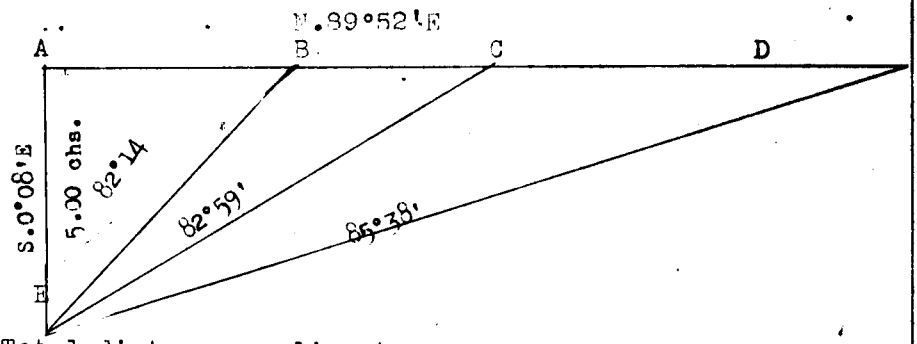
Grazing Poor.

N.89°52'E., on random line between secs. 12 and 13.

11.73 The right rim of Grand Gulch and San Juan River Canyon over which chaining is impracticable, therefore to obtain distance to the right and left banks of the San Juan River and the left rim of the San Juan River Canyon I triangulate as follows:

Subdivisions of T. 40 S., R. 15 E.

Chains	
	Erect flag "A" at this point, designate the right bank at mean high water mark as "B" the left bank as "C" and erect flag D on the left rim of the canyon; from "A" measure base line S.0°08'E., 5.00 chs. dist and erect flag "E"; from "E" flags "AB" subtend angle 82°14' and flags "AC" subtend angle of 82°59' and flags "AD" subtend angle of 85°38'; all angles were checked by four repetitions and this was the only base line available and was doubled chained.



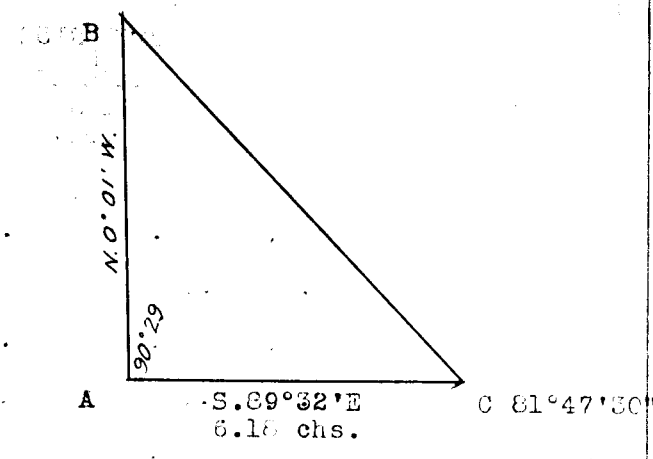
Total distance on line to A	11.73 chs.
Distance by triangulation A to B	36.66
Total distance on line to B	48.39
Total distance on line to A	11.73
Distance by triangulation---A to C	40.62
Total distance on line to C	52.35
Total distance on line to A	11.73
Distance by triangulation A to D	65.48
Total distance on line to D	77.21
By return measurement	- 07
	77.14

11.75	Set temp.W.C. for ¼ sec. cor. and meander corner.
48.39	Point B of triangulation. The mean high water mark on the right bank of the San Juan River.
52.35	Point C of triangulation. The mean high water mark on the left bank of the San Juan River.
77.14	Set temp W.C. for meander corner.
77.21	Point D of triangulation. Thence by chaining.
80.06	Intersect the corner of secs. 7,12,13 and 18, on E. Bdy. Tp., which is an iron post, 3 ft. long, 2 ins. in diam, with brass cap marked and witnessed as described in the finished notes of T. 40 S., R. 15 E.

Chains	
	Thence
	S.89°52'W., on true line between secs. 12 and 13.
	Over very rough and broken land, medium growth of undergrowth and scattering timber.
2.85	Point D of triangulation, left rim of San Juan River Canyon.
2.92	The true point for the meander corner left bank is inaccessible so at this point.
	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the meander corner on the left bank of the San Juan River, with brass cap marked
	WCMC | T40S / S 12 / S 13 / R15E / 1927
	Other accessories impracticable.
	This corner stands on the left rim of the San Juan River Canyon, bears NE. and SW.
	Thence by triangulation over impassable rims and slopes of the San Juan River Canyon.
27.71	Point C of triangulation. The true point for the meander corner on the left bank of the San Juan River 1120 ft. below witness corner.
	No corner set.
31.67	Point B. of triangulation. The true point of the meander corner on the right bank of the San Juan River.
	No corner set.
40.03	Falls on the inaccessible slopes of San Juan River Canyon and Grand Gulch. No ¼ sec. corner set.
57.40	Approximate distance to bottom of Grand Gulch, drains S.
68.31	On top of the right rim of the San Juan River and Grand Gulch Canyons, 920 ft. above river, bears NE. and SW.
	Set iron post, 3 ft. long, 1 in. in diam., over cross

Chains	
	(X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the ¼ sec. cor. and the meander corner on the right bank of the San Juan River, with brass cap marked T40S ¼ S12 | MCWC S13 R15E 1927 Other accessories impracticable.
88.33	Point A of triangulation. Thence by chaining over broken bench land.
90.06	Intersect the corner of secs. 11, 12, 13 and 14. Land, rough and broken; general drainage and exposure SW. Soil, sandy and sandstone outcroppings; 3rd. rate. Timber, juniper and pinon. Undergrowth, black brush, amole plant and mountain rush. Poor grazing.

	N.0°01'W., on true line between secs. 11 and 12. Over broken bench land, covered with scattering timber and undergrowth.
13.00	Right rim of Grand Gulch, bears E. and W. The line to the N. descends into and across Grand Gulch Canyon, over which chaining is impracticable. To obtain measurement across canyon I triangulate as follows: No suitable base available at this point I return to the corner of secs. 11, 12, 13 and 14. Erect flag "A" at this corner and erect flag "B" on line to the N., from "A" measure base line S.89°32'E., 6.18 chs. dist., and erect flag "C"; from "C" flags "A" "B" subtend angle of 81°47'30"; base line double chained and the angle checked by four repetitions:

Chains	
	
	Total distance on line by triangulation ---- 45.51 chs.
	By return measurement ---------- 2.38 "
	43.13 "
	Approximate distance to topography..
19.00	Bottom of Grand Gulch Canyon, 600 ft. below top of rim, drains SE.
22.30	Sandstone spur, projects SW., 400 ft. above canyon.
38.00	Bottom of Grand Gulch Canyon, drains SW., 300 ft. below spur.
43.12	Top of rim of Grand Gulch Canyon, bears NW. and SW., 500 ft. above bottom. Thence over broken bench land.
43.22	The true point for the ¼ sec. cor. at 40.00 chs. falls on the inaccessible rim of Grand Gulch Canyon, where a corner can not be set, so at this point
	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the ¼ sec. cor., with brass cap marked
	¼ S 11 | S 12 WC | 1927
	Other accessories impracticable.
45.51	Point B of triangulation.
72.00	Surface rock draw, drains SW.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 1,2,11 and 12 with brass cap marked

Chains

T40S	R15E
S 2	S 1
S11	S12

1927

from which

A pinon, 6 ins. in diam., bears N. $46\frac{3}{4}$°E., 47 lks. dist., marked T40SR15ES1 BT.

A pinon, 3 ins. in diam., bears S.6°E., 200 lks. dist., marked B T.

A pinon, 3 ins. in diam., bears S.64°W., 92 lks. dist., marked B T.

A pinon, 3 ins. in diam., bears N.15$\frac{1}{4}$°W., 38 lks. dist., marked B T.

Land, rough and broken, general drainage and exposure SW

Soil, sandy and sandstone outcroppings; 3rd.rate.

Timber, juniper and pinon.

Undergrowth, amole plant and black brush.

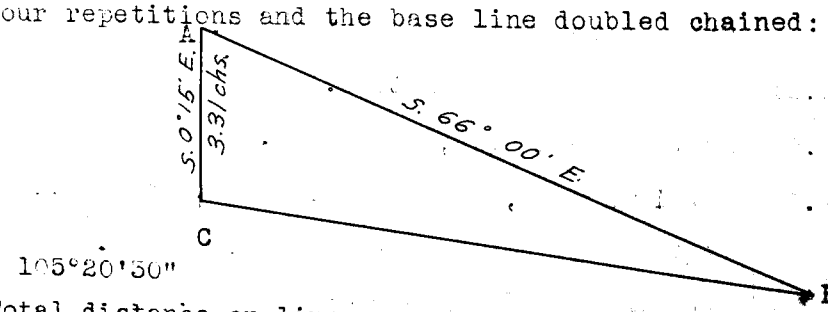
Grazing poor.

N.89°52'E., on random line between secs. 1 and 12.

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

60.86 Right rim of Grand Gulch Canyon, over which chaining is impracticable to determine the distance of this mile. I triangulate as follows;

Erect flag "A" at this point; designate the witness corner to the sec. cor. secs. 1, 6, 7 and 12, E. bdy. of tp., as "B" which bears S.66°E., from "A" measure base line S.0°15'E., 3.31 chs. dist. and erect flag "C"; from C flags "AB" subtend angle of 105°20'30"; this was the longest base available, angles checked by four repetitions and the base line doubled chained:



Total distance on line---------- 60.86 chs.

Chains	
	Distance by triangulation ---------- 20.61 chs.
	Equal to 18.83 chs. Easting and 8.38 chs. Southing.
	Therefore at 79.69 Easting and 8.38 chs. southing
	intersect the witness corner to the corner of secs. 1,6,7 and 12, on E. bdy of Tp. which is an iron post, 8.43 chs. south of the true corner point, with a brass cap marked and witnessed and described in the finished field notes of T. 40 S. R. 16 E.
	The true bearing of this line is S.89°52'W., and dist. is 79.69 chs.
3.00	Approx. dist. from true cor., bottom of Grand Gulch Canyon, drains SW. 300 ft. below rim. From above W.C.
	Thence by traverse line N.68°W., 20.61 chs. dist. to
18.83	Point "A" of triangulation, on the right rim of Grand Gulch Canyon, bears NE. and SW.
	Thence, S. 89°52'W., on true line.
	Continue over broken bench land, covered with scattering timber and undergrowth.
31.70	Surface rock draw, drains SW.
39.845	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{S\ 1}{S\ 12 \quad 1927}$$

from which

A juniper, 3 ins. in diam., bears S.1°E., 39 lks. dist., marked B T.

A juniper, 3 ins. in diam., bears N.2¼°E., 175 lks. dist., marked B T.

71.40	Surface rock draw, drains S.W., dontinue over broken bench land.
79.69	Intersect the corner for secs. 1,2,11 and 12.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone outcroppings; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sagebrush and black brush.

Chains	
	Poor grazing.
	North on random line between secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. boundary, 38 lks. east of the corner of secs. 1, 2, 35 and 36.
	Thence, S.0°17'E., on true line between secs. 1 and 2.
	Over broken bench land, covered with medium undergrowth and timber.
40.04	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec.cor., with brass cap marked.

¼

S 2 | S 1

1927

from which

A juniper 6 ins. in diam., bears N.38¾°E., 71 lks. dist., marked ¼ S 1 B T.

A juniper 7 ins. in diam., bears N.53¾°W., 101 lks. dist., marked ¼ S 2 B T.

48.30	Draw, drains SW.
	Continue over broken bench land.
80.04	Intersect the corner of secs. 1,2,11 and 12.
	Land, broken bench; general drainage and exposure SW.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, juniper and pinon.
	Undergrowth, black brush, amole plant and mountain rush, poor grazing.

From the standard corner of secs. 34 and 35, which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked, witnessed and described in the finished notes of T. 41 S. R. 15 E.

N.0° 01'W., on true line between secs. 34 and 35.

Over rough and broken bench land, covered with scattering undergrowth.

Chains

5.00 Small ledge rim, bears E. and W., 10 ft. high, continue by gradual descent.

26.50 Right rim of canyon, 50 ft. high, bears NW. and SE.

26.70 Bottom of canyon, drains NW., this is a fork of the canyon and drains from the NE. and SE., 140 ft. below the sec. corner.

Gradual ascent over SW. slope.

40.00 Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock. 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 34 | S 35
1925

Other accessories impracticable.

50.00 Low ridge, 40 ft. above bottom of canyon, bears E. and W.

65.00 Small draw, drains W., 20 ft. below ridge.

70.00 Low spur projects SW.

75.00 Ledge rim, 10 ft. high, bears E. and W.

80.00 Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in ground, 25 ins. in large mound of stone, for the corner of secs. 26, 27, 34 and 35, with brass cap marked

T40S | R15E
S27 | S26
S34 | S35
1925

deposit sandstone, marked with (X) cross, 24 by 20 by 3 ins., at base of monument.

Land, rough and broken: general drainage and exposure W.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, none.

Undergrowth, black brush, amole plant and mountain mush.

Poor grazing.

East, on random line between secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

Chains	
80.00	Intersect the corner of secs. 25, 26, 35 and 36.
	Thence, West on true line between secs. 26 and 35.
	Over rough and broken bench land, covered with medium growth of undergrowth.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{\text{S 26}}{\text{S35}}\ 1925$$

Other accessories impracticable.

Continue over broken bench land.

68.00	Top ledges bears NW. and SW., descend
70.00	110 ft. below top of rim.
	Intersect the corner of secs. 26, 27, 34 and 35.
	Land, rough and broken; general drainage and exposure
	Soil, sandy and sandstone outcroppings; 3rd rate.
	Timber, none.
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

N.0°01'W., on true line between secs. 26 and 27.

Over rough and broken bench land.

5.00	Small draw, drains W.
10.00	Top of rim bears W. and SE., 40 ft. above draw.
15.00	Small draw, drains W., 20 ft. below top of rim.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

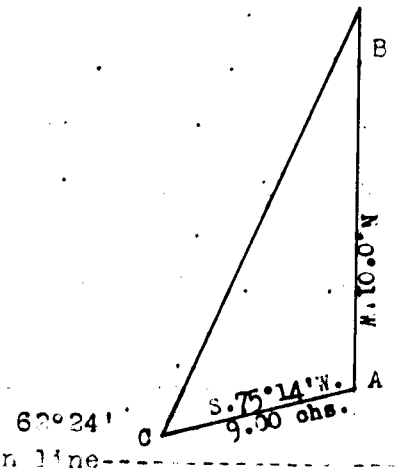
$$\frac{1}{4}\ \text{S 27} \mid \text{S 26}\ 1925$$

Other accessories impracticable.

Chains	
43.40	Erect flag "A" for triangulation.
50.00	Left rim of canyon, bears NW. and SE.

The line to the north passes over box canyon, with inaccessible walls and slopes, to obtain measurement across canyon, I triangulate as follows:

Erect flag "B" to the north on line, return to "A" and measure base line, S.75°14'W., 9.00 chs. dist., and erect flag "C"; from "C" flags "AB" subtend angle 62°24'.



Distance on line---------- 43.40 chs.

Distance by triangulation---------- 35.86 "

Total distance on line ---------- 79.26 "

Approximate distance to topography.

53.00	Bottom of canyon, 100 ft. below rim, drains N.
70.00	Top of rim, 100 ft. above bottom of canyon, bears E. and W.
79.26	Point B of triangulation. Thence by chaining.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 22, 23, 26 and 27, with brass cap marked

T40S | R15E
S22 | S23
S27 | S26
1925

Otheraccessories impracticable

Land, rough and broken bench; general drainage and exposure NW.

Soil, sandy and sandstone outcroppings; 3rd. rate.

Chains	
	Timber, none.
	Undergrowth, black brush, amole plant and mountain [illegible]
	Poor grazing.

	East, on random line between secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect the corner of secs. 23, 24, 25 and 26.
	Thence, west on true line between secs. 23 and 26.
	Over rough and broken bench land, covered with medium undergrowth.
8.20	Small draw, drains NW., 40 ft. below sec. cor.
11.20	Top of ledges, bears NW. and SE., 60 ft. above draw.
4[illegible].09	Set iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, 18 ins. in large mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S 23 / S 26 1925
	at base of monument deposit sandstone, 12 by 8 by 4 ins., marked with cross (X). No other accessories available.
43.10	Small draw, 20 ft. below ¼ sec. cor., drains NW.
80.18	Intersect the corner of secs. 22, 23, 26 and 27, 20 ft. above draw.
	Land, rough and broken, general drainage and exposure NW.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, none.
	Undergrowth, black brush, and amole plant.
	Poor grazing.

	N.0°01'W., on true line between secs. 22 and 23
	Over rough and broken bench land, covered with medium undergrowth.
23.01	Left rim of the San Juan River Canyon, 80 ft. below sec. cor., bears NE and NW. The left bank of the San Juan River is inaccessible at this point so I

Chains

Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the meander corner on the left bank of the San Juan River with brass cap marked

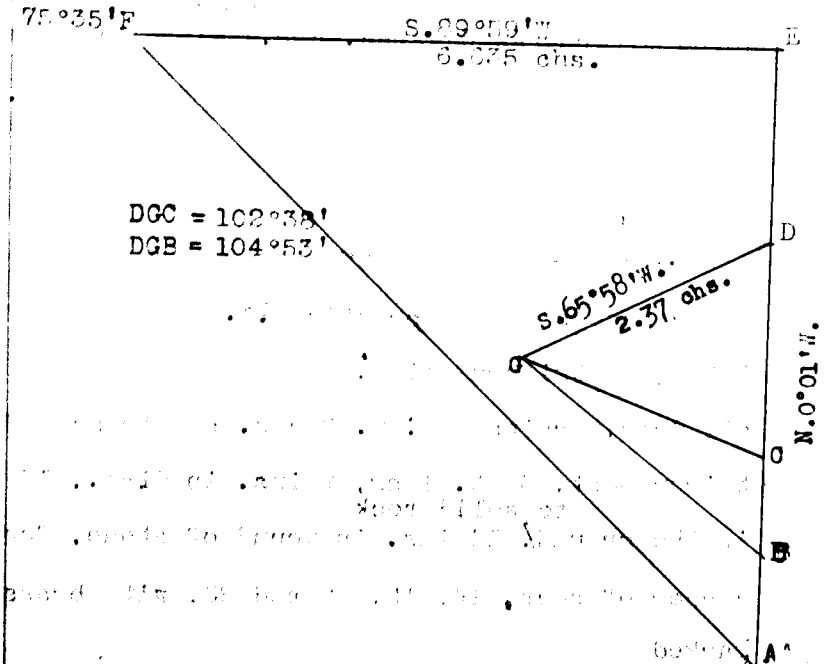
WC
MC

S 22	S 23
T40S	R15E
1925	

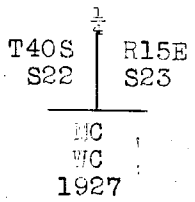
Other accessories impracticable.

The line to the north passes over the San Juan River Canyon with impassable walls and inaccessible slopes, where chaining is impracticable to obtain measurement to the right and left bank of the river and the right rim of canyon triangulate as follows:

Erect flag "A" at this point: designate the left bank as "B" and the right bank as "C", and erect flags "D" and "E" on line to the north. From "E" measure base line, S. 89°59'W., 8.025 chs. dist and erect flag "F", from "F" flags "AE" subtend angle of 75°35'; from "B" measure base line S.89°59'W., 8.27 chs. dist., and erect flag "G"; from "G" flags "BC" subtend angle 102°38' and flags "BD" subtend angle 104°53', all angles checked by four repetitions and the base line doubled chained.



Chains	
	Distance on line to A----------23.01 chs
	Distance by triangulation A to E----------25.81 "
	Total distance on line to E---------- 48.82 "
	Distance by return measurement E to D---------3.96 "
	Total distance on line to D---------- 44.86 "
	Distance by triangulation D to C----------11.72 "
	Total distance on line to C----------33.14 "
	Total distance on line to D ----------44.86 "
	Distance by triangulation D to B---------- --14.43 "
	Total distance on line to B----------30.43 "
30.43	Point B of triangulation. Mean high water mark on the left bank of the San Juan River, 700 ft. below witness corner which is inaccessible, no corner set.
33.14	Point C. of triangulation. Mean high water mark on the right bank of the San Juan River, which is inaccessible and no corner was set.
40.00	Falls on inaccessible slope of the San Juan River, no corner set.
44.86	Point D of triangulation. Top of the right rim of the San Juan River, 650 ft. above the river, bears E. and W. Thence by chaining over broken bench land covered with medium growth of timber and undergrowth.
44.93	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the witness corner to the meander corner on right bank of river and ¼ sec. cor., with brass cap marked



Other accessories impracticable.

49.32	Point E. of triangulation.
79.70	Small draw, drains. NW. 2.00 chs. and thence SW.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock, 14 ins. in mound of stone, for the corner of secs. 14, 15, 22 and 23, with brass cap marked

Chains

T40S R15E

S15	S14
S22	S23

1927

from which

On face of ledge, 20 ft. high, bears SW. and NE., N.27¼°E., 187 lks. dist., mark X S 14 B O.

A juniper 8 ins. in diam., bears S.4¼°E., 244 lks. dist., marked T 40 S R 15 E S 23 B T.

A juniper 6 ins in diam., bears S.7 ¼°W., 292 lks. dist., marked B T. Too scrubby for other marking.

A juniper 3 ins. in diam., bears N.52½°W., 49 lks. dist., marked B T.

Land, rough and broken; general drainage and exposure W.

Soil, sandy and sandstone outcroppings; 3rd. rate.

Timber, juniper and pinon.

Undergrowth, blackbrush, amole plant and mountain rush.

Poor grazing.

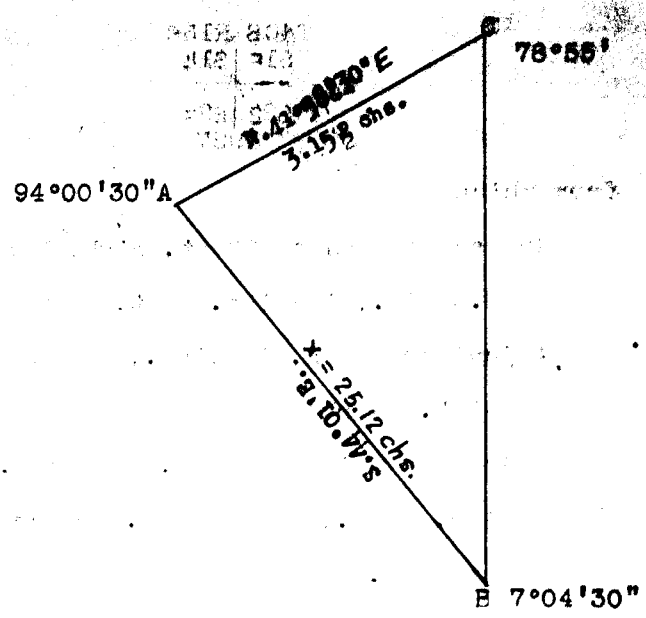
East on random line between secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.,

62.55 On the right rim of the San Juan River Canyon, over which chaining is impracticable. The true point for the corner of secs. 13, 14, 23 and 24, falls in the San Juan River, to determine the true bearing and distance of this mile I triangulate to the witness meander corner between secs. 23 and 24, which is S.0°01'E., 18.15 chs. distance from the true point for the secs. corner of secs. 13, 14, 23 and 24.

Erect flag "A" at this point; designate the witness meander corner between secs. 23 and 24 as "B", which bears S.44°01'E., from "A" measure base line N.41°58'30" E., 3.152 chs. distance and erect flag "C", from "C" flags "AB" subtend angle 78°55'; the angles were checked by four repetitions and the base line was doubled chained, this was the only available base line.

Chains



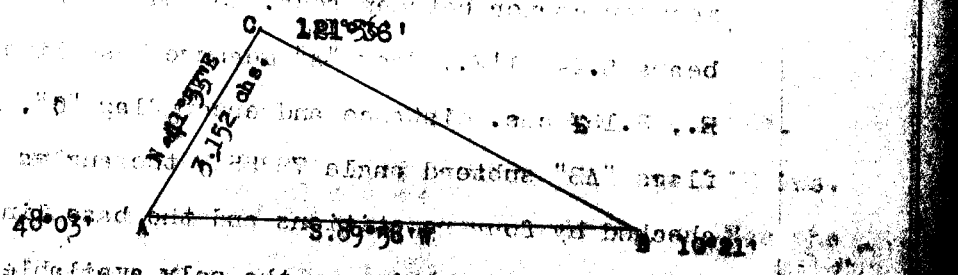
Distance by triangulation A to B is S.44°01'E., 25.12chs.
Which equals Easting of 17.45 chs. and Southing of 18.06 chs.

Therefore the the true course of this mile is S.89°56' W., and the distance is 20.00 chs.

Thence from the witness meander corner between secs. 23 and 24, N.44°01'W., 25.12 chs. on traverse line.

Thence North 0.07 chs. to the true line between secs. 14 and 23, this point is S.89°56'W., 17.45 chs. distance from the true point for the corner of secs. 13, 14, 23 and 24. The mean high water mark on the right bank of the San Juan River is inaccessible so to determine the distance I triangulate as follows:

Erect flag "A" at this point and designate the mean high water mark on the right bank as "B", from "A" measure base line N.41°53'E., 3.152 chs. distance and erect flag "C", from "C" flags "AB" subtend an angle of 121°36'; all angles checked by four repetitions and the base line was doubled chained.



Chains	
	Total distance on line to A----------17.45chs.
	Distance by triangulation A to B----------14.96 "
	Total distance on line to B----------2.49 "
2.49	Point B. of triangulation. The mean high water mark on the right bank of the San Juan River, which is inaccessible, no corner set.
17.45	Point A of triangulation. Top of the rim on the right of the San Juan River Canyon, 1000 ft. above the river, bears NE. and SW. At this point
	set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock 30 ins. in large mound of stone, for the witness corner to the meander corner bet. secs. 14 and 23, with brass cap marked
	T40S S14 / R15E S23 1927 MCMC
	Other accessories impracticable.
	Thence S.89°56'W., on true line, over rough and broken bench land, covered with medium growth of timber and undergrowth.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground, 24 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 14 / S 23 1927
	from which
	A juniper 7 ins. in diam., bears North., 93 lks. dist., marked ¼ S 14 B T.
	A pinon, 10 ins. in diam., bears S.31½°W., 90 lks. dist., marked ¼ S 23 B T.
64.20	Small draw, drains SW.
80.00	Intersect the corner of secs. 14, 15, 22 and 23, 100 ft below ¼ sec. cor.
	Land, rough and broken; general drainage and exposure SW.

Chains	
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, juniper and pinon.
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

	N.0°01'W., on true line, between secs. 14 and 15.
	Over rough and broken bench land, covered with medium growth of timber and undergrowth.
5.40	Draw, 6 ft. below sec. cor., drains S.
20.90	Top of low ridge, 60 ft. above draw, bears E. and W.
25.30	Draw, drains W., 70 ft. below ridge.
26.70	Low ridge, bears E. and W., 30 ft. above draw.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the sec. cor., with brass cap marked

S 15 | S 14
1927

from which

A pinon, 6 ins. in diam., bears N.77½E., 85 lks. marked ½ S 14 B T.

A pinon, 6 ins. in diam., bears S.57½°W., 87 lks. marked ½ S 15 B T.

43.40	Draw, drains SW., 50 ft. below ridge.
51.60	Low ridge, bears NE. and SW., 50 ft. above draw.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the corner of secs. 10, 11, 14 15, with brass cap marked

T40S R15E
S10 | S11
S15 | S14
1927

from which

A juniper, 6 ins. in diam., bears N.34°E., 17 lks. dist., marked T 40 S R 15 E S 11 B T.

A juniper, 8 ins. in diam., bears S.71½°E., 75 lks. dist., marked S T.

A pinon, 8 ins. in diam., bears S.78°W., 175 lks. dist., marked T 40 S R 15 E S 15 B T.

A pinon, 8 ins. in diam., bears N.15°W., 147 lks. dist., marked B T.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone outcroppings; 3 rd. rate.

Timber, pinon and juniper.

Undergrowth, black brush, amole plant and mountain rush.

Poor grazing.

N.89°56'E., on random line, between secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 5 lks. N. of the corner of secs. 11, 12, 13 and 14.

S.89°53'W., on true line, between secs. 11 and 14.

Over broken bench land, covered with cedar growth of timber and undergrowth.

12.70 Small draw, drains SW., from NE.

40.01 Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 50 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

$$\frac{S\ 11}{S\ 14}$$
1927

from which

A pinon, 8 ins. in diam., bears N.22½°W., 124 lks. dist., marked ¼ S 11 B T.

A pinon, 10 ins. in diam., bears S.21°W., 230 lks. dist., marked ¼ S 14 B T.

Continue over broken bench land.

45.00 Draw, drains SW.

80.02 Intersect the corner of secs. 10, 11, 14 and 15.

Land, rough and broken; general drainage and exposure SW.

Chains	
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, pinon and juniper.
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

	N.0°01'W., on true line, between secs. 10 and 11.
	Over broken bench land, covered with medium growth of timber and undergrowth.
30.60	Wash W., 2 ft. deep 35 lks. wide, 70 ft. below sec. cor., drains SW.
36.90	Spur, 50 ft. above wash, projects W.
	Thence over W. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the sec. cor., with brass cap marked

S 10 | S 11
1927

from which

A pinon, 6 ins. in diam., bears N.50°E., 162 lks. dist., marked S 11 B T.

A pinon, 8 ins. in diam., bears .40°W., 88 lks. dist., marked S 10 B T.

Continue over broken bench land.

80.00 Set iron post, 3 ft. long, 2 in., diam., over cross (X) cut in solid surface rock. 30 ins. in large mound of stone, for the corner of secs. 2, 3, 10 and 11, with brass cap marked

T40S	R15E
S 3	S 2
S10	S11

1927

from which

A pinon, 12 ins. in diam., bears N.48°E., 273 lks. dist., marked T 40 S R 15 E S 2 B T.

A pinon, 3 ins. in diam., bears S.78¼°E., 327 lks. dist., marked T 40 S R 15 E S 11 B T.

Chains	
	A juniper, 8 ins. in diam., bears S.64°W., 307 lks. dist., marked T 40 S R 15 E S 10 B T.
	A pinon, 16 ins. in diam., bears N.19½°W., 281 lks. dist., marked T 40 S R 15 E S 3 B T.
	Land, rough and broken; general drainage and exposure SW.
	Soil, sandy and sandstone outcroppings; 3rd. rate.
	Timber, juniper and pinon.
	Undergrowth, black brush, amole plant and mountain rush.
	Poor grazing.

	N.89°58'E., on random line between secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 14 lks. S. of the corner of the corner of secs. 1, 2, 11 and 12.
	S.89°52'W., on true line, between secs. 2 and 11.
	Over broken bench land, covered with medium growth of timber and undergrowth.
12.75	Draw, drains SW.
34.20	Top of ridge, bears NE. and SW., 5[illegible] ft. above draw.
	Desc. over gradual NW. slope.
40.03	Set iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S 2
S 11
1927

from which

A pinon, 3 ins. in diam., bears S.30 W., 210 lks. dist., marked B T.

A pinon, 20 ins. in diam., bears N.69½°W., 267 lks. dist., marked ¼ S 2 B T.

	Continue over broken bench.
80.06	Intersect the corner of secs. 2, 3, 10 and 11.
	Land, rough and broken; general drainage and exposure SW.
	Soil, sandy and sandstone outcroppings; 3 rd. rate.
	Timber, pinon and juniper.
	Undergrowth, mountain rush and black brush. Poor grazing.

Chains	
	N.0°17'W., on random line, between secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. bdy. of township, 5 lks. W. of the corner of secs. 2, 3, 35 and 34, heretofore described.
	Thence S.0°15'E., on true line, between secs. 2 and 3.
	Over broken bench land, covered with scattering timber and medium undergrowth.
40.04	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 3 | S 2
1927

from which

A pinon, 6 ins. in diam., bears N.75°E., 53 lks. dist., marked ¼ S 2 B T.

A pinon, 8 ins. in diam., bears S.54¾°W., 99 lks. dist., marked ¼ S 3 B T.

Continue over broken bench land.

80.04 Intersect the corner of secs. 2, 3, 10 and 11.

Land, broken bench: general drainage and exposure SW.

Soil, sandy and sandstone outcroppings; 3rd. rate.

Timber, pinon and juniper.

Undergrowth, black brush, amole plant and mountain rush.

Poor grazing.

From the standard corner of secs. 33 and 34, which is an iron post, 3 ft. long, 2 ins. in diam., with brass cap marked and witnessed as described in the finished field notes of T. 41 S., R. 15 E.

N.0°02'W., on true line between secs. 33 and 34.

Over rough and broken bench land, covered with medium growth of undergrowth.

10.00	Base of ledges, bears E. and W.
14.50	Top of ledges, 60 ft. high, bears E. and W., Thence over broken bench land.

Chains	
40.00	True point for the ¼ sec. cor. falls on sloping face of boulder where it is impracticable to set a corner.
40.20	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and 26 ins. in a mound of stone, for witness cor. to the ¼ sec. cor., with brass cap marked.

¼

S33 | S34

WC

1925

Deposit a sandstone, 16 x 8 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Continue over broken bench land through scattered timber

65.20	Left rim of canyon, bears NW. and SE.
66.30	Bottom of canyon, 180 ft. deep, drains N. 10° W.; thence along E. side of canyon near bottom.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 27, 28, 33, and 34, with brass cap marked.

T40S R15E

S28 | S27

S33 | S34

1925

From which,

A juniper, 14 ins. diam., bears N. 44° E., 124 lks. dist., marked T40S R15E S27 BT.

A juniper, 10 ins. diam., bears S. 74°30' E., 101 lks. dist., marked T40S R15E S34 BT.

No other suitable accessories available.

Land, broken, with a general northwesterly exposure and drainage.

Soil, loose sandstone and sand; 3rd rate.

Timber, scattered juniper and pinon.

Undergrowth, scattered blackbrush, amole, and mountain rush.

Poor grazing.

Chains	
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 7 lks. S. of the corner of secs. 26, 27, 34 and 35.
	Thence,
	S. 89°57' W., on true line between secs. 27 and 34.
	Over broken bench land through scattered undergrowth.
6.00	Top of rim, bears NW. and SE., 50 ft. above cor.; continue overbroken bench land covered with large boulders.
40.00	On surfacerock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S27/S34 1925
	No other suitable accessories available.
68.10	Top of rim, bears NW. and SE.; descend over gradual W. slope.
80.00	The cor. secs. 27, 28, 33 and 34, 140 ft. below top of rim.
	Land, broken, with a general westerly exposure and drainage.
	Soil, shallow, loose, sand, clay, and rock; 3rd rate.
	Undergrowth, scattered blackbrush, amole plant, and mountain rush.
	No timber.
	Poor grazing.

	N. 0°02' W., bet. secs. 27 and 28.
	Along broken E. side of bottom of canyon through scattered undergrowth.
5.00	The mouth of canyon from the E.; thence ascend gradually over broken SW. slope.

Chains	
19.00	Top of right rim of canyon, 100 ft. above cor.; bears NW. and SE.; continue gradual ascent.
20.60	Spur, projects SW., 10 ft. above rim; descend gradual NW. slope.
24.20	Top of left rim of canyon, bears NE. and SW.
26.30	Bottom of canyon, 110 ft. below spur, drains SW.; ascend gradually over broken N. breaks of canyon.
37.30	Top of right rim of canyon, 150 ft. above bottom, bears NE. and SW.
40.00	On surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S28 | S27

1925

No other suitable accessories available.

Thence over broken bench land.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 21, 22, 27 and 28, with brass cap marked.

T40S R15E

S21 | S22

S28 | S27

1925

No other suitable accessories available.

Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

N. 89°57' E., on random line bet. secs. 22 and 27

40.00 Set temp. ¼ sec. cor.

Chains

79.86 Intersect the N. and S. line, 3 lks. S. of the cor. Secs. 22, 23, 26 and 27.

Thence,

S. 89°56' W., on true line bet. secs. 22 and 27.

Over broken bench land through scattered undergrowth.

39.93 On broken bench land.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

S22
¼
S27
1925

Deposit a sandstone, 6 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Continue over broken bench land.

42.10 Small draw, 20 lks. wide, 10 ft. deep, drains SW.

79.86 The cor. secs. 21, 22, 27 and 28.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Over broken bench land through scattered undergrowth.

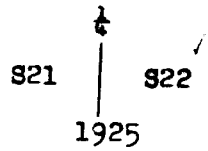
22.10 Draw, 200 lks. wide, 20 ft. deep, drains NW.; canyon heads 5.00 chs. to the SE.

35.50 Small draw, drains NW., heads 4.00 chs. to the SE.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked

Chains

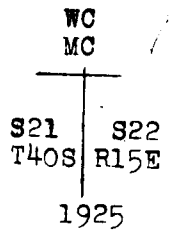


No other suitable accessories available.

43.42 Top of the left rim of the San Juan River, bears NE. and SW.

As the true point for the meander cor. secs. 21 and 22, on the left bank of the San Juan River, falls in ledges where it is impossible to reach the cor. point, therefore at this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the meander cor. secs. 21 and 22, with brass cap marked.

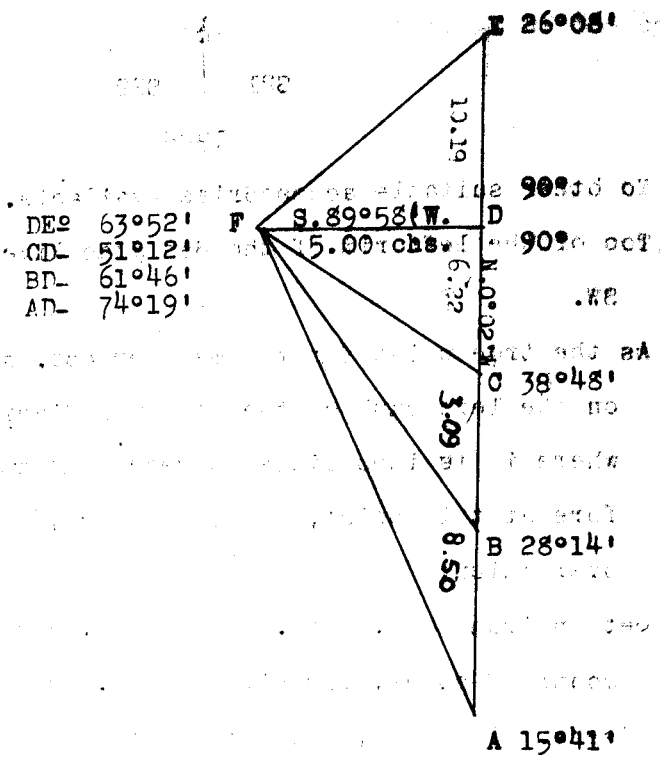


No other suitable accessories available.

Thence by triangulation across the inaccessible breaks of the San Juan River as follows. Erect flag "A" at the witness cor. to the meander cor., and flags "B", "C", "D", and "E" on line to the N. From flag "D", measure base line "DF", S. 89°58' W., 5.00 chs. dist., from which point, flags "AD" subtend an angle of 74°19', flags "BD" subtend an angle of 61°46', flags "CD" subtend an angle of 51°12', and flags "DE" subtend an angle of 63°52'.

No longer base line could be obtained and no other method of triangulation used on account of the broken irregular breaks of the river.

Chains



Distance on line	43.42 chs.
Distance "A" to "B"	8.50 chs.
	51.92 chs.
Distance "B" to "C"	3.09 chs.
	55.01 chs.
Distance "C" to "D"	6.22 chs.
	61.23 chs.
Distance "D" to "E"	10.19 chs.
	71.42 chs.

51.92 The mean high water mark of the left bank of San Juan river at point "B" of triangulation. True point for the meander cor. falls in inaccessible ledges where it is impossible to reach the cor. point; thence across river by triangulation, which at this point is a stream about 3.00 chs. wide and 3 ft. deep, which flows in a southwesterly direction through rugged canyon, 600 ft. deep.

55.01 To point "C" of triangulation at the mean high water mark of the right bank of San Juan River.

True point for this cor. falls in inaccessible ledges where it is impracticable to reach the cor. point.

Continue by triangulation over the inaccessible right breaks of river.

60.59 Distance determined by return measurement from point "D" of triangulation,

Chains

On surfacerock, at top of right rim of San Juan River, bears NE. and SW. 500 ft. above bottom of river, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the meander cor. secs. 21 and 22, with brass cap marked.

T40S	R15E
S21	S22

WC
MC

1927

No other suitable accessories available.

Thence by chaining.

61.25 To point "D" of triangulation at top of S. rim of box canyon, bears NE. and SW.; thence by triangulation across the inaccessible breaks of canyon.

66.00 Approximate distance; bottom of canyon, 60 ft. deep, drains SW.

71.42 To point "E" of triangulation at top of N. rim of canyon, bears NE. and SW.; thence by chaining over broken bench land.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 15, 16, 21 and 22, with brass cap marked.

T40S	R15E
S16	S15
S21	S22

1927

No other suitable accessories available.

Land, broken by ledges, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

Chains	
	N. 89°56' E., on random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 23 lks. N. of the cor. secs. 14, 15, 22 and 23.
	Thence,
	N. 89°54' W., on true line bet. secs. 15 and 22.
	Over broken bench land through scattered undergrowth and timber.
.50	Bend in draw, 30 lks. wide, drains NW. and SW. from the SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S15 / S22

1927

From which,

A pinon, 10 ins. diam., bears N. 69° E., 280 lks. dist., marked ¼ S15 BT.

A pinon, 8 ins. diam., bears S. 58°30' E., 92 lks. dist., marked ¼ S22 BT.

40.20	Small draw, 30 lks. wide, drains SW.
68.50	Sandstone rim, 50 ft. high, bears NE. and SW.
69.50	Draw, 80 ft. deep, drains SW.
80.00	The cor. secs. 21, 22, 27 and 28.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant and blackbrush.

Timber, scattered scrub juniper and pinon.

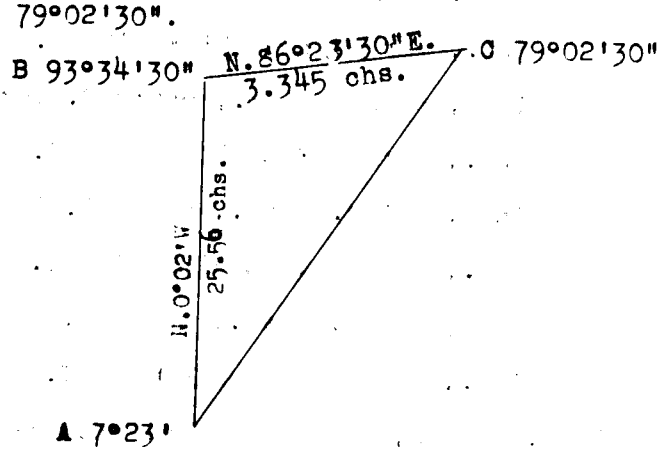
Fair grazing.

Chains

N. 0°02' W., bet. secs. 15 and 16.

Over broken bench land through scattered undergrowth and timber.

6.80 Top of the inaccessible left breaks of box canyon over which I am unable to chain, bears NE. and SW., I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. 86°23'30" E., 3.345 chs. dist., from which point, flags "AB" subtend an angle of 79°02'30".



Distance on line	6.80 chs.
Distance by triangulation	25.56 chs.
	32.36 chs.
Distance by return measurement	22.36 chs.
	10.00 chs.

8.00 Approximate distance; bottom of canyon, 120 ft. deep, drains SW..

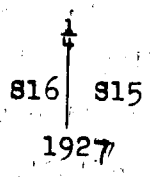
10.00 Top of right rim of canyon, bears NE. and SW.; thence by chaining; ascend gradually over broken bench land.

32.36 To point "B" of triangulation.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

A



From which,

A pinon, 8 ins. diam., bears S. 62° W., 125 lks. dist., marked ¼ S16 BT.

No other suitable accessories available.

Chains

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 9, 10, 15 and 16, with brass cap marked.

T40S	R15E
S9	S10
S16	S15

1927

From which,

A pinon, 6 ins. diam., bears N. 17° E., 140 lks. dist., marked T40S R15E S10 BT.

A pinon, 6 ins diam., bears S. 14°15' E., 141 lks. dist., marked T40S R15E S15 BT.

A pinon, 8 ins. diam., bears S. 22°15' W., 199 lks. dist., marked T40S R15E S16 BT.

A pinon, 8 ins. diam., bears N. 9°30' W., 220 lks. dist., marked T40S R15E S9 BT.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, sage, and black brush.

Timber, scattered juniper andpinon.

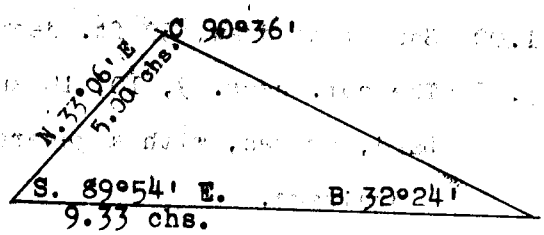
Fair grazing.

S. 89°54' E., on random line bet. secs. 10 and 15.

29.26 Left flag for triangulation.

32.30 The breaks of canyon make chaining to the E. of this point impracticable, I therefore triangulate as follows. Designate the flag at the 29.26 chs. point "A" and erect flag "B" on line to the E. From flag "A", measure base line "AC", N. 33°06' E., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 90°36'.

Chains



Distance on line	29.26 chs.
Distance by triangulation	9.33 chs.
	38.59 chs.
Distance by return measurement	2.29 chs.
	36.30 chs.

38.59 To point "B" of triangulation.

40.00 Set temp. ¼ sec. cor.

79.92 Intersect the N. and S. line, 9 lks. S. of the cor. section 10, 11, 14 and 15.

Thence,

N. 89°58' W., on true line bet. secs. 10 and 15.

Over broken bench land through scattered timber and undergrowth.

33.20 Sandstone draw, 60 ft. deep, drains SW.

39.96 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S10 / S15

1927

From which,

A juniper, 6 ins. diam., bears S. 20°30' E., 132 lks. dist., marked ¼ S15 BT.

A pinon, 6 ins. diam., bears N. 12°30' W., 265 lks. dist., marked ¼ S10 BT.

41.33 To point "B" of triangulation, bears 4½ lks. S.

43.62 Top of inaccessible left rim of canyon, bears NE. and SW. thence by triangulation across breaks of canyon.

46.00 Approximate distance; bottom of canyon, 50 ft. deep, drains SW.

47.62 Top of right rim of canyon, bears NE. and SW.; thence by chaining over broken bench land.

50.66 To point "A" of triangulation, bears 3½ lks. S.

Chains	
71.00	Sandstone draw, 50 ft. deep, drains SW.
79.92	The cor. secs. 9, 10, 15 and 16.
	Land, broken, with a general southwesterly exposure and drainage.
	Soil, shallow, loose, sand, clay, and rock; 3rd rate.
	Undergrowth, scattered shadscale, mountain rush, yellow top, amole plant, and blackbrush.
	Timber, scattered juniper and pinon.
	Fair grazing.
	N. 0°02' W., bet. secs. 9 and 10.
	Over broken bench land through scattered undergrowth and timber.
37.40	Low ridge, 30 ft. high, bears NE. and SW.
40.00	On broken bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S9 | S10
1927

From which,

A pinon, 8 ins. diam., bears N. 8°45' E., 410 lks. dist., marked ¼ S10 BT.

A juniper, 3 ins. diam., bears S. 38°15' W., 245 lks. dist., marked BT.

80.00	On surfacerock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 3, 4, 9 and 10, with brass cap marked.

T40S R15E
S4 | S3
S9 | S10
1927

From which,

A pinon, 6 ins. diam., bears N. 53°45' E., 68 lks. dist., marked T40S R15E S3 BT.

A pinon, 6 ins. diam., bears S. 6°45' E., 321 lks. dist., marked T40S R15E S10 BT.

A pinon, 10 ins. diam., bears N. 65°15' W., 316 lks. dist., marked T40S R15E S4 BT.

No suitable bearing tree to the SW. available.

Land, broken, with a general northwesterly and southeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

79.88 Intersect the N. and S. line, 5 lks. E. of the cor. secs. 2, 3, 10 and 11.

Thence,

N. 89°56' W., on true line bet. secs. 3 and 10.

Over broken bench land through scattered undergrowth and timber.

4.10 Small draw, drains SW.

30.00 Small draw, drains SW.

39.94 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

$$\frac{S3}{S10}$$

1927.

From which,

A pinon, 8 ins. diam., bears S. 7°15' W., 65 lks. dist., marked ¼ S10 BT.

A pinon, 6 ins. diam., bears N. 53°15' W., 74 lks. dist., marked ¼ S3 BT.

Chains

69.20 Top of low ridge, 30 ft. high, bears NE. and SW.

79.88 The cor. secs. 3, 4, 9 and 10.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, rocky, clay, and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

N. 0°16' W., on random line bet. secs. 3 and 4.

[illegible] Set temp. ¼ sec. cor.

[illegible] Intersect the N. bdy. of the township, 7 lks. E. of the cor. secs. 3, 4, 33, and 34, heretofore described.

Thence,

S. 0°19' E., on true line bet. secs. 3 and 4.

Over broken bench land through scattered undergrowth and timber.

[illegible] Small draw, drains SW.

[illegible] On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S4 | S3

1927

From which,

A pinon, 6 ins. diam., bears N. 32° E., 286 lks. dist., marked ¼ S3 BT.

A pinon, 6 ins. diam., bears N. 35° W., 307 lks. dist., marked ¼ S4 BT.

79.80 The cor. secs. 3, 4, 9 and 10.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole

Chains

plant and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

From the standard cor. secs. 32 and 33, on the S. div. of the township, which is an iron post, 7 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 15 E.

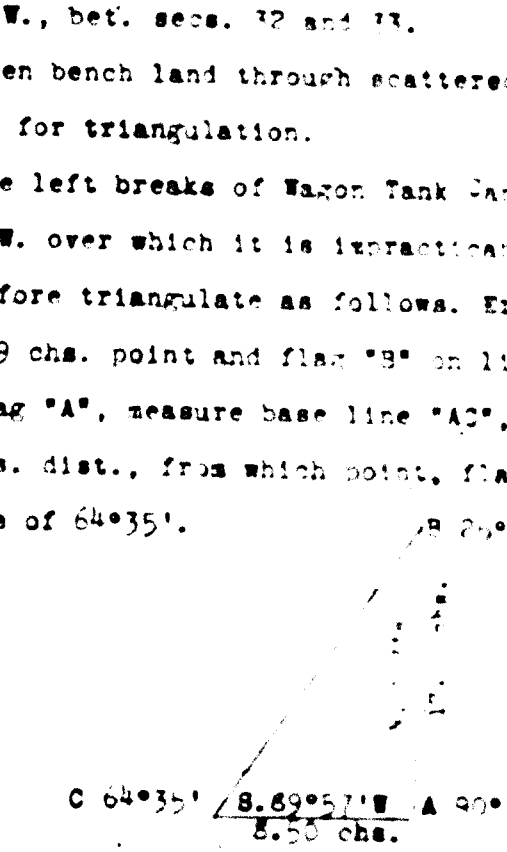
Thence,

N. 0°03' W., bet. secs. 32 and 33.

Over broken bench land through scattered undergrowth.

1.19 Left flag for triangulation.

6.10 Top of the left breaks of Wagon Tank Canyon, bears E. and W. over which it is impracticable to chain. I therefore triangulate as follows. Erect flag "A" at the 1.19 chs. point and flag "B" on line to the W. From flag "A", measure base line "AC", S. 89°57' W., 8.50 chs. dist., from which point, flags "A" and "B" subtend an angle of 64°35'.



Distance on line	1.19 chs.
Distance by triangulation	17.69 chs.
	18.88 chs.

12.00 Approximate distance; small stream of good water, in bottom of Water Tank Canyon, 200 ft. deep, flows W.

19.08 To point "B" of triangulation at top of right rim of canyon, 200 ft. above bottom, bears E. and W.; thence by chaining over broken bench land.

36.00 Wash, 100 lks. wide, 4 ft. deep, drains W.

40.00 At S. edge of sandstone boulder, 100 ft. long, 25 ft. high, bears E. and W.; mark a cross (X), over which:

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked

¼

S32 | S33

1925

No other suitable accessories available.

Continue over broken bench land.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 28, 29, 32 and 33, with brass cap marked.

T40S R15E

S29 | S28

S32 | S33

1925

No other suitable accessories available.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

79.[illegible] Intersect the N. and S. line, 14 lks. S. of the cor. secs. 27, 28, 33 and 34.

Thence,

S. [illegible] W., on true line bet. secs. 28 and 33.

Over broken right breaks of canyon through scattered undergrowth and timber.

2.00 Bottom of canyon, 20 ft. below cor., drains NW.; ascend abruptly over broken left breaks of canyon.

6.20 Top of left breaks of canyon, 70 ft. above bottom, bears

Chains

NW. and SE.; thence over broken bench land.

39.89 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked

$\frac{S28}{\frac{1}{4}\ S33}$

1925

From which,

A juniper, 3 ins. diam., bears N. 69°15' E., 158 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. 74°30' W., 106 lks. dist., marked BT.

Continue over broken bench land.

79.78 The cor. secs. 28, 29, 32 and 33.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

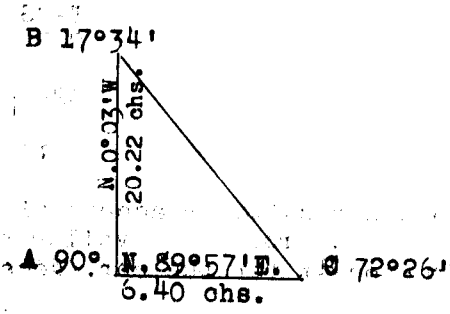
Timber, scattered scrub juniper and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

Over broken bench land through scattered undergrowth.

19.78 The top of left breaks of canyon, bear NW. and SE. over which it is impracticable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC", N. 89°57' E., 6.40 chs. dist., from which point, flags "AB" subtend an angle of 72°26'.



Chains	
	Distance on line 20.22 chs. Distance by triangulation 3.00 chs. Distance by return measurement 37.00 chs.
28.00	Approximate distance; bottom of canyon, 150 ft. deep, drains NW.
37.00	Top of right rim of canyon, 160 ft. above bottom, bears NW. and SE.; thence by chaining over broken bench land.
40.00	To point "B" of triangulation, on surface rock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S29 | S28 1925.
	No other suitable accessories available.
	Continue over broken bench land.
77.28	Top of left breaks of the San Juan River, bears NE. and SW.
	As the true point for the cor. secs. 20, 21, 28 and 29, and the meander cor. secs. 20 and 21, on the left bank of the river, falls in inaccessible ledges where it is impracticable to reach the true corner points, therefore at this point, on surface rock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 20, 21, 28 and 29, and witness cor. to the meander cor. secs. 20 and 21, with brass cap marked.
	WC MC T40S | R15E S20 | S21 S29 | S28 1925
	No other suitable accessories available. No 2 in. iron post available.
80.00	True point for the cor. secs. 20, 21, 28 and 29, falls

Chains

in inaccessible ledges.

Land, broken by ledges with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

N. 89°54' E., on random line bet. secs. 21 and 28.

It being impossible to reach the true point for the cor. secs. 20, 21, 28 and 29, I commence at the witness cor. to said secs. and run on traverse line as follows.

N. 31°45' E., 5.18 chs. dist. to:

4.40 Point on true random line; thence on random line.

40.00 Set temp. ¼ sec. cor.

79.70 Intersect the N. and S. line at the cor. secs. 21, 22, 27 and 28.

Thence,

S. 89°54' W., on true line bet. secs. 21 and 28.

Over broken bench land through scattered undergrowth.

39.85 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

S21
¼
S28

1925

No other suitable accessories available.

75.39 Top of the inaccessible left breaks of San Juan River, bears NE. and SW. over which I am unable to chain, I therefore traverse as follows.

S. 31°45' W., 5.18 chs. to :

79.70 The witness cor. to the cor. secs. 20, 21, 28 and 29, which is S. 0°03' E., 2.72 chs. dist. from the true point for said cor. and which is also the witness cor. to

Chains | Minutes

the meander cor. secs. 20 and 21 on the left bank of the San Juan River, which is S. 0°03' E., 7.50 chs. dist. to true point for said cor.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

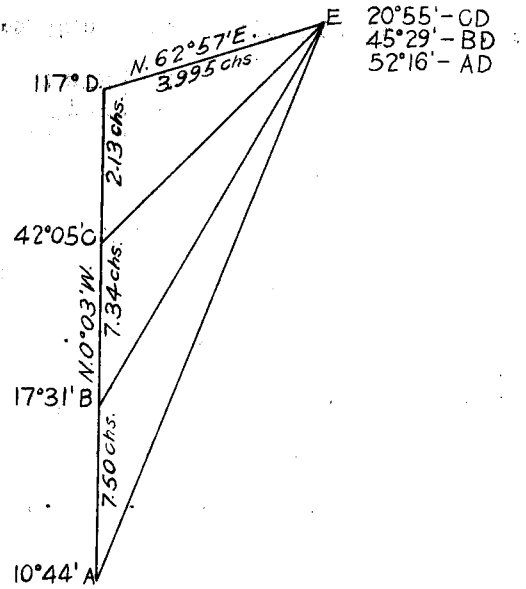
Fair grazing.

N. 0°03' W., bet. secs. 20 and 21.

As it is impossible to reach the true point for the cor. secs. 20, 21, 28 and 29, which falls in the inaccessible S. breaks of the San Juan River, I commence at the witness cor. to said secs. and which is also the witness cor. to the meander cor. secs. 20 and 21, on the left bank of San Juan River, and triangulate to the mean high water mark of the right and left banks of the river and to the top of N. breaks of river as follows.

Line passes over inaccessible ledges and through scattered undergrowth.

Erect flag "A" at the witness cor. which is S. 0°03' E., 2.72 chs. from the true point for the cor. secs. 20, 21, 28, and 29, and flags "B", "C", and "D" on line to the N. From flag "D", measure base line "DE", N. 62°57' E., 3.995 chs. dist., from which point, flags "CD", subtend an angle of 20°55', flags "BD" subtend an angle of 45°29', and flags "AD" subtend an angle of 52°16'.

Chains	
	
	Distance by triangulation "A" to "B" 7.50 chs. Distance from true cor. point to "A" 2.72 chs. Distance from true cor. point to "B" 4.78 chs. Distance from "B" to "C" 7.34 chs. 12.12 chs. Distance from "C" to "D" 2.13 chs. 14.25 chs.
2.72	To true point for the cor. secs. 20, 21, 28 and 29; thence descend over inaccessible ledges by triangulation counting distance from the true point for cor.
4.78	To point "B" of triangulation; and The mean high water mark of the left bank of San Juan River. The true point for the meander cor. falls in inaccessible ledges; thence across river by triangulation, which at this point is a stream, 7.00 chs. wide, 3 ft. deep, which flows in a southwesterly direction through a deep inaccessible canyon, 500 ft. deep.
12.12	To point "C" of triangulation; and The mean high water mark of the right bank of San Juan River. True point for the meander cor. falls in ledges where it is impracticable to set cor. Thence by triangulation over the inaccessible N. breaks of canyon.
14.25	To point "D" of triangulation; thence by chaining.
14.37	Top of the N. rim of San Juan River; 500 ft. above bottom, bears NE. and SW. On surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the meander cor.

Chains	
	secs. 20 and 21, with brass cap marked.

T40S | R15E
S20 | S21

WC
MC

1927

No other suitable accessories available.

Thence over broken surfacerock.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S20 | S21

1927

No other suitable accessories available.

65.50 Low ridge, bears NE. and SW.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

T40S | R15E
S17 | S16

S20 | S21

1927

No other suitable accessories available.

Land, broken, with a general southwesterly exposure and drainage.

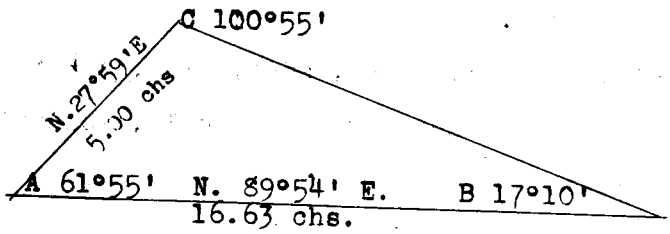
Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

Chains	
	N. 89°54' E., on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
63.09	Left flag for triangulation.
69.70	Breaks of canyon make chaining impracticable to the E. of this point, I therefore triangulate as follows. Erect flag "A" at the 63.09 chs. point and flag "B" on line to the E. From flag "A", measure base line "AC", N. 27°59' E., 5.00 chs. dist., from which point flags "AB" subtend an angle of 100°55'.



Distance on line	63.09 chs.
Distance by triangulation	16.63 chs.
	79.72 chs.
Distance by return measurement	6.00 chs.
	73.72 chs.

73.72	Thence by chaining.
79.72	To point "B" of triangulation on the N. and S. line at at point 19 lks. S. of the cor. secs. 15, 16, 21 and 22.
	Thence,
	S. 89°46' W., on true line bet. secs. 16 and 21.
	Over broken bench land through scattered undergrowth.
6.00	Top of left rim of canyon with inaccessible E. and W. breaks, bears NE. and SW.; thence by triangulation across canyon.
8.00	Approximate distance; bottom of canyon, 110 ft. deep, drains SW.
10.00	Top of right rim of canyon, 110 ft. above bottom, bears NE. and SW.; thence by chaining over broken bench land.
16.63	To point "A" of triangulation, bears S. 15 lks.
39.86	On broken bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains

Deposit a sandstone, 5 x 5 x 4 ins., at base of post marked with a cross (X).

No other suitable accessories available.

Continue over broken bench land.

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

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

Over broken surfacerock through scattered undergrowth.

35.00 Wash, 20 lks. wide, 4 ft. deep, drains SW.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked,

¼

S17 | S16

192

No other suitable accessories available.

56.10 Small draw, drains W.

69.20 Top of small rocky ridge, bears NE. and SW.

80.00 On broken bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 8, 9, 16 and 17, with brass cap marked.

T40S | R15E

S8 | S9

S17 | S16

192

CHAINS

From which,

A lone juniper, 6 ins. diam., bears S. 21°45' E., 167 lks. dist., marked T40S R15E S16 BT.

No other bearing trees available.

Deposit a sandstone, 8 x 6 x 6 ins. at base of post, marked with a cross (X).

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, amole plant, and blackbrush.

No timber.

Fair grazing.

N. 89°46' E., on random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

79.94 Intersect the N. and S. line, 26 lks. N. of the cor. secs. 9, 10, 15 and 16.

Thence,

S. 89°57' W., on true line bet. secs. 9 and 16

Over broken bench land through scattered undergrowth.

2.50 Low ridge, bears NE. and SW.

39.97 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S9 / S16

1927

No other suitable accessories available.

79.94 The cor. secs. 8, 9, 16 and 17.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and black brush.

No timber. Fair grazing.

Chains

N. 0°03' W., bet. secs. 8 and 9.

Over broken bench land through scattered undergrowth, and timber.

19.80 Steer Gulch, 70 lks. wide, 20 ft. deep, drains SW.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked,

¼

S8 | S9

1927

From which,

A juniper, 3 ins. diam., bears N. 31°30' W., 200 lks. dist., marked BT.

A pinon, 8 ins. diam., bears S. 66°45' E., 406 lks. dist., marked ¼ S9 BT.

Thence ascend gradually over broken ledges.

58.30 Top of ledge, 170 ft. above the ¼ sec. cor., bears NE. and SW.; thence over broken bench land.

80.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 4, 5, 8 and 9, with brass cap marked.

T40S R15E

S5 | S4

S8 | S9

1927

No other suitable accessories available.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

Chains	
	N. 89°57' E., on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, at the cor. secs. 3, 4, 9 and 10.
	Thence,
	S. 89°57' W., on true line bet. secs. 4 and 9.
	Over broken bench land through scattered undergrowth and timber.
40.01	On surface rock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S4/S9 1927
	From which,
	A pinon, 6 ins. diam., bears S. 3°45' E., 327 lks. dist., marked ¼ S9 BT.
	A juniper, 3 ins. diam., bears N. 9° W., 49 lks. dist., marked BT.
41.00	Bottom of Steer Gulch, 100 lks. wide, 50 ft. deep, drains SW. Scattered cotton-wood trees along bottom of gulch.
67.00	Top of low ridge, bears NE. and SW.
80.02	The cor. secs. 4, 5, 8 and 9.
	Land, broken, with a general southwesterly exposure and drainage.
	Soil, shallow, loose, sand, clay, and rock; 3rd rate.
	Undergrowth, scattered shadscale, mountain rush, amole plant and blackbrush.
	Timber, scattered juniper and pinon. Scattered cotton-wood along bottom of Steer Gulch.
	Fair grazing.

Chains

N. 0°20' W., on random line bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.

79.70 Intersect the N. bdy. of the township, 21 lks. W. of the true point for the cor. secs. 4, 5, 32 and 33, which is N. 89°52' E., 60 lks. dist. from the witness cor. to said secs. as heretofore described.

Thence,

From the truepoint for the cor. secs. 4, 5, 32 and 33.

S. 0°11' E., on true line bet. secs. 4 and 5.

Over broken bench land through scattered undergrowth and timber.

From the cor. point, line follows along bottom of draw draining S.

7.10 Leave bottom of draw, drains SW.; thence over bench land.

17.20 Small draw, drains SW.

39.60 Small draw, drains W.

39.70 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked

¼

S5 | S4

1927

From which,

A juniper, 8 ins. diam., bears S. 76°30' E., 137 lks. dist., marked ¼ S4 BT.

A juniper, 3 ins. diam., bears N. 0°11' W., 245 lks. dist., marked BT.

66.30 Low ridge, bears NE. and SW.

79.70 The cor. secs. 4, 5, 8 and 9.

Land, broken, with a general southwesterly exposure and drainage.

Soil, deep and shallow, clay, sand, and rock; 3rd rate.

Undergrowth, scattered shadscale and mountain rush.

Timber, scattered juniper and pinon.

Fair grazing.

Chains	
	From the standard cor. secs. 31 and 32, on the S. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 15 E.
	N. 0°03' W., bet. secs. 31 and 32.
	Over broken bench land through scattered undergrowth.
40.00	On surfacerock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S31 | S32

1925

No other suitable accessories available.

80.00	On surfacerock, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 29, 30, 31 and 32, with brass cap marked.

T40S R15E

S30 | S29

S31 | S32

1925

No other suitable accessories available.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant and blackbrush.

No timber.

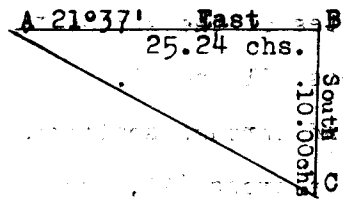
Fair grazing.

East, on random line bet. secs. 29 and 32.

The broken breaks of Moonlight Canyon make chaining to the E. of the cor. secs. 29, 30, 31 and 32, impracticable, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 29, 30, 31 and 32, and flag "B" on line

Chains

E. From flag "B", measure base-line "BC", South, 10.00 chs. dist., from which point, flags "AB" subtend an angle of 68°23'.



Distance by triangulation 25.24 chs.

25.24 To point "B" of triangulation; thence by chaining.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 28, 29, 32 and 33.

Thence,

S. 89°57' W., on true line bet. secs. 29 and 32.

Over broken bench land through scattered undergrowth.

39.90 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S29 / S32

1925

No other suitable accessories available.

54.56 Top of the inaccessible right rim of Moonlight Canyon, bears N. and S.; thence by triangulation across the inaccessible breaks of canyon.

59.00 Approximate distance; bottom of Moonlight Canyon, 250 ft. deep, drains NW.

68.00 Top of left rim of canyon, 250 ft. above bottom, bears NW. and SE.; thence over broken ledges.

79.80 To point "A" of triangulation at the cor. secs. 29, 30, 31 and 32.

Land, broken by ledges, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

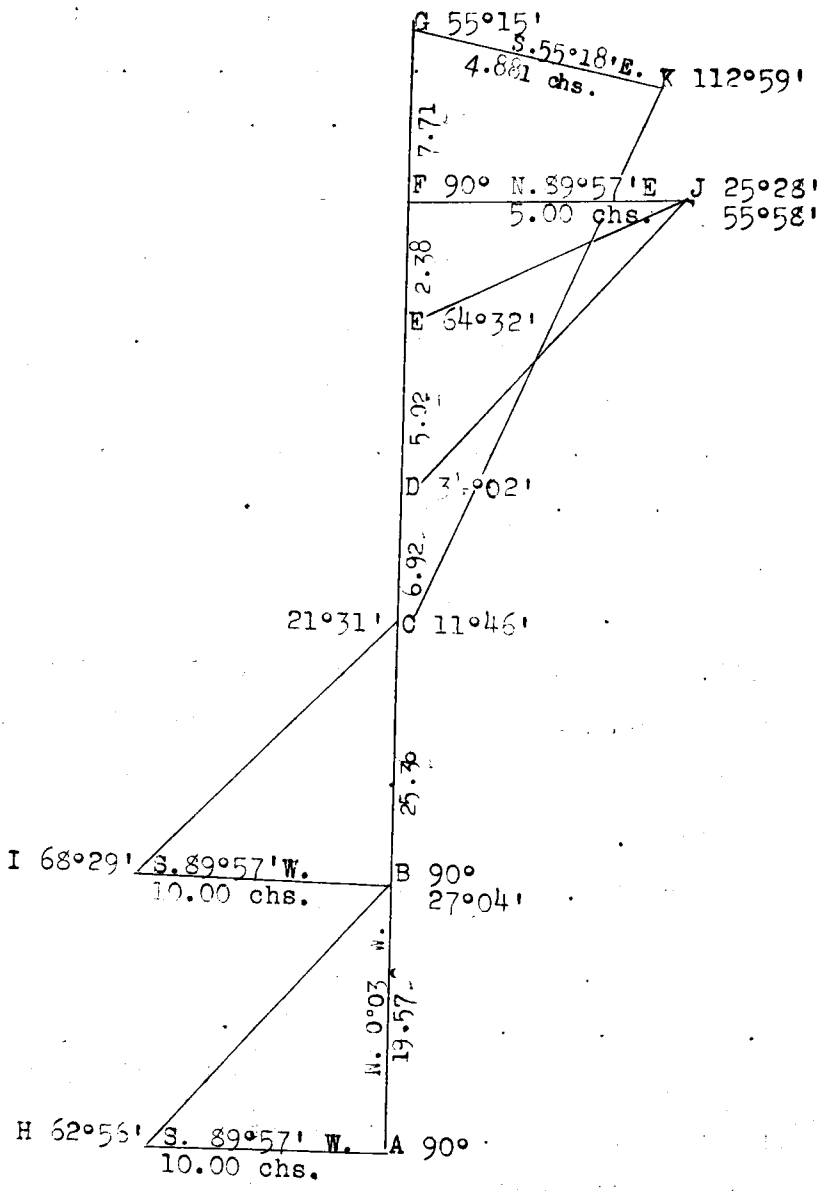
Undergrowth, scattered shadscale and mountain rush.

No timber. Fair grazing.

Chains	
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the W. bdy. of the township, 14 lks. N. of the cor. secs. 25, 30, 31 and 36, heretofore described.
	Thence,
	N. 89°54' E., on true line bet. secs. 30 and 31.
	Over broken bench land through scattered undergrowth.
30.00	Small draw, drains NE.
40.00	On top of left rim of draw, bears NE. and SW., mark a cross (X), on the surfacerock, over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S30/S31 1925
	No other suitable accessories available.
40.50	Small draw, drains NE.
71.40	Wash, 30 lks. wide, 4 ft. deep, drains NE.
80.00	The cor. secs. 29, 30, 31 and 32,
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow, loose, sand, clay, and rock; 3rd rate.
	Undergrowth, scattered shadscale, mountain rush, amole plant, and blackbrush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 29 and 30.
	Over broken bench land through scattered undergrowth.
12.27	To left rim of Moonlight Canyon, bears NW. and SE. The line to the N. of this point, passes over the inaccessible right and left breaks of Moonlight Canyon and the San Juan River, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the 12.27 chs. point, and flags "B", "C", "D", "E", "F", and "G" on line to the N. From "A", measure

Chains

base line "AH", S. 89°57' W., 10.00 chs. dist. From "B", measure base line "BI" S. 89°57' W., 10.00 chs. dist. From "F", measure base line "FJ", N. 89°57' E., 5.00 chs. dist. From "G", measure base line "GK", S.55°18'E., 4.881 chs. dist. From "H", "AB" subtends an angle of 62°56'. From "I", "BC" subtends an angle of 68°29'. From "J", "DF" subtends an angle of 55°58'. From "K", "CG" subtends an angle of 112°59'.



Chains

Distance on line	
Distance "A" to "B"	12.27 chs.
	19.57 chs.
	31.84 chs.
Distance "B" to "C"	25.36 chs.
	57.20 chs.
Distance "C" to "D"	6.92 chs.
	64.12 chs.
Distance "D" to "E"	5.02 chs.
	69.14 chs.
Distance "E" to "F"	2.38 chs.
	71.52 chs.
Distance "F" to "G"	7.71 chs.
	79.23 chs.

20.00 Approximate distance; mouth of canyon from the SW.

31.84 To point "B" of triangulation on top of rocky point on left breaks of Moonlight Canyon, projects E., 3.00 chs. dist.

At this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the ¼ sec. cor., with brass cap marked.

WC
¼
S30 | S29
1929

No other suitable accessories available.

Continue by triangulation across breaks of Moonlight Canyon,

36.00 Approximate distance; bottom of Moonlight Canyon, 300 ft. deep, drains NW.

40.00 True point for the ¼ sec. cor. falls in inaccessible breaks of canyon, where it is impracticable to reach the cor. point.

54.20 Approximate distance; top of right rim of Moonlight Canyon, 300 ft. above bottom, bears NW. and SE.; thence over broken sandstone point which projects NW.

57.20 Top of the left rim of San Juan River at point "C" of triangulation, bears E. and W.

At this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

Chains

mound of stone, for witness cor. to the meander cor. secs. 29 and 30, on left bank of San Juan River, with brass cap marked.

WC
MC

S30	S29
T40S	R15E

1925

No other suitable accessories available.

Thence by triangulation of inaccessible left breaks of river.

64.12 To point "D" of triangulation at the mean high water mark of the left bank of San Juan River, bears E. and W. True point for the meander cor. falls in ledges where it is impracticable to set cor.

Thence by triangulation across river which at this point is a stream about 4.50 chs. wide, 3 ft. deep, and flows in a westerly direction through a deep canyon, 400 ft. deep.

69.14 To point "E" of triangulation at the mean high water mark of the right bank of San Juan River, bears E. and W. True point for the meander cor. falls in ledges where it is impracticable to set cor.

Thence by triangulation up the inaccessible right breaks of river.

71.52 To point "F" of triangulation at top of right breaks of San Juan River, 400 ft. above bottom, bears E. and W.

At this point, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the meander cor. secs. 29 and 30, on right bank of San Juan River, with brass cap marked.

T40S	R15E
S30	S29

WC
MC

1927

Chains

No other suitable accessories available.

Thence by chaining over broken bench land.

79.23 To point "O" of triangulation.

80.00 True point for the cor. secs. 19, 20, 29 and 30, falls on sloping surfacerock where it is impracticable to set a permanent cor., therefore at a point, S. 89°54' W., 12 lks. dist. from the true cor. point, and on true line bet. secs. 19 and 30.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 19, 20, 29 and 30, with brass cap marked.

T40S S19	R15E S20
S30	S29

WC

1927

From which,

A point on ledge, marked X BO, bears N. 6° E., 7 lks. dist.,

No other suitable accessories available.

Cor. set at base of ledge, 24 ft. high, bears NW. and SW.

Land, broken by ledges, with a general northerly and southerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, amole plant and blackbrush.

No timber.

Fair grazing.

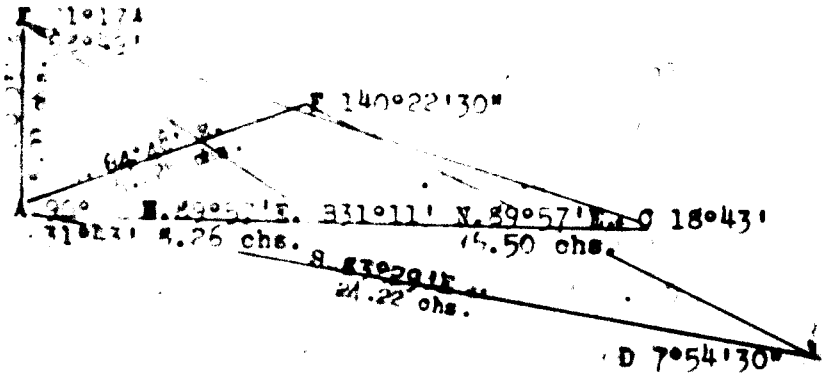
N. 89°57' E., on random line bet. secs. 20 and 29.
From the true cor. point for the cor. secs. 19, 20, 29 & 30.

40.00 Set temp. ¼ sec. cor.

55.69 Set temp. witness cor. to the meander cor. secs. 20 and 29.

55.84 The breaks of the San Juan River makes chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at the 55.84 chs. point,

Designate a point at the mean high water mark of the right bank of river "B" and a point at the mean high water mark of the left bank of river "C". Designate a point 5 lks. S. of the witness cor. to the cor. secs. 20, 21, 28 and 29, which is also the witness cor. to the meander cor. secs. 20 and 21, which is S. 0°03' E., 2.72 chs. dist. from the true point for said sec. cor., "D". From "A", measure base line "AE", N. 0°03' W., 5.00 chs. dist., from which point, "AB" subtends an angle of 58°49', and "AC" subtends an angle of 71°17'. From flag "A", measure base line "AF", N. 64°48' E., 5.225 chs. dist., from which point, "AD" subtends an angle of 140°22'30". From "A", "D" bears S. 83°29' E.



Distance by triangulation "A" to "D" 24.22 chs.
or northing of 2.72 chs. and easting of 24.06 chs.
Distance on line 55.84 chs.
79.90 chs.

79.90 To point "C" of triangulation, at a point 5 lks. S. of the witness cor. to the cor. secs. 20, 21, 28 and 29.

The course of this line therefore is, S. 89°57' W., and the distance is 79.90 chs.

Thence, as it is impossible to reach the true point for cor. secs. 20, 21, 28 and 29, I commence at the witness cor. to said secs. and proceed by triangulation over the inaccessible breaks of San Juan River, through scattered undergrowth, giving distances to topography on true line.

9.30 To point "C" of triangulation at the mean high water mark of the left bank of San Juan River. Point for

the meander cor. falls in ledges where it is impractic-able to reach the cor. point.

Thence across river by triangulation which at this point is a stream, 6.00 chs. wide, and 2½ ft. deep, which flows through a deep inaccessible canyon in south-westerly direction.

15.80 To point "B" of triangulation at the mean high water mark of the right bank of San Juan River. Point for the meander cor. falls in ledges where it is impractic-able to reach the cor. point.

Continue by triangulation over the inaccessible right breaks of river.

24.06 To point "A" of triangulation; thence by chaining.

24.21 Top of right rim of San Juan River Canyon bears NE. and SW., 400 ft. above river bottom.

At this point on surfacerock, mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the meander cor. secs. 20 and 29 on the right bank of river and also the witness cor. to the meander cor. secs. 20 and 29 on the left bank of river, with brass cap marked.

T40S
S20
S29
R15E

WC MC

1927

No other accessories available.

Thence over broken bench land.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S20
S29

1927

From which,

A juniper, 3 ins. diam., bears N. 32° W., 181 lks.

Chains

dist., marked BT.

No other suitable accessories available.

79.60 Sandstone rim, 20 ft. high, bears NW. and SE.

79.90 The true point for the cor. of secs. 19, 20, 29 & 30.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, amole plant and blackbrush.

Timber, a few scattered scrub juniper.

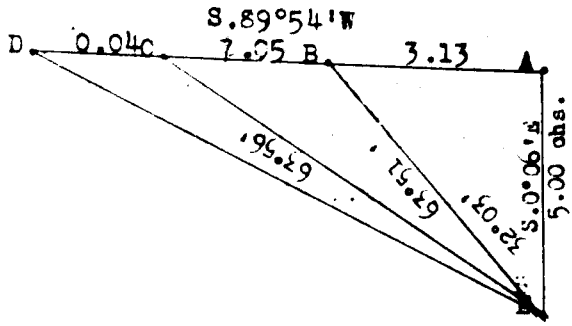
Fair grazing.

S.89°54'W., on random line between secs. 19 and 30.

Witness cor. to the cor. of secs. 19, 20, 29 & 30.

9.45 Set temp. witness cor. to the meander cor. secs. 19 and 30.

The breaks of the San Juan River makes chaining to the W. of this point impracticable, I therefore triangulate as follows. I erect flag "A" at the 9.45 chs. point, designate a point at the mean high water point on the right bank of the river as "B", and a point on the left bank of the river as "C", and a point on the left rim of the San Juan River canyon as "D". Measure base line S.0°06'E., 5.00 chs. distant and erect flag "E". from which point, "AB" subtends an angle of 32°03', and "AC" subtends angle of 63°51', and "AD" subtends angle of 63°56'.,



Distance on line----------9.45 chs.
Distance on line A to B----------3.13 "
Total distance on line to point B----------12.58 "

Subdivision of T. 40 S., R. 15 E.

Chains	
	Total distance on line to point B ----------12.58 chs. Distance on line B to C ---------- 7.05 " Total distance on line to point C----------19.63 " Distance on line C to D---------- 0.04 " Total distance on line to point D----------19.67 "
12.58	Point B of triangulation, the mean high water mark on the right bank of San Juan River.
19.63	Point C of triangulation, the mean high water mark on the left bank of the San Juan River.
19.67	Point D of triangulation, set temp. witness corner to the meander corner secs. 19 and 30.
40.00	Set temp. ¼ sec. corner.
79.95	Intersect the cor. of secs. 19, 24, 25 and 30, on W. Bdy.
	Thence,
	N.89°54'E., on true line between secs.19 and 30.
	Over rough broken bench land, thru scattering undergrowth.
1.00	Top of ledge, bears N. and S. 22 ft. above sec. cor.
5.90	Wash, 30 lks. wide, drains NE.
16.30	Top of ridge, 75 ft. above draw, bears N. and S.
39.95	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 in. in mound of stone, for the ¼ sec. cor., with brass cap marked
	S 19 ¼ S 30 1925
	No other accessories available.
	Thence over broken bench land.
60.28	On the left rim of the San Juan River Canyon, brs. NW. and SE.
	The mean high water mark on the left bank is inaccessible, therefore at this point
	Set an iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the witness cor. to the meander cor. secs. 19 and 30, with brass cap marked.

Subdivisions of T. 40 S. R. 15 E.

Chains

T 40 S
S 19
WC MC
S 30
R 15 E
1925

No other accessories available.

60.32 Mean high water mark on the left bank of the San Juan River flowing in a NW. direction. No corner set.

67.37 Mean high water mark on the right bank of the San Juan River flowing in a NW. direction. This point is inaccessible so no cor. was set.

70.50 The right rim of the San Juan River Canyon, brs. NW. and SE. At this point

Set an iron post, 3 ft. long, 1 in. in diam., over cross (X)cut in solid rock, surrounded to top in mound of stone for the witness cor. to the meander cor. secs. 19 and 30, with brass cap marked

T 40 S
S 19
MC WC
S 30.
R 15 E
1927

No other accessories available.

Thence over broken bench land.

79.83 Witness corner for the cor. of secs. 19, 20, 29 & 30.

79.95 The true point for the corner of secs. 19, 20, 29 & 30.

Land, broken bench, with general NW. drainage and exposure.

Soil, shallow loose clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, and blackbrush.

Timber, a few scattering scrub juniper.

Fair grazing.

N.0°03'W., between secs. 19 and 20.

From the true point for the cor. of secs. 19, 20, 29 & 30.

Over rough broken bench land, thru medium growth of undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross(X)

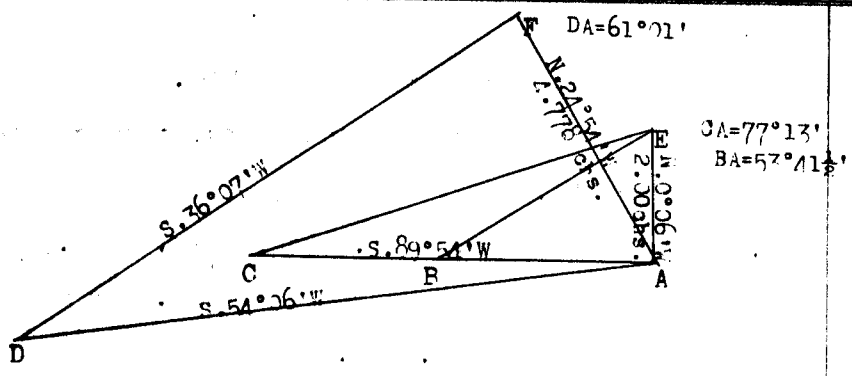
Chains	
	cut in solid surface rock; 30 ins. in mound of stone, for the ¼ sec. cor., 19 and 20, with brass cap marked
	¼ S 19 | S 20 1927
	No other accessories available.
	Continue over rough broken bench land.
41.80	Small draw, drains SW.
80.00	Set iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in mound of stone, for the corner of secs. 17, 18, 19 and 20, with brass cap marked
	T40S R15E S18 | S17 S19 | S20 1927
	No other accessories available.
	Land, rough and broken, with general drainage and exposure SW.
	Soil, loose sand, surface rock; 3rd. rate.
	Undergrowth, scattered blackbrush, amole plant, shadscale and yellow top.
	Timber, scattering juniper.
	Fair grazing.

	N.89°57'E., on random line between secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.95	Intersect N. and S. line, 7 lks. S. of the corner of secs. 16, 17, 20 and 21.
	Thence,
	S.89°54'W., on true line, bet. secs. 17 and 20.
	Over rough broken bench land, thru scattering undergrowth.
39.975	Set iron post, 3 ft. long, 1 in. diam., over cross (x) on solid rock, 30 ins. in mound of stone, for the ¼

Subdivision of T. 40 S. R. 15 E.

Chains	
	sec. cor. for secs. 17 and 20, with brass cap marked
	S 17 / ¼ / S 20 / 1927
	No other accessories available.
48.90	Small draw, drains SW.
79.95	The corner of secs. 17, 18, 19 and 20.
	Land, rough broken bench, general exposure and drainage SW.
	Soil, loose sand, surface rock; 3rd. rate.
	Undergrowth, shadscale, amole plant, yellow top and blackbrush.
	Timber, none.
	Fair grazing.
	S.89°54'W., on random line between secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
68.78	Set temp. witness cor. to the meander cor. secs. 18 and 19.
	The breaks of the San Juan River makes chaining to the west of this point impracticable, the right and left banks of the San Juan River are inaccessible, therefore I triangulate asfollows. Erect flag "A" at the 68.78 chs. point. Designate a point at the mean high water mark on the right bank of the river as "B" and a point on the mean high water mark on the left bank of the river as "C". Designate the witness corner to the sec. cor. of secs. 13, 18, 19 and 24, which is witnessed 7.92 chs. south of the true point, for said sec. cor., "D". From "A" measure base line N.0°06'W., 2 chs. dist. and erect flag "E", from which point "AB" subtends angle of 53°43½', "AC" subtends angle of 77°14'. From flag "A" measure base line N.24°54'W., 4.778 chs. dist. and erect flag F, from this point, "AD" subtends angle of 61°01'. Line "AD" bears S.54°06'W

Chains



Distance on line----------	68.78 chs.
Distance by triangulation to "B"---- ----------	2.72 "
Distance on line to mean high water mark, right bank	71.50 "
Distance by triangulation B to C----------	6.10 "
Distance on line to mean high water, left bank	77.60 "
Distance by triangulation A to D. 13.54 chs. or southing of 7.94 chs. and westing of----	10.37 "
Distance on line----------	68.78 "
	79.75 "

79.75 To point D of triangulation, or the witness corner to the cor. of secs. 13, 18, 19 and 24, on W. Bdy. Tp.

Thence, N.89°54'E., on true line, counting distances from the true point for the cor. of secs. 13, 18, 19 & 24.

Over inaccessible breaks of the San Juan River Canyon, through scattering undergrowth.

2.15 To point C. of triangulation, the mean high water mark on the left bank of the San Juan River. This point is inaccessible therefore no corner is set.

8.25 Point "B" of triangulation, mean high water mark.

10.37 To point A of triangulation. Right bank of the San Juan River Canyon, bears N.25°W., and S.25°E.

Set iron post, 3 ft. long, 1 in. diam., over cross cut in solid surface rock, 30 ins. in mound of stone, for the witness corner to the meander corners for secs. 18 and 19, on the right and left banks of the San Juan River, with brass cap marked

WC MC | T 40 S
S 18
S 19
R 15 E
1927

Subdivisions of T.40 S., R. 15 E.

Chains	
	No other accessories available.
	Thence over broken bench land, through scattering undergrowth.
39.75	Set iron post, 3 ft. long, 1 in. diam., over cross(X)cut in solid surface rock, 30 ins. in mound of stone for the ¼ sec. cor., with brass cap marked
	¼ S 18 / S 19 1927
	No other accessories available.
	Gradual ascent over NW. slope.
59.40	Top of ledge, 40 ft. high, bears N. and S.
79.75	The corner of secs. 17, 18, 19 and 20.
	Land, broken, general drainage and exposure NW.
	Soil, loose sand and surface rock; 3rd rate.
	Undergrowth, shadscale, amole plant, yellow top and blackbrush.
	Timber , none.
	Poor grazing.

	N.0°03'W., between secs. 17 and 18.
	Over rough and broken bench land, through medium growth of undergrowth and scattering timber.
22.20	Left rim of Steer Gulch, bears NE. and SW.
28.20	Bottom of Steer Gulch, wash in bottom, 50 lks. wide, 140 ft. below rim, drains SW. A few scattering cottonwoods along bottom of wash.
31.60	Right rim of Steer Gulch, 80 ft. above bottom, bears NE. and SW.
39.70	Top of low spur, projects east.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the ¼ sec. cor., with brass cap marked

Subdivision T.40 S., R. 15 E.

Chains	
	S 18 | S 17 1927
	No other accessories available.
40.40	Right rim of Steer Gulch, bears SE and NW about 3 chs.
49.60	Right rim of Steer Gulch, bears NE and SW.
49.80	Top of low ridge, 20 ft. above rim, bears NE. and SW.
56.10	Left rim of rocky draw, bears NE. and SW.
58.30	Bottom of draw, 60 ft. below ridge, drains SW.
66.00	Top of ascent, 110 ft. feet above bottom of draw, bears NE. and SW.
80.00	Set iron post, 3 ft. long, 2 ins. diam., 6 ins. in ground to solid rock, 24 ins. in mound of stone, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked
	T40S | R15E S 7 | S 8 S18 | S17 1927
	deposit sandstone, 6 ins. by 5 ins. by 4 ins. marked with cross (X) at base of post.
	Land, rough and broken, general drainage and exposure SW.
	Soil, loose, sandy with bedrock; 3rd. rate.
	Undergrowth, shadscale, amole plant, yellow top and blackbrush.
	Timber, scattering scrub juniper and pinon. A few cottonwoods along bottom of gulch.
	Fair grazing.
	N.89°54'E., on random line, between secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 8, 9, 16 and 17.
	S.89°52'W., on true line, between secs. 8, and 17.
	Over rough broken bench land, thru medium undergrowth

Chains	
	and very scattering timber.
25.00	Left rim of Steer Gulch, bears NE and SW.
26.70	Bottom of Steer Gulch, 140 ft. below rim, drains SW.
31.50	Right rim of Steer Gulch, 120 ft. above bottom, bears NE and SW.
40.00	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 8 / S 17 1927 No other accessories available.
67.40	Top of rim, bears N. and S.
75.50	Bottom of draw, 70 ft. below rim, drains S.
79.00	Top of rim, 20 ft. high, 75 ft. above bottom, bears N and S.
80.00	The cor. of secs. 7, 8, 17 and 18.
	Land, rough and broken, general drainage and exposure SW.
	Soil, loose sand and surface rock: 3rd rate.
	Undergrowth, shadscale, yellow top, amole plant and blackbrush.
	Timber, very scattering juniper and pinon.
	Fair grazing.

	S.89°54'W., on random line between secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
79.60	Intersect W. Bdy. of Tp., 14 lks. N. of the cor. of secs. 7, 12, 13 and 18.
	Thence,
	N.89°48'E., on true line, between secs. 7 and 18.
	Over rough broken bench land, thru medium growth of undergrowth and scattering scrub timber.
6.80	Small draw, drains South.

Chains	
39.60	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and 10 ins. in mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 7 / S 18 1927 and deposit a sandstone, 6x 5 x 3 ins., marked with a cross (X) at base of the post.
	No other accessories available.
65.00	Top of low ridge, bears NE. and SW.
79.60	The corner of secs. 7, 8, 17 and 18.
	Land, rough and broken bench, general drainage and exposure SW.
	Soil, loose sand and surface rock; 3rd rate.
	Undergrowth, shadscale, sagebrush, yellow top and blackbrush.
	Timber, very scattering scrub juniper and pinon.
	Fair grazing.
	N. 0°03'W., on true line between secs. 7 and 8.
	Over broken bench land, thru scattering undergrowth.
19.70	Right rim of Gulch, in cove, rim 20 ft. high, bears NE. and SE.
36.36	Point of solid sandstone spur, 30 ft. high, 2 chs. east of line, projects from NE.
40.00	Set iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in mound of stone, for the ¼ sec. cor., with brass cap marked S 7 | ¼ | S 8 1927
	No other accessories available.
	Continue over broken bench land.
42.20	Smal draw, drains SW.

Chains	
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the corner of secs. 5, 6, 7 and 8 with brass cap marked

T40S R15E
S 6 | S 5
S 7 | S 8
1927

No other accessories available.

Land, rough and broken bench, general drainage and exposure SW.

Soil, loose sandy loam and surface rock; 3rd rate.

Timber , none.

Undergrowth, amole plant, yellow top and blackbrush.

Fair grazing.

N.89°52'E., on random line between secs. 5 and 8.

40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.

S. 89°49'W., on true line between secs. 5 and 8.

Over broken bench land, through medium undergrowth.

39.95	Set iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the ¼ sec. cor., with brass cap marked

S 5
¼
S 8
1927

No other accessories available.

50.10	Bottom of draw, drains SW., 80 ft. below ¼ sec. cor.
52.00	Right rim of gulch, 70 ft. high, bears NW. and SE.
70.70	Top of ridge, bears NE. and SW.
79.90	Intersect the corner of secs. 5, 6, 7 and 8.

Chains	
	Land, rough and broken bench, general drainage and exposure SW.
	Soil, loose sand and surface rock; 3rd rate.
	Undergrowth, amole plant, shadscale and blackbrush.
	Timber, none.
	Fair grazing.
	S.89°49'W., on random line between secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
79.50	Intersect the W. boundary of township, 2 lks. S. of the corner for secs. 1, 6, 7, and 12.
	N.89°49'E., on true line, between secs. 6 and 7.
	Over rough and broken bench land, through scattering undergrowth.
39.50	Set an iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in a mound of stone, for the ¼ sec. cor., with brass cap marked

¼ S 6 / S 7 1927

	No other accessories available.
75.70	Small draw, drains SW.
79.50	The cor. of secs. 5, 6, 7 and 8.
	Land, rough and broken bench, general drainage and exposure SW.
	Soil, loose sand and surface rock; 3rd rate.
	Undergrowth, shadscale, blackbrush, amole plant and yellow top.
	Timber, none.
	Fair grazing.

Chains	
	N.0°11'W., on random line between secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
79.89	Intersect the N. Bdy. of Tp., 21 lks. E. of the cor. for secs. 5, 6, 31 and 32.
	Thence,
	S.0°20'E., on true line between secs. 5 and 6.
	Over rough and broken bench land, through medium growth of undergrowth.
39.89	Set an iron post, 3 ft. long, 1 in. in diam., over cross (X) cut in solid surface rock, 30 ins. in a large mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 6 | S 5 1927
	No other accessories available.
	Continue over broken bench land.
79.89	The cor. of secs. 5, 6, 7 and 8.
	Land, rough and broken bench, general drainage and exposure SW.
	Soil, loose sand and surface rock; 3rd rate.
	Undergrowth, blackbrush, yellow top, ample plant and shadscale.
	Timber, none.
	Fair grazing.

Meanders T. 40 S., R. 15 E.

Because of ledges it is impracticable to run the meander lines along the San Juan River in T.40S., R.15 E., in their true positions. I therefore run offset traverse lines along the river and from points on these lines estimate the position of points on the true meander lines and record bearing to said points. True meander line courses and distances were determined by calculation from bearings from traverse lines.

Meanders through sec. 12, right and left banks of the San Juan River, down stream.

Because of impassable ledges it is impossible to run the true meander line along the right and left banks of the San Juan River through sec. 12, I therefore run on traverse line in sec. 13, and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner right bank of the San Juan River, between secs. 12 and 13.

S.35°15'E., 5.00 chs.

S.60°45'E., 11.35 chs.	At end of this course point A right bank bears N.62°55'E.; point B right bank bears N.63° 35'E.; point 1 left bank bears N.65°50'E.; point 2 left bank bears N.68°08'E.
S.8°30'E., 2.73 chs.	At end of this course point A right bank bears N.[illegible]°[illegible]'E.; point B right bank bears N.59°08'E.; point 1 on left bank bears N.62°56'E.; point 2 left bank bears N.63°43'E.

The true meander line, sec. 12, therefore along the right bank is as follows:

From the true point for the meander corner, at north 15.40 chs. between secs. 7 and 12 on east boundary, determined and described in the finished field notes of T. 40 S., R. 16 E., Gr. 150 Utah.

Along the rough and rocky shore line, through medium undergrowth.

S.77°28'W., 11.34 chs.	To point A.
S.61°41'W., 17.39 chs.	To point B.
S.48°01'W., 7.12 chs.	Intersect the true point for the meander corner right bank between secs. 12 and 13.

Land, rough and broken slopes of canyon.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, amole plant, blackbrush and mountain rush.

The true meander line, sec. 12, along the left bank is as follows;

From the true point for the meander corner, at north 12.35 chs., between secs. 7 and 12, east boundary, determined and described in the finished field notes of T. 40 S., R. 16 E., Gr. 150 Utah.

Along rough and rocky shore line, through medium undergrowth.

S.82°17'W., 8.93 chs. To point 1.

S.61°23'W., 17.47 chs. To point 2.

S.51°06'W., 4.52 chs. Intersect the true point for the meander corner. left bank between secs. 12 and 13.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, amole plant, blackbrush and mountain rush.

Meander through sec. 13, right and left banks of the San Juan River, downstream.

Because of impassable ledges it is impossible to run the true meander line along the right and left banks of the San Juan River through sec. 13. I therefore run on traverse line and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner on the right bank of the San Juan River, between secs. 12 and 13.

S.35°15'E., 5.00 chs.

S.80°45'E., 11.35 chs. At end of this course point A right bank bears N.82°38'E.; point 1 on left bank bears S.87°44'E.

S.8°30'E., 2.73 chs. At end of this course point A on right bank bears N.75°38'E.; point 1 on left bank bears N.83°43'E.

S.20°15'W., 5.18 chs. At end of this course point B on right bank bears S.5°55'W.; point C on right bank bears S.12°15'W.; point 2 on left

	bank bears S.0°25'E.; point 3 on left bank bears S.8°30'W.; Thence measure line S.66°26'W., 3.00 chs. to a point, from which point B on right bank bears S.1°15'E.; point C on right bank bears S.8°35'W.; point 2 on left bank bears S. 7°40'E., point 3 on left bank bears S.4°47'W.
S.27°12'W., 50.59 chs.	Intersect the witness corner to the meander corner on right bank between secs. 13 and 14, from which, point D on right bank and point 4 on left bank bears S.45°55'E. Thence measure line S.44°05'W., 3.378 chs. to a point, from which, point D on right bank bears S. 65°58'E., point 4 on left bank bears S.60°53'E.

The true meander line, sec. 13, along the right bank is as follows:

From the true point for the meander corner between sec. 12 and 13, right bank.

Along rocky shore line at foot of talus slope, through scattering undergrowth.

S.41°47'W., 10.06 chs.	To point A and the mouth of Grand Gulch Canyon, draining from the NW.
S.33°08'W., 38.11 chs.	To point B.
S.20°12'W., 17.78 chs.	To point C.
S.32°30'W., 14.96 chs.	To point D.
S.37°45'W., 10.86 chs.	Intersect the true point for the meander corner between secs. 13 and 14, right bank.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

The true meander line, sec. 13, along the left bank is as follows:

From the true point for the meander corner between secs. 12 and 13, on left bank.

Along rough and rocky shore line, through scattering undergrowth.

S.42°13'W., 14.10 chs. To point 1.

S.33°22'W., 35.56 chs. To point 2.

S.19°34'W., 18.49 chs. To point 3.

S.30°42'W., 15.71 chs. At 7 chs. on this course mouth of draw, draining from south. At end of this course point 4.

S.40°30'W., 11.90 chs. Intersect the true point for the meander corner between secs. 13 and 24, left bank.

Land, rough and broken canyon slopes.

Soil, sandy loam and sandstone surface rock; 3rd. rate.

Timber, none.

Undergrowth, blackbrush, mountain rush and amole plant.

Meanders through sec. 14, right bank of the San Juan River, downstream.

Because of impassable ledges it is impossible to run the true meander line along the right bank of the San Juan River through sec. 14. There is no irregularity in the shore line, along the right bank; I therefore determine the course of the true meander line by calculation between the true points for the meander corners between secs. 13 and 24, 14 and 23, right bank.

From the true point for the meander corner between secs. 13 and 14, right bank.

Along rough and broken shore line, through scattering undergrowth.

S.41°33'W., 3.75 chs. Intersect the true point for the meander corner between secs. 14 and 23.

Land, rough and broken slopes and ledges.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush and amole plant.

Meanders through sec. 24, left bank of the San Juan River, downstream.

Because of impassable ledges it is impossible to run the true meander line along the left bank of the San Juan River in sec. 24. There is no irregularity in the shore line, along the left bank; I therefore determine the course of the true meander line by calculation between the true points for the meander corners between sec. 13 and 24, and 23 and 24.

From the true point for the meander corner between secs. 13 and 24, left bank.

Along rough and broken shore line, through scattered undergrowth.

S.49°52'W., 1.75 chs. At 1.00 chains on this course mouth of draw draining from SE.; end of course, intersect the true point for the meander cor. between secs. 23 & 24, left bank.

Land rough and broken slopes and ledges.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, amole plant and blackbrush.

Meanders through sec. 23, right and left banks of the San Juan River, downstream.

Because of impassable ledges it is impossible to run the true meander line along the right and left banks of the San Juan River through sec. 23. I therefore run on traverse line and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner, right bank of the San Juan River, between secs. 14 and 23; point 1 on left bank bears S. 15° W.; point A on right bank bears S.23°10'W.

S.56°00'W., 8.34 chs. At end of this course point A right bank bears S.2°09'W.; point 1 on left bank bears S.6°08'E.; point B on right bank bears S.34°43'W.; point 2 left bank bears S.32°12'W.

S.49°00'W., 22.02 chs.	At end of this course point 2 right bank bears S.12°13'W.; point 2 left bank bears S.17°10' W.
S.51°00'W., 25.33 chs.	At end of this course, point C on right bank and point 3 on left bank bears S.18°12'W. Thence measure line S.79°48'W., 2.00 chs. to a point, from which, point C right bank bears S.38°12'W.; point 3 left bank bears S.27°36'W.
S.65°00'W., 3.67 chs.	
S.69°45'W., 3.59 chs.	
N.83°15'W., 3.90 chs.	
N.72°15'W., 5.80 chs.	
N.73°45'W., 3.21 chs.	Intersect the witness corner to the meander corner, right bank between secs. 22 and 23.

The true meander line along the right bank through sec. 23 is as follows:

From the true point for the meander corner between secs. 14 and 23, right bank.

Along rough and broken shore line, through scattered undergrowth.

S.32°15'W., 28.26 chs.	To point A.
S.47°21'W., 31.04 chs.	To point B.
S.83°00'W., 15.91 chs.	To point C.
S.87°12'W., 19.95 chs.	Intersect the true point for the Meander corner between secs.22 and 23.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

The true meander line, sec. 23, along the left bank is as follows:

From the true point for the meander corner between secs. 23 and 24, left bank.

Along rough and broken shore line, through scattered undergrowth.

S.59°39'W., 29.41 chs. To point 1.

S.48°44'W., 34.19 chs. To point 2.

N.88°24'W., 14.01 chs. At 2.00 chs. on this course is the mouth of canyon draining from the south. End of course is point 3.

S.67°29'W., 19.19 chs. At 3.00 chs. on this course is the mouth of canyon, draining from SE. At end of this course intersect the true point for the meander corner between secs. 22 and 23, left bank.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

Meanders through sec. 22, right and left banks of the San Juan River, down stream.

Because of impassable ledges it is impossible to run the true meander line, along the right and left banks of the San Juan River through sec. 22. I therefore run on traverse line and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner, right bank of the San Juan River, between secs. 22 and 23.

N.77°45'W., 2.54 chs.

N.75°30'W., 17.24 chs. At end of this course point A right bank, bears S.80°55'W.; point 1 on left bank bears S. 70°18'W.; point B right bank bears N.83°48'W.; point 2 left bank bears N.87°00'W. Thence measure line N.69°45'W., 4.39 chs. dist. to point, from which, point A right bank bears S.86°10'W.; point B right bank bears N.85°14'W.; point 1 left bank bears S.55°17'W.; point 2 left bank bears N.88°49'W.

N.78°45'W., 57.93 chs.

S.85°42'W., 3.87 chs. Intersect the witness corner to the meander corner right bank, between secs. 21 and 22.

The true meander line, sec. 22, along the right bank of the San Juan River is as follows:

From the true point for the meander corner between secs.

22 and 23, right bank.

Along rough and broken shore line, through scattered undergrowth.

N.64°33'W.,	34.35 chs.	To point A.
N.76°41'W.,	35.42 chs.	To point B.
N.88°30'W.,	14.09 chs.	Intersect the true point for the meander corner, right bank between secs. 21 and 22.

Land, rough and broken slopes.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

The true meander line, sec. 22, along the left bank of the San Juan River is as follows:

From the true point for the meander corner, left bank, between secs. 22 and 23.

N.85°31'W.,	38.41 chs.	To point 1.
N.77°37'W.,	32.89 chs.	At 25.00 chs. on this course the mouth of canyon, draining from the south. End of this course is point 2.
S.89°53'W.,	15.50 chs.	Intersect the true point for the meander corner, left bank between secs. 21 and 22.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, amole plant, blackbrush and mountain rush.

Meanders through sec. 21, right and left banks of the San Juan River, downstream.

Because of impassable ledges, it is impossible to run the true meander line along the right and left banks of the San Juan River, through sec. 21. I therefore run on traverse and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner right bank of the San Juan River, between secs. 21 and 22.

S.86°44'W., 20.10 chs.

S.63°00'W., 6.19 chs.	At end of this course point B on right bank bears S.44°30'W.; point 2 on left bank bears S.29°15'W.
S.70°45'W., 2.80 chs.	At end of this course point A right bank bears N.87°30'E.; point B right bank bears S.39° 28'W.; point 1 left bank bears S.75°30' E.; point 2 left bank bears S.18°40'W.
S.72°15'W., 4.15 chs.	At end of this course point A bears N.83°35'E.; point 1 bears S.83°10'E.
S.45°29'W., 35.43 chs.	At end of course point C right bank bears S. 13°00'E.;point 3 left bank bears S.35°15'E.
S.53°45'W., 7.58 chs.	At end of this course point C right bank bears N.83°30'E.; point 3 on left bank bears S.75°45'E.
S.56°30'W., 19.55 chs.	Intersect the witness corner to the meander corner on the right bank, between secs. 20 and 21

The true meander line sec. 21, along the right bank of the San Juan River is as follows:

From the true point for the meander corner, right bank, between secs. 21 and 22.

Along, rough and rocky shore line, through scattered undergrowth.

N.85°43'W., 16.36 chs.	To point A and the mouth of canyon, draining from the NE.
S.61°21'W., 23.82 chs.	To point B.
S.45°44'W., 27.08 chs.	To point C.
S.59°15'W., 27.07 chs.	Intersect the true point for the meander corner, right bank, between secs. 20 and 21.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, amole plant, blackbrush and mountain rush.

The true meander line, sec. 21, along the left bank of the San Juan River, is as follows:

From the true point for the meander corner, left bank, between secs. 21 and 22.

Along rough and rocky shore line, through scattered undergrowth.

N.88°00'W., 15.71 chs.	To point 1, and the mouth of canyon, draining from south.
S.68°06'W., 17.00 chs.	To point 2.
S.41°00'W., 31.65 chs.	To point 3.
S.57°38'W., 32.69 chs.	Intersect the true point for the meander corner, left bank, between secs. 20 and 21.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, blackbrush and amole plant.

Meanders through sec. 20, right and left banks of the San Juan River, downstream.

Because of impassable ledges, it is impossible to run the true meander line along the right and left banks of the San Juan River, in sec. 20. There being no irregularity in the shore line, along the right and left banks; I therefore determine the course of the meander lines by calculation between the true points for the meander corners between secs. 20 and 21, and 20 and 29.

The true meander line, sec. 20, along the right bank is as follows:

From the true point for the meander corner, right bank between secs. 20 and 21.

Along rough and broken shore line, through scattered undergrowth.

S.52° 28'W., 19.91 chs.	Intersect the true point for the meander corner, right bank, between secs. 20 and 29.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

The true meander line, sec. 20, along the left bank of the San Juan River is as follows;

From the true point for the meander corner, left bank, between secs. 20 and 21.

Along rough and broken shore line, through scattered undergrowth.

S.62°45'W., 10.46 chs. Intersect the true point for the meander corner, left bank, between secs. 20 and 29.

Land, rough and broken slopes.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

Meanders through sec. 29, right and left banks of the San Juan River, downstream.

Because of impassable ledges, it is impossible to run the true meander line along the right and left banks of the San Juan River, through sec. 29. I therefore run on traverse line and from this line determine the correct position of the true meander line.

From the witness corner to the meander corner on the right bank of the San Juan River, between secs. 20 and 29.

From the witness corner, point A on the right bank bears S.13°E.

S.54°45'W., 2.95 chs. At end of this course point A right bank bears S. 66½°E.; point 1 on left bank bears S.41°E.; point B on right bank bears S.58°W.; point 2 on left bank bears S.54°03'W.

S.66°00'W., 17.08 chs. At end of this course point B right bank bears S.76°50'E.; point 2 on left bank bears S.4°24'W.; point 1 left bank bears N.87°45'E.

S.69°00'W., 3.69 chs. At end of this course point 3

left bank bears S.49°12'W.; point 4 left bank bears S.61°09'W.

S.84°30'W., 5.57 chs. At end of this course point C right bank bears S.62°00'W.; point 3 left bank bears S.27°29'W. point 4 left bank bears S.51°05'W.

S.80°00'W., 11.43 chs. At end of this course point C right bank bears S.59°15'E.; point 5 left bank bears S.77°W.

N.77°30'W., 14.00 chs. At end of this course point 5 left bank bears S.19°30'W.

N.74°44'W., 4.00 chs. Intersect the witness corner to the meander corner right bank, between secs. 29 and 30.

The true meander line, sec. 29, right bank of the San Juan River is as follows:

From the true point for the meander corner between secs. 20 and 29, right bank of the San Juan River.

Along rough and broken shore line through scattered undergrowth.

S.68°08'W., 8.30 chs. To point A.

S.67°46'W., 16.70 chs. To point B.

S.75°25'W., 20.61 chs. To point C.

N.79°44'W., 21.42 chs. Intersect the true point for the meander corner between secs. 29 and 30, right bank.

Land, rough and broken slopes.

Soil, sandy loam and sandstone surface rock; 3rd. rate.

Timber, none.

Undergrowth, blackbrush, amole plant and mountain rush.

The true meander line, sec. 29, left bank of the San Juan River is as follows;

From the true point for the meander corner on the left bank, of the San Juan River, between secs. 20 and 29.

Along the rough and broken shore line, through scattered undergrowth.

S.56°49'W., 14.33 chs.	To point 1.
S.75°40'W., 21.97 chs.	To point 2. At 18 chs. on this course is the mouth of a canyon, draining from SE.
S.68°37'W., 13.57 chs.	To point 3.
S.87°50'W., 5.81 chs.	To point 4.
N.82°40'W., 17.63 chs.	To point 5.
N.75°03'W., 1.51 chs.	Intersect the true point for the meander corner, left bank, between secs. 29 and 30.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, blackbrush, angle plant and mountain rush.

Meander through sec. 30, right and left banks of the San Juan River, downstream.

Because of impassable ledges, it is impossible to run the true meander line, along the right and left banks of the San Juan River, through sec. 30. There is no irregularity in the shore line along the right bank. I therefore determine the course of the true meander line by calculation between the true points for the meander corners between secs. 29 and [illegible], and 19 and 30, right bank of the San Juan River.

A point on the left bank designated as A bears S.85° 17'W., from the witness corner to the meander corner on the right bank between secs. 29 and 30, and S.7°12' W., from the witness corner to the meander corner, on the right bank, between secs. 19 and 30.

The true meander line, sec. 30, right bank of the San Juan River is as follows:

From the true point for the meander corner, right bank of the San Juan River, between secs. 29 and 30.

Along rough and broken shore line, through scattered undergrowth.

N.49°16'W., 16.61 chs. Intersect the true point for

the meander corner between secs. 19 and 30, right bank.

Land, rough and broken, slopes of canyon.

Soil, sandy loam and sandstone surface rock; 3rd. rate.

Timber, none.

Undergrowth, blackbrush and amole plant.

The true meander line, sec. 30, left bank of the San Juan River is as follows:

From the true point for the meander corner, left bank, of the San Juan River, between secs. 29 and 30.

Along rough and broken shore line, through scattered undergrowth.

N.58°32'W., 12.49 chs. To point A. At 5 chs. the mouth of Moonlight Canyon, draining from S.

N.43°58'W., 12.93 chs. Intersect the true point for the meander corner between secs. 19 and 30, left bank.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush and mountain rush.

Meanders through sec. 19, right and left banks of the San Juan River, downstream.

Because of impassable ledges it is impossible to run the true meander line along the right and left banks of the San Juan River through sec. 19. I therefore run on traverse line and from this line determine the correct position of the true meander lines.

From the witness corner to the meander corner, right bank of the San Juan River, between secs. 19 and 30.

N.33°20'W., 6.72 chs.

N.36°00'W., 3.48 chs.

N.23°45'W., 2.34 chs. At end of this course, point 1 on left bank bears N.84°42'W.; point 2 left bank bears N.62°26' W; point A right bank bears

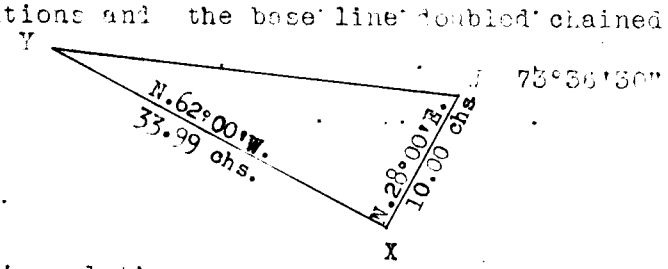
N.44°45'W.; point B on right bank bears N.52°23'W.; point C right bank bears N.56°40'W.

N.23°45'W., 7.18 chs. To point designated as X, from which, point 1 left bank bears S.40°43'W.; point 2 left bank bears S.85°26'W.; point A right bank bears N.83°W.; point B right bank bears N.62°05'W.; point C right bank bears N.63° 40'W.

N.62°00'W., 33.99 chs. To point designated as Y.

This line follows along the breaks of the San Juan River Canyon, over which chaining is impracticable. Therefore I determine the distance of the line XY by triangulation as follows:

From X measure base line N.28°00'E., 10 chs. to a point designated as J. from which point X and Y subtend an angle of 73°36'30". All angles checked by four repetitions and the base line doubled chained.



Distance by triangulation ---------- 33.99 chs.

N.45°45'W., 4.19 chs. At end of this course point 3 left bank bears S.25°45'W.; point 4 left bank bears S.75°48' W.; point 5 left bank bears N.69°54'W.;

N.22°00'W., 15.25 chs. At end of this course point 3 left bank bears S.8°45'E.; point 4 left bank bears S.9°56'W.; point 5 left bank bears S.25°47'W.; point D right bank bears S.9°50' E.; point E right bank bears S.4°10'E.;

N.19°00'W., 3.55 chs. At end of course point D right bank bears S.11°45'E.; point E bears S.8°05'E.; point F right bank bears S.52°48'W.; point 6 left bank bears N.57°15'W.

N.8°30'W., 2.90 chs. At end of this course point F right bank bears S.23°24'W.; point G right bank bears N.40°15'W.; point 6 left bank bears N.75°15'W.

N.22°15'W., 23.25 chs.	At end of this course point G on right bank bears S. 17°00'E.
N.23°30'W., 2.35 chs.	Intersect the witness corner to the meander corner on the right bank of the San Juan River, between secs. 18 and 19.

The true meander line, sec. 19, right bank of the San Juan River, is as follows:

From the true point for the meander corner between secs. 19 and 30, right bank of the San Juan River.

Along rough and broken shore line, through medium undergrowth.

N.30°55'W., 20.57 chs.	To point A.
N.56°58'W., 16.60 chs.	To point B.
N.66°26'W., 11.61 chs.	To point C.
N.53°58'W., 19.57 chs.	To point D.
N.25°03'W., 3.73 chs.	To point E.
N.21°08'W., 12.09 chs.	To point F.
N.9°06'W., 8.98 chs.	To point G.
N.24°39'W., 21.53 chs.	Intersect the true point for the meander corner, right bank, San Juan River, between secs. 18 and 19.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, none.

Undergrowth, blackbrush and mountain rush.

The true meander line, sec. 19, along the left bank of the San Juan River is as follows:

From the true point for the meander corner, left bank, of the San Juan River, between secs. 19 and 30.

Along rough and rocky shore line through medium undergrowth.

S.21°20'E., 12.15 chs.	To point 1.
S.33°11'E., 6.18 chs.	To point 2.
N.62°51'W., 30.66 chs.	To point 3 and the mouth of canyon, draining from SW.
N.60°05'W., 6.80 chs.	To point 4.

N.19°00'W., 6.42 chs. To point 5.

N.10°44'W., 18.56 chs. To point 6.

N.28°14'W., 24.82 chs. Intersect the true point for the meander corner, left bank, of the San Juan River, between sec. 18 and 19.

Land, rough and broken canyon slopes.

Soil, sandy loam and surface sandstone; 3rd. rate.

Timber, none.

Undergrowth, blackbrush and mountain rush.

Meanders through sec. 18, right and left banks of the San Juan River.

Because of impassable ledges it is impossible to run the true meander line along the right and left banks of the San Juan River. There is no irregularity in the shore line, along the right and left banks of the San Juan River through sec. 18. I therefore determine the course of the true meander line by calculation between the true points for the meander corners between secs. 18 and 19, on the right and left banks of the San Juan River and the true points for the meander corners between secs. 17 and 18, on the W. Bdy., on the right and left banks of the San Juan River.

The true meander line, sec. 18, right bank of the San Juan River is as follows:

From the true point for the meander corner on the right bank of the San Juan River, between secs. 18 and 19.

Along rough and broken shore line, through scattered undergrowth.

N.35°34'W., 14.19 chs. At 6.00 chs. on this course the mouth of canyon, draining from NE. At end of course intersect the true point for the meander corner on W. Bdy., between secs. 17 and 18.

Land, rough and broken canyon slopes.

Soil, sandy and sandstone surface rock; 3rd. rate.

Timber, none.

Undergrowth, blackbrush and amole plant.

The true meander line, sec. 18, left bank of the San Juan River, is as follows:

From the true point for the meander corner, between secs. 18 and 19, left bank of the San Juan River.

Along rough and broken shore line, through scattered undergrowth.

N.23°14'W., 3.45 chs. Intersect the true point for the meander corner, left bank of the San Juan River, between secs. 13 and 18, on W. Bdy.

Land, precipitous slopes of canyon.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, none.

Undergrowth, blackbrush and amole plant.

Latitudes, Departures and Closing Errors.

T. 40 S., R. 15 E.

Lines designated	True bearings	Distances. Chs.	Latitudes. N. Chs.	Latitudes. S. Chs.	Departures. E. Chs.	Departures. W. Chs.
E. Bdy. T40S R15E	North	480.00	480.00	.....	.....	.....
N. Bdy. T40S R15E	S.89°52'W.	479.00	.....	1.12	.....	479.00
W. Bdy. T40S R15E	South	480.00	.....	480.00	.....	.....
S. Bdy. T40S R15E	East	480.00	.....	.....	480.00	.....
Convergency	West	0.55	.....	.....	.....	55
			480.00	481.12	480.00	479.55
				480.00	479.55	
Errors in latitudes and departures				1.12	.45	

General Description T.40 S., R. 15 E.

The land embraced within the boundaries of this township consists of mesa lands broken by the breaks of the San Juan River. The San Juan River Canyon is approximately 1000 ft. deep, and is formed by series of perpendicular sandstone ledges, with talus slopes. The mesa lands extending north and south from the river are cut by numerous inaccessible box canyons draining into the

San Juan River.

The soil is a loose sandy loam, lying on sandstone bedrock, and with a great deal of sandstone surface rock.

A scattering growth of scrub juniper and pinon of no commercial value grows on the higher mesa land of the township. Blackbrush, amole plant, mountain rush and a scant growth of grass is found over the entire township, and affords only winter grazing for livestock, as the scarcity of water makes summer grazing impracticable. Over grazing soon kills the forage because the soil is so shallow.

There is no indication of oil or mineral throughout the township.

There are no settlers in the township and no land suitable for farming, with or without water to irrigate.

The nearest post office is Bluff, Utah, approximately 70 miles east.

The magnetic declination was not taken on account of defective needles.

The only water in this township is the San Juan River, and a small stream of good water is found in the bottom of Water Tank Canyon in the SW¼ of the SW¼ of sec. 33 and the SE¼ of sec. 32.

The San Juan River enters the township in sec. 12 and flows in a southwesterly direction leaving the township in sec. 18. The river flows through a box canyon with inaccessible walls, which makes it impossible for stock grazing on the adjoining land, to use the river for a watering place.

The Navajo Indians use the portion of the township south of the river for grazing whenever snow or rain furnish water for the stock.

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Page

BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Henry Snyder	Chainman
Kimball D. Williams	Chainman
Joe Hunt	Flagman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Chas. F. Moore, U.S. Surveyor, hereby certify upon honor that according to records in his original field tablets Edie S.C. Smith, U.S. Transit[redacted], in pursuance of special instructions received from the U.S. Surveyor General [redacted] for Utah bearing date of the 19th day of September, 1923, has well, faithfully, and truly in his proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions and the laws of the United States, surveyed all those parts or portions of west and north boundaries, subdivisions and meanders T. 40 S., R. 15 E.

of the Salt Lake Base and Meridian in the State of Utah, which are represented in anddate diagram, having been executed by him, and under his direction, on dates as shown on [illegible] and that all the corners of [illegible] and perpetuated in strict accordance with the Manual of Surveying Instructions [illegible] written instructions of the U.S. Surveyor General [redacted] for Utah [illegible] described in the field notes, and that the foregoing are the original field notes of [illegible], compiled by me from the original field tablets of Edie S.C. Smith, U.S. Transitman, deceased

Chas. F. Moore
U. S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

[illegible], 19

The foregoing field notes of the survey of [illegible]

[illegible], 19 , having been [illegible] necessary corrections and explanations made, the said field notes, and the surveys [illegible] are hereby approved.

U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in [illegible] has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney R. Reese	Chainman
Chas. A. Sleeper	Chainman
M.C.Gregory	Cornerman
Roy Knowles	Cornerman
Rufus Allan	Cornerman
George Hurlburt	Flagman.

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U.S.Surveyor General [redacted] for Utah bearing date of the 19 day of September, 19 23 I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of west and north boundaries, subdivisions and meanders T. 40 S., R. 15 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes and date diagram as having been executed by me, and under my direction on dates shown on said, 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 [redacted] for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at
Salt Lake City, Utah.
Feb. 6, 1930

Chas. F. Moore
U. S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver Colo., DEC 24 1934, 19

The foregoing field notes of the survey of east and north boundaries, subdivisions and meanders T. 40 S., R. 15 E., Salt Lake Base and Meridian, in the state of Utah.

Executed by Chas. F. Moore U.S.Surveyor and Edie S.C.Smith U.S.Transitman under his special instructions dated September 19, 19 23, 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. Supervisor of Surveys.

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

~~, has been correctly copied from the original notes on file in this office.~~

~~*U. S. Supervisor of Surveys.*~~

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MAR 15-1930
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

4—679

BOOK A-500

FIELD NOTES

OF THE SURVEY OF THE

WEST AND NORTH BOUNDARIES,

SUBDIVISION

AND

MEANDERS OF THE SAN JUAN RIVER

IN

TOWNSHIP 40 SOUTH, RANGE 14 EAST

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

CHAS. F. MOORE, U.S. SURVEYOR.

EDIE S. C. SMITH, U.S. TRANSITMAN.

ROBERT C. YUNDT, U.S. SURVEYOR.

~~*In the capacity of U.S. Surveyor*~~ *under instructions dated* September 24, *19* 23, *issued by the United States* Surveyor General *to govern surveys included in Group No.* 152, *which were approved by the Commissioner of the General Land Office,* October 2, *19* 23. Assignment instructions dated September 27, 1924; February 2, 1925, April 7, 1927; December 15, 1927 and March 8, 1928

Survey commenced March 18, *19* 25

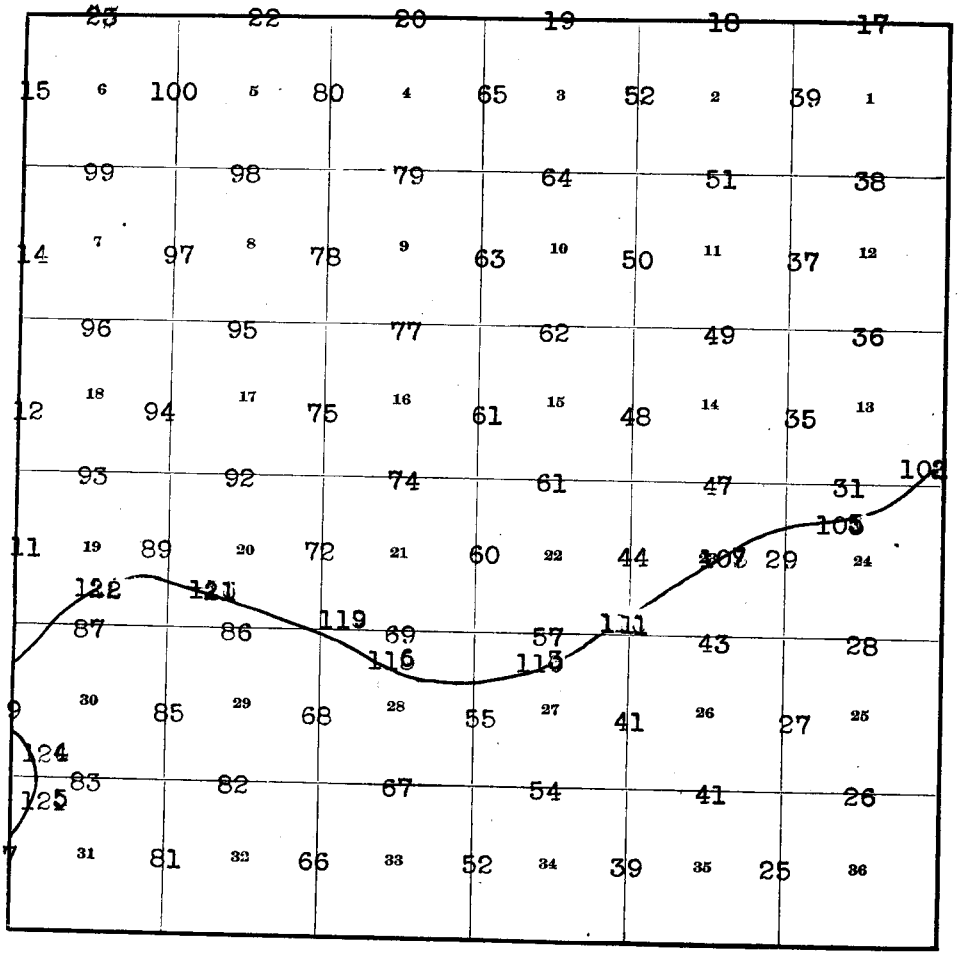
Survey completed April 23, *19* 28

6—151

BOOK A-500

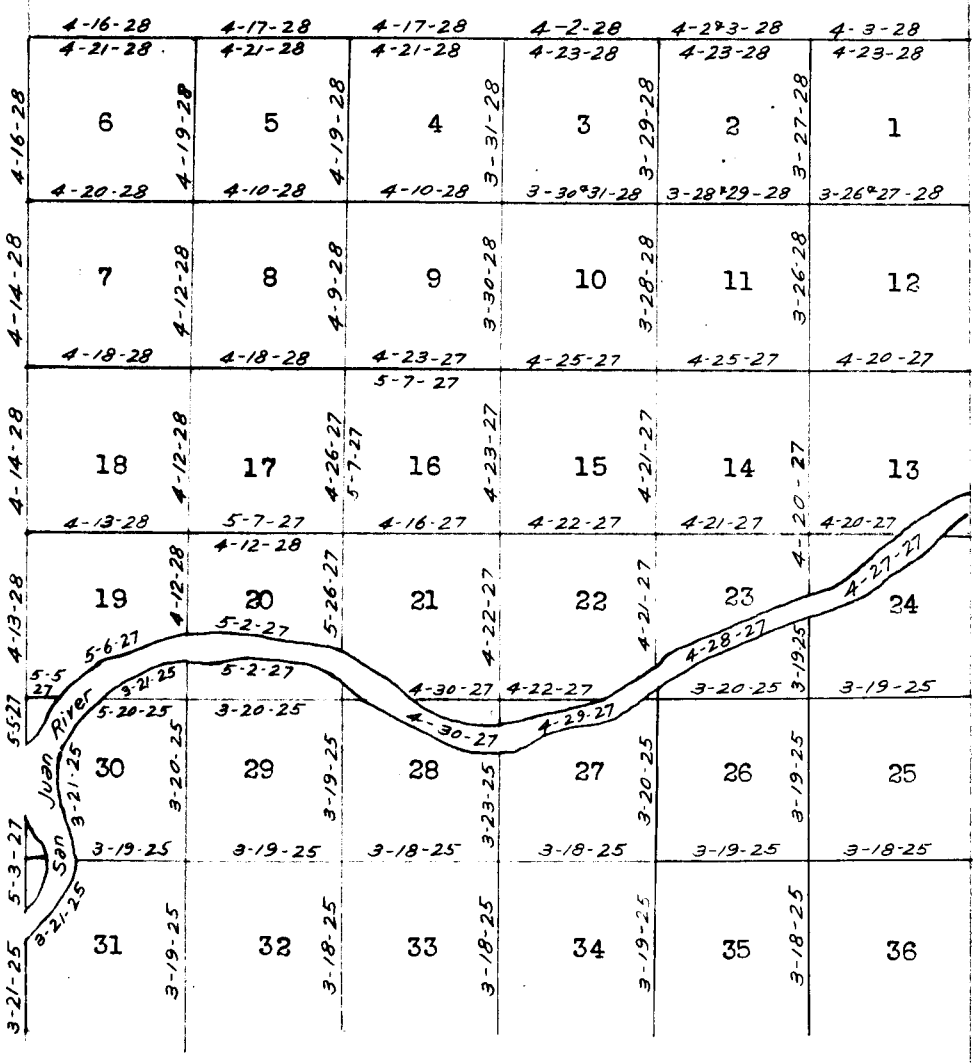
INDEX DIAGRAM.

Township 40 SOUTH, *Range* 14 EAST



T. 40 S., R. 14 E.

DATE DIAGRAM



All lines colored in black were surveyed by Chas. F. Moore, U.S. Surveyor.

All lines colored in blue were surveyed by Edie S. C. Smith, U. S. Transitman.

All lines colored in red were surveyed by Robert C. Yundt, U.S. Surveyor.

TEST OF INSTRUMENTS.

The survey was commenced March 18, 1925 by Chas. F. Moore U. S. Surveyor and Edie S. C. Smith, U. S. Transitman and suspended on March 23, 1925; resumed on April 27, 1927 by Robert C. Yundt, U. S. Surveyor, suspended on May 7, 1927; resumed again on March 24, 1928, by Robert C. Yundt, U. S. Surveyor and completed on April 23, 1928. The survey was executed with Young and Sons transits number 8396 and 8544 and Burr and Burr transit number 9797, used by Moore, Smith and Yundt, respectively. All of the instruments are equipt with full vertical circles and Smith solar attachments, and unless otherwise specified all azimuth determinations were accomplished by their use.

The instruments were approved for use on this survey by the District Cadastral Engineer for Utah, conditional on satisfactory field tests in assignment instructions dated September 27, 1924 and supplemental assignment dated September 27, 1924 and supplemental assignment instructions dated, February 2, 1925, April 7, 1927, December 15, 1927 and his letter of March 8, 1928.

The adjustments of the instruments were examined and all errors corrected. The solar attachments of the transits were then tested by comparing the indicated meridians obtained by their use with the true meridian established by observations on Polaris, a record of which follows:

TEST OF YOUNG AND SONS TRANSITS No. 8396 and 8544.

Establishment of the true Meridian.

March 14, 1925, at camp near the ¼ section corner of sections 25 and 36, in critical latitude 37°16'00"N; longitude 110°23'W; at $8^h 01^m 24^s$ p.m. l.m.t., I observe Polaris at western elongation, making four observations two each with the telescope in direct and reversed positions, and marking the mean point thus determined by a tack in a hub, firmly set in the ground, about

T 40 S, R 14 E.

ten chains from my station. Azimuth of Polaris at elongation, 1°22'37". March 15, 1925, I lay off the azimuth of 1°22'37" to the east of the above peg and mark the point thus determined by a nail in a hub, firmly set in the ground, about twelve chains North of my station, this point marks the true meridian.

Test of Solar Attachments.

March 15, 1925, on the above meridian, at 9:00 a.m., app.t., we set off 37°16'00"N on the latitude arcs and 2°08'00"S on the declination arcs and determine meridians with the solar attachments, these we find to agree with the true meridian.

At apparent noon, with the latitude arc unchanged, we observe the sun on the meridian, with the solar attachment and the resulting readings on the declination arcs, are, in each case, 2°05'30"S; this agrees with the computed declination.

At 3:00 p.m., app.t., with the latitude arcs unchanged, we set off 2°02'00"S on the declination arc and determine meridians with the solar attachment, these, we find, agree with the true meridian.

As all of the meridians, determined with the solar attachment agree with the true meridian, we conclude that the attachments are in satisfactory adjustment.

Final test of Solar Attachments on

Young and Sons Transits No. 8396 and 8544.

March 22, 1925, on the meridian established March 14, 1925 at 9:00 a.m., apparent time, we set off 37°16'00"N on the latitude arc and 0°38'00"N on the declination arc and determine meridians with the solar attachments, these, we find, agree with the true meridian.

At apparent noon, with the latitude arcs unchanged, we observe the sun on the meridian, with the solar attachment, the resulting reading on the declination arcs being, in each case, 0°40'00"N, this agrees with the computed declination.

At 3:00 p.m. apparent time, with the latitude arcs unchanged we set off 0°44'00"N on the declination arcs and determine meridians with the solar attachment, these we find agree with the true meridian.

As all of the meridians determined with the solar attachment agree with the true meridian, we conclude that the instruments have been maintained in satisfactory adjustment.

Test of solar attachment on Buff and Buff Transit 9797.

Establishment of Meridian.

April 23, 1927, at camp, near the ¼ section corner of sections 15 and 22, in the critical latitude 37°18'00"N, longitude 110°25'20"W, at 5:26:36 p.m. L.M.T. I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions and marking the mean horizontal point thus determined by a tack in a hub about eight chains from my station. Azimuth of Polaris at elongation. 1°22'00". I lay off the azimuth 1°22'00" to the east of the above point, and mark the point thus determined by a nail in a hub, firmly set in the ground, about ten chains North of my station. This point marks the true meridian.

April 24, 1927, on the above meridian, at 9:00 a.m. apparent time, I set off 37°18'00"N on the latitude arc and 12°41'30"N on the declination arc and determine a meridian with the solar attachment, this, I find, agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, I observe the sun with the solar attachment, the resulting reading on the declination arc being 12°44'00"N this agrees with the computed declination.

At 3:00 p.m., apparent time, with the latitude arc unchanged, I set off 12°46'30"N on the declination arc and determine a meridian with the solar attachment, this, I find, agrees with the true meridian.

As all of the meridians determined with the solar attachment agree with the true meridian, I conclude

T 40 S., R 14 E.

that the solar attachment is in satisfactory adjustment.

Final test of Solar Attachment.

May 8, 1927, on the meridian established April 23, 1927 At 9:00 a m. apparent time, I set off 37°18'00" N on the latitude arc and 16°57'00"N on the declination arc and determine a meridian with the solar attachment, this, I find, agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian, with the solar attachment, the resulting reading of the declination arc being 16°59'00"N, this agrees with the computed declination.

At 3:00 p.m. apparent time, with the latitude arc unchanged, I set off 17°01'00"N on the declination arc and determine a meridian with the solar attachment, this, I find, agrees with the true meridian.

From the foregoing test I conclude that the solar attachment has been maintained in satisfactory adjustment.

Azimuth determinations in 1928.

The azimuth of the lines surveyed in 1928was determined by altitude observations on the sun, made on line: a record of two of these follows.

March 26, 1928, at the cor, of secs. 11, 12, 13 and 14 T 40 S, R 14 E, critical latitude 37°19'00"N, longitude 110°24'00"W, I make a series of two altitude observations on the sun for azimuth, each with the the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal deflection angle from a tree on the skyline about four miles SE to the left to the sun.

Observation	Telescope	Sun	Watch time Standard a.m.	Vert. Ang.	Hor. Ang.
1	Direct	☉	9°56'30"	41°02'30"	37°20'30"
	Reversed	☉	9°57'40"	40°43'00"	37°42'00"
	Mean			40°52'45"	37°31'15"
2	Direct	☉	9°59'00"	41°26'00"	36°41'00"
	Reversed	☉	9°59'50"	41°04'00"	37°09'00"
	Mean			41°15'00	36°55'00"

By the first observation tree bears S 16°08'15" E
By the sec. observation tree bears S 16°08'55" E
Mean bearing S 16°08'[illegible] E

I deflect an angle of 163°52'30" to the left from the tree and proceed with the survey of the line between sections 11 and 12.

April 3, 1928, at the ¼ section corner of sections 19 and 20, critical latitude 37°17'40"N, longitude 110°30'00"W, I make a series of three altitude observations on the sun for azimuth, each with the telescope in direct and reversed positions and observing opposite limbs of the sun and reading the horizontal angle to a tree on the sky line, about 6 miles south, SE to the sun.

Observation	Telescope	Sun	Watch time Standard a.m.	Vert. ang.	Hor. ang.
1	Direct	o	9°01'13"	33°52'00"	68°15'00"
	Reversed	o	9°02'20"	33°35'00"	68°39'00"
	Mean			33°43'30	68°27'30
2	Direct	o	9°04'03"	34°23'30"	67°40'00"
	Reversed	o	9°04'50"	34°03'30"	68°08'00"
	Mean			34°13'30	67°54'00"
3	Direct	o	9°05'57"	34°45'00"	67°17'00"
	Reversed	o	9°06'42"	34°24'00"	67°45'00"
	Mean			34°34'30"	67°31'00"

By the first observation the tree bears S 0°04'15" E
By the second observation the tree bears S 0°04'30" E
By the third observation the tree bears S 0°04'10" E

Mean bearing o f the tree S 0°04'18" E.
I deflect an angle of 179°58'30" to the left of the tree and proceed with the survey of the line between sections 19 and 20.

MEASUREMENTS

Unless otherwise indicated all measurements were made with Lallie steel tapes, 8 chains in length. These tapes were compared with a Lufkin 'standard' tape 1 chain in length and found to be correct. The measurements were made on the slope, the vertical angles determined by the use of clinometers and the slope distances properly reduced to true horizontal and

Chains.	vertical distances
	West Boundary.
	Beginning at the standard corner of T 40 S, Rs 13 and 14 E, which is an iron post, 3 ins. in dia., projecting about 9 inches above ground, and marked and witnessed as described in the official field notes of T 41 S, R 14 E, Group 152, Utah, thence
	North, on true line between secs. 31 and 36 along the west boundary of the township, over rolling land, through medium undergrowth.
9.50	Wash, 1 chain wide, 5 ft. deep, drains NW. desc. a N slope to,
36.51	Intersect mean high water on the left bank of the San Juan River, and at the point of intersection,
	Set an iron post, 3 ft. long and 1 in. in dia., 2 ins. in the ground to solid rock, and in a mound of stone for the meander corner of sections 31 and 36, with a brass cap marked:

MC

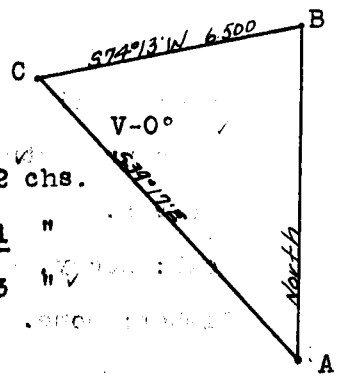
S36 | S31
R13E | R14E
T40S
1926

Deposit a sandstone, 10 x 6 x 4 ins., marked with a cross (X) at the base of the monument.

Being unable to chain across the San Juan River at this point, I triangulate as follows, designate the meander corner as 'A', set flag 'B' on line north and from 'B' survey a base line 'BC' S 74°13' W, 6.500 chains. From 'C', flag 'A' bears S 39°17' E

All angles measured by three repetitions.

Distance by triangulation 9.42 chs.
Distance on line to 'A' 36.51 "
Distance on line to 'B' 45.93 "



T 40 S., R 14 E

West Boundary

Chains.	
45.93	Point of triangulation on the right bank of the San Juan river, thence by return measurement to
45.15	Intersect mean high water on the right bank of the San Juan River. The bank at this point is a gently sloping bank of loose sand susceptible to easy erosion, no corner set at this point.
45.73	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in the ground for the witness meander corner of secs. 31 and 36 on the right bank of the San Juan River, with a brass cap marked:

T40S
R13E | R14E
S36 | S31

WMC
1927

Deposit a sandstone, 5 x 5 x 5 ins., marked with a cross (X) at the base of the monument.

Note: The position for the ¼ sec. cor of secs. 31 and 36 falls in the River.

Continue North over sandy bottom land.

59.50	Sandstone rim, 20 ft. high, bears NW and SE, continue ascent over rolling hills, covered with cobble stones.
80.00	On a gentle SE slope, 75 ft. above the river, Set an iron post, 3 ft. long and 2 ins. in dia., 12 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 25, 30, 31 and 36, with a brass cap marked:

T40S
R13E | R14E
S25 | S30
S36 | S31
1927

Deposit a cobble rock, 5 x 4 x 3 ins., marked with a cross (X) at the base of the monument.

Land: Rolling hills on both sides of the river, with a narrow strip of sand along the north side of the river.

Soil: Rocky, 4th rate.

Timber: None.

Chains	
	Undergrowth: Sagebrush and buck brush.
	Fair grazing.
	Drainage; north and south into San Juan River.
	North, on true line, between sections 25 and 30, on the West boundary of the township; over gently rolling land, through scant undergrowth, along a gentle east slope.
32.30	Top of ascent, desc. along a gentle NE slope to,
39.00	Intersect the mean high water mark on the right bank of the San Juan River, and at the point of intersection Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in the ground, for the meander corner of sections 25 and 30, with a brass cap marked:

M C

S25 | S30

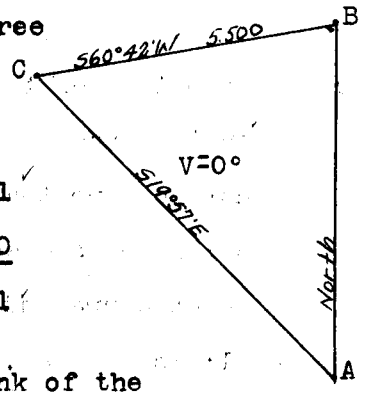
R13E | R14E

T40S

1927

Raise a mound of stone, 2 ft. base and 18ins. high south of the post

Chaining across the river at this point being impracticable, I triangulate as follows: Designate this point as 'A' and set flag 'B' on the right bank to the North on line, and from 'B' survey a base line 'B-C', S 60° 42'W, 5.500 chains, from 'C' flag at 'A' bears S19°57' E. All angles measured by three repetitions.



Distance by triangulation

	15.91
Distance on line to 'A'	39.00
Distance on line to 'B'	54.91

54.91	Triangulation point on right bank of the San Juan River, thence by return measurement to,
54.71	Intersect mean high water on the right bank of the San Juan River. The bank at this point is of loose red

Chains	
	clay and will not furnish a secure location for the meander corner.
54.91	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in the ground, for the witness meander corner for sections 25 and 30 on the right bank of the San Juan River, with a brass cap marked:

T 40 S
R13E | R14E
S25 | S30
WMC
1927

Raise a mound of stone, 2 ft. base and 1½ ft. high North of the post.

Continue asc. over rough and broken S slope to cor.

58.80	Trail, Castle Nash to Clay Hill Crossing, bears SW and NW.
66.60	Same trail, bears S and NE.
79.44	On a rocky S slope and at the base of a ledge about 20 ft high, bearing E and W,

Set an iron post, 3 ft. long and 2 ins. in dia., 8 ins. in the ground and in a mound of stone, for the witness cor. of secs. 19, 24, 25 and 30, with a brass cap marked:

WC
T40S
R13E | R14E
S24 | S19
S25 | S30
1927

Deposit a sandstone, 8 x 4 x 4 ins., marked with a cross (X) at the base of the post

80.00	True point for the cor. of secs. 19, 24, 25 and 30 falls on the face of a sloping ledge, where the corner may not be perpetuated.

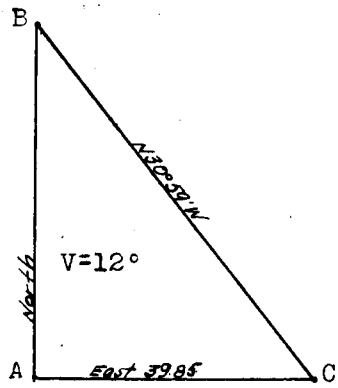
Land: Broken slopes facing the San Juan River, general SE exposure and drainage.

Soil: Rocky loam, 4th rate.

Timber: None.

Undergrowth, sagebrush and shad-scale.

Fair grazing.

Chains.	
	North, on true line, between sections 19 and 24, along the West boundary of the township, beginning at the true point for the cor, of secs. 19, 24, 25 and 30, the line to the north passes over a series of high ledges over which chaining is impracticable, I triangulate as follows, designate this point as 'A', and the ¼ sec. cor. of secs. 19 and 30 as 'C', set flag 'B' on line North. From 'A', flag at 'C' bears East 39.85 chains and from 'B' the same flag bears S 30°59' E, Angles at 'B' and 'A' checked by three repetitions Flag at 'C' on the left bank of the San Juan River and is inaccessible from this bank. Distance by Triangulation 66.37 
66.37	Triangulation point on top of ledges, bearing E and W, Thence by return measurement to
46.51	Top of high ledge, bearing NE and SW, 445 ft. below triangulation point 'B'
	At this point, set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground, over a cross (X) cut in solid rock, and in a mound of stone, for the witness corner to the ¼ sec. cor. of secs. 19 and 24, with a brass cap marked:
	¼ S24 | S19 WC 1927
	Deposit a sandstone, 7 x 6 x 4 ins., marked with a cross (X) at the base of the post.
40.00	The true point for the ¼ sec. cor. of secs. 19 and 24 falls of the face of a sloping ledge and the point cannot be reached.
66.37	Triangulation point 'B', 705 ft. above the true point for the cor, of secs. 19, 24, 25 and 30: Asc. 350 ft.

Chains. over a rocky S. slope to,

80.00 On a rocky S slope, at the base of a high ledge, bearing NE and W,

Set an iron post, 3 ft. long and 2 ins. in dia., 6 ins. in the ground and in a mound of stone, for the cor. of secs. 13, 18, 19 and 24, with a brass cap marked:

T40S
R13E | R14E
S13 | S18
S24 | S19
1928

Deposit a sandstone 7 x 6 x 5 ins., marked with a cross (X) at the base of the post.

Land: Rough and broken ledges, general SE exposure and drainage.

Soil: Rocky, 4th rate.

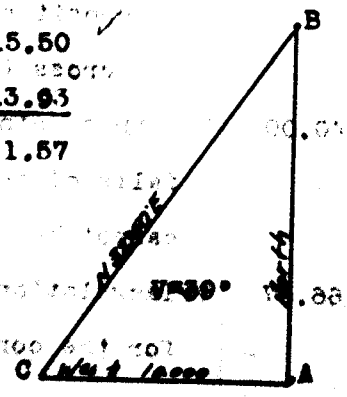
Timber: None.

Undergrowth, shadscale and grass.

Poor grazing.

North on true line, between sections 13 and 18, on the West boundary of the township. The line to the north passes over a high ledge over which chaining is impracticable, I therefore return south 13.93 chains to point 'B' of the triangulation between sections 19 and 24, designated as point 'A' in this triangulation; set flag 'B' on line north, on the top of the ledge and from 'A' survey a base line AC west 10.000 chains; from 'C' the flag at 'B' bears N 32°50' E. All angles checked by three repetitions

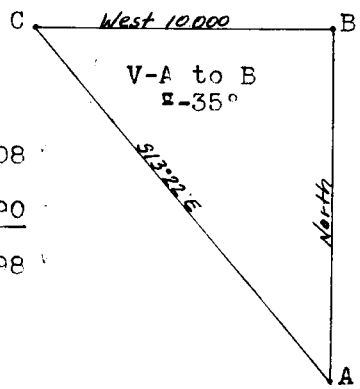
Distance by triangulation	15.50
Southing by chaining (Minus)	13.93
Distance on line to 'B'	1.57



T 40 S, R 14 E

West Boundary

Chains	
1.57	Triangulation point on top of high ledge, bearing NE and W, and forming the south rim of Mike's Mesa, 370 feet above the sec. cor., asc. along a SE slope to
17.40	Top of ridge on the top of Mike's Mesa, bears NE and SW, desc along a NE slope to
32.90	Top of ledge bearing NE and SW, about 300 feet high and forming the north rim of Mike's Mesa; chaining impracticable, I therefore triangulate as follows: Designate this point as A, set flag B on line to the north and from B survey a base B-C, West 10.000 chains. From C the flag at A bears S 13°22' E. All angles checked by three repetitions



Distance by triangulation	42.08
Distance on line to A	32.90
Distance on line to B	74.98

74.98	Triangulation point B, thence by return measurement to
45.06	At the base of impassable ledges bearing NE and SW, 400 feet above point B;

Set an iron post, 3 ft. long and 1 in. in dia., in a large mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the ¼ sec. cor. of secs. 13 and 18, with a brass cap marked:

¼

S13 | S18

WC
1928

No bearing trees available.

40.00	True point for the ¼ sec. cor. falls on inaccessable slope of sandstone. Return to the witness corner and thence North on true line, desc 145 ft. along a NW slope.
66.00	Small draw, drains NW, continue desc.

Chains	
74.50	Spur, projects NW, continue desc.
74.98	Triangulation point B.
80.00	On a N slope; Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of sections 7, 12, 13 and 18, with a brass cap marked:

T40S
R13E | R14E
S12 | S 7
S13 | S18
1928

Land, rough and broken slopes and rugged ledges.

Soil, sandy loam with sandstone boulders, 4th rate.

Timber, none.

Undergrowth, sagebrush and bunch grass.

Good grazing on portion of mile north of Mike's Mesa.

North on true line between sections 7 and 12 on the west boundary of the township, over rolling land to the bottom of the east fork of Mike's Canyon, desc. 300 feet along a NW slope to,

24.00	East fork of Mikes Canyon, dry, drains W; asc. 50 feet over a S slope to.
40.00	On a S slope,

Set an iron post, 3 ft. long and 1 in . in dia., 6 ins. in the ground, over a cross (X) cut in solid surface rock, and in a mound of stone for the ¼ sec. cor., with a brass cap marked:

¼
S12 | S7
1928

Asc. 35 ft. over a S slope to spur.

50.40	Slope changes to SW.
73.20	Spur projects SW, desc. 180 ft. along a NW slope to,
80.00	On a NW slope

Set an iron post, 3 ft. long and 2 ins. in dia., 8 ins.

Chains

in the ground to solid rock and in a mound of stone, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked:

T40S
R13E | R14E
S1 | S6
S12 | S7
1928

Deposit a sandstone, 8 x 8 x 7 ins., marked with a cross (X), at the base of the monument.

Land, south half, gentle rolling hills; north half, steep slopes at the base of high ledges to the north-east, general west exposure and drainage.

Soil, sandy to rocky loam; 3rd rate.

Timber, none.

Undergrowth, bunch grass and sagebrush.

Good grazing.

North, on true line bet. secs. 1 and 6, along the west boundary of the township; desc. 195 ft. over a rocky NW. slope to:

29.50 Middle fork of Mike's Canyon, stream of good water, 1 link wide and 1 inch deep, flows SW.; ascend 165 ft. along a SE. slope to:

40.00 On a SE. slope.

Set an iron post, 3 ft. long, and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface-rock, for the ¼ sec. cor. secs. 1 and 6, with a brass cap marked:

¼
S1 | S6
1928

Asc. 90 ft. over a rocky SE. slope to:

45.78 The line to the north passes over high vertical ledges over which chaining is impracticable, I therefore triangulate as follows:

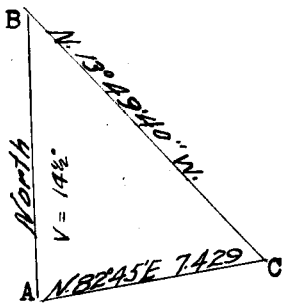
T. 40 S., R. 14 E.

West Boundary.

Chains

Designate the ¼ sec. cor. secs. 1 and 6 as 'A' and set flag 'B' on line north on the top of the ledges, then survey base line 'A'-'C' N. 82°45' E., 7.429 chains. From 'C' the flag at 'B' bears N. 13°49'40" W.; all angles determined by three repetitions.

Distance on line to 'A'	40.00
Distance by triangulation	30.88
Distance on line to 'B'	70.88



70.88 To point 'B' of traingulation on top of ledges, about 300 ft. high, bearing NE. and SW, 550 ft. above the ¼ sec. cor.; asc. 40 ft. along a gentle S. slope through scattering timber.

80.00 On a gentle S. slope.

Set an iron post, 3 ft. long and 3 ins. in dia., 30 ins. in a mound of stone, over (X) cut in exposed surface-rock, for the cor. of Ts. 39 and 40 S., Rs. 13 and 14 E., with brass cap marked

T39S
R13E | R14E
S36 | S31
S1 | S6
T40S
1928

From which,

A juniper 3 ins. dia., marked 'BT', bears N. 24°15' E., 65 lks. dist.

A juniper, 3 ins. diam, marked 'BT', bears S. 70°15' E., 161 lks. dist.

No other suitable bearing trees available.

Land, south portion, rolling hills, north portion, steep slopes and high ledges; S. exposure and drainage.

Soil, sandy and rocky loam; 3rd rate.

Chains.	
	Timber, juniper, above rim of ledge.
	Undergrowth, bunch grass and sagebrush.
	Good grazing.
	NORTH BOUNDARY
	Beginning at the cor. of Ts39 and 40 S, Rs 14 and 15 E, which is an iron post, 3 ins. in dia. set in a mound of stone, marked and witnessed as described in the notes of the survey of T 40 S, R 15 E, Group 151, Utah,
	Thence West on a random line, for alinement only, along the north boundary of the township. This line intersects the range line between Rs 13 and 14 E at a point 14 lks. south of the cor. of Ts 39 and 40 S, Rs 13 and 14 E, here-in-before described; returning to the cor, of Ts 39 and 40 S, Rs 14 and 15 E and thence,
	N 89°59' W on true line between sections 1 and 36, over gently rolling land, through scant undergrowth.
14.20	Shallow draw, drs. SW, continue over rolling land.
25.60	Low sandstone spur, projects SW, desc. 20 ft. to,
28.30	Rocky draw, drs. SW.
40.00	On a general S slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec cor. of secs. 1 and 36, with a brass cap marked:
	¼ S 36 / S 1 / 1928
	Continue over rolling land.
74.90	Trail, Collins Cave to Clay Hill Crossing, bears NE and SW.
80.00	On a gentle SW slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 8 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 1, 2, 35 and 36, with a brass cap marked:

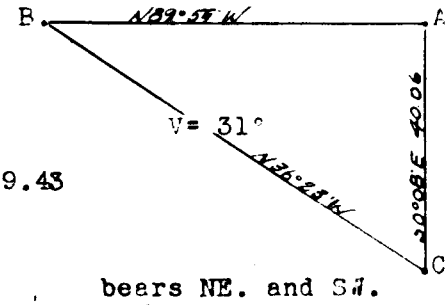
Chains	
	T39S R14E S35 | S36 S2 | S1 T40S 1928
	Deposit a sandstone 5 x 5 x 4 ins., marked with a cross (X) at the base of the post.
	Land; rolling hills, general SW exposure and drainage.
	Soil, sandy loam, 2nd rate.
	Timber, none.
	Undergrowth, sagebrush and shad-scale.
	Poor grazing.

	N 89°59' W on true line between sections 2 and 35, along the north boundary of the township, over gently rolling land, through scant undergrowth. desc. along a gentle SW slope to,
10.10	Wash, 15 links wide and 2 ft. deep, drains SW.
40.00	On a general SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 2 and 35, with a brass cap marked:
	¼ S35 / S 2 1928
	Deposit a sandstone, 6 x 4 x 4 ins., marked with a cross (X) at the base of the post.
80.00	On a general SE slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface-rock, for the cor. of secs. 2, 3, 34 and 35, with a brass cap marked:

T 40 S, R 14 E.

North Boundary

Chains	
	T39S R14E S34 | S35 S 3 | S 2 T40S 1928
	Land, gently rolling hills, general SE exposure and drainage
	Soil, sandy loam, 3rd rate.
	Timber, none
	Undergrowth, shad-scale and sagebrush.
	Poor grazing.

	N 89°59' W on true line, between sections 3 and 34, along the north boundary of the township, over broken land, through scant undergrowth, asc. along a SE slope,
	The line to the west ascends over abrupt slopes and ledges, over which chaining is impracticable, I therefore triangulate as follows, designate the cor. of secs. 2, 3, 34 and 35 as 'A', set flag 'B' on line to the west and from 'A' survey a base line 'A'-'C', S 0°08' E, 40.06 chains; from 'C' the flag at 'B' bears N 36°23' W, all angles determined by three repetitions.
	
	Distance by triangulation 29.43
	bears NE. and SW.
29.45	Triangulation point on top of ledge, about 100 ft. high and 1130 ft. above the cor. of secs. 2, 3, 34 and 35, thence over a broken E slope.
40.00	On a broken E slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone over a cross (X) cut in exposed surface rock, for the ¼ sec. cor., of secs. 3 and 34, with a brass cap marked:

Chains

$\frac{1}{2}$ $\frac{834}{S\ 3}$
1928

The line to the west passes over high and steep clay slopes over which chaining is impracticable, to avoid these I traverse as follows:

S 78°00' W 18.19 chains, thence

S 31°15' W.13.18 chains, thence

West 15.37 chains, thence

North 15.05 chains to a point 80.00 chains N 89°59' W of the cor. of secs. 2, 3, 34 and 35, at which point,

80.00 Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface-rock, for the cor. of secs. 3, 4, 33 and 34, with a brass cap marked:

T39S R14E	
S33	S34
S4	S3

T40S
1928

Land, rough and broken slopes of sandstone and clay, general SE exposure and drainage.

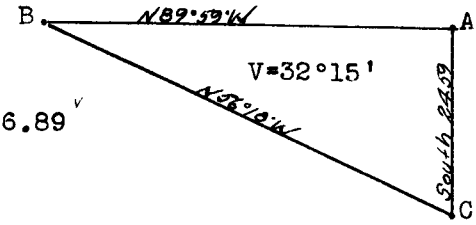
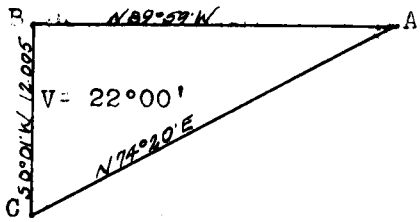
Soil, clay loam, 4th rate.

Timber, none.

Undergrowth, sagebrush and shad-scale.

Poor grazing.

N 89°59' W on true line, between sections 4 and 33, along the north boundary of the township, over precipitous slopes and ledges, scant undergrowth, the line to the west ascends high ledges over which chaining is impracticable, I therefore triangulate as follows; designate the cor. of secs. 3, 4, 33 and 34 as 'A', set flag 'B' on line to the west and from 'A' survey a base 'A'-'C', South 24.59 chains; from 'C' the flag

Chains	
	at 'B' bears N 56°18' W, all angles determined by three repetitions.
	
	Distance by triangulation 36.89
36.89	Triangulation point on top of ledge, about 300 ft. high and top of ridge projecting SW, and bearing NE. 1500 ft. above sec. cor. desc. along a rocky W slope over ledges.
40.00	On a rocky W slope 60 ft. below top,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface-rock, for the ¼ sec. cor. of secs. 4 and 33, with a brass cap marked:
	¼ S33 / S 4 / 1928
	Line to the west passes over inaccessable ledges over which chaining is impracticable, I return to the point at 36.89, now designated as 'A' and triangulate as follows, set flag 'B' on line to the west and from 'B' survey a base line 'B'-'C' S 0°01'W, 12.005 chains; from 'C' the flag at 'A' bears N74°20' E, all angles determined by three repetitions.
	
	Distance by triangulation 42.80 Chains
	Distance on line to 'A' 36.89
	Distance on line to 'B' 79.69
79.69	Triangulation point 1150 ft. below point 'A'.
80.00	On a NW slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., , 30 ins. in a mound of stone, over a cross (X) cut in exposed surface-rock, for the cor. of secs. 4, 5, 32 and 33,

Chains

with a brass cap marked:

T39S R13E
S32 | S33
S5 | S4
T40S
1928

Land, rough and broken ledges, general S exposure and drainage.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, bunch grass and sagebrush.

Good grazing.

N 89°59' W on true line, between sections 5 and 32, along the north boundary of the township, over rough and rocky land, through scant undergrowth, desc. 60 ft. along a NW slope to,

3.20 East fork of Mike's Canyon, dry, drains SW, asc. along a SE slope 210 ft. to,

40.00 On a SE slope,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the ¼ sec. cor. of secs. 5 and 32, with a brass cap marked;

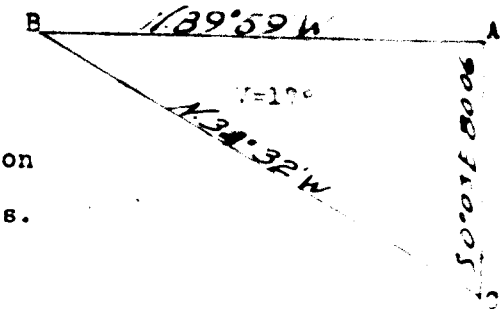
¼ S32 / S 5
1928

As the line to the west passes over high ledges over which chaining is impracticable, I return to the cor. of secs. 4, 5, 32 and 33, to secure a base line and triangulate as follows; designate this point as 'A', set flag 'B' on line to the west and on top of the ledges, then from 'A' survey a base line 'A'-'C' S 0°03' E, 80.06 chains.. From 'C' the flag at 'B' bears N 34°32' W, all angles determined by three repetitions

T. 40 S., R. 14 E.

North Boundary

Chains



Distance by triangulation

55.03 chs.

55.03 To point 'B' of triangulation at top of ledges about 300 ft. high, bearing NE. and SW., 1060 ft. above the cor. of secs. 4, 5, 32, and 33; continue ascent of 40 ft. over a SE. slope to.

62.90 Spur, proj. SW.; desc. 145 ft. along NW. slope to.

80.00 On a rocky NE. slope.

Set an iron post, 3 ft. long and 3 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the cor. of secs. 5, 6, 31, and 32, with brass cap marked:

T39S S31	R14E S32
S6	S5

T40S
1928

From which:

A juniper, 3 ins. dia., marked 'BT' bears S. 35°00' W., 104 lks. dist.

A juniper, 3 ins. dia., marked 'BT', bears N. 50°00' W., 38 lks. dist.

No other suitable bearing trees available.

Land, broken ledges and steep slopes of sand and clay; general S. slope and drainage.

Soil, clay loam; 3rd rate.

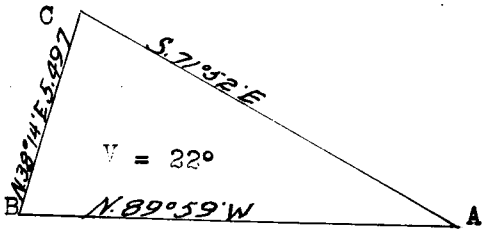
Timber, a few scattered dwarf juniper.

Undergrowth, bunch grass, sage and buck brush.

Good grazing.

N. 89°59' W., on true line, bet. secs. 6 and 31, on

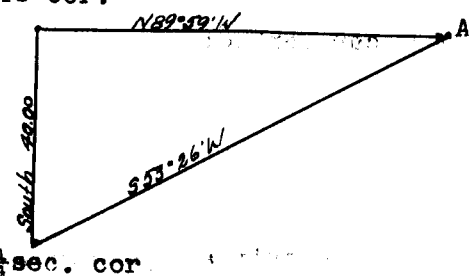
Chains	
	the north boundary of the township, over rough, broken land and a large amount of barren sandstone, through scattered timber and medium undergrowth; desc. 210 ft. over a rocky W. slope to.
25.44	Set flag on rim of canyon.
26.67	Top of ledges about 300 ft. high, bearing NE. and SW. and forming the E. rim of the middle fork of Mike's Canyon, The ledges make chaining impracticable, I therefore triangulate as follows. Designate this point as 'A'; set flag 'B' on line to the west in the bottom of Mike's Canyon, and from this point, survey a base line 'B'-'C', N. 33°14' E., 5.497 chains. From 'C', the flag at 'A' bears S. 71°52' E, All angles determined by three repetitions.



Distance on line to 'A'	26.67 chs.
Dist. by triangulation	16.60 chs.
Distance on line to 'B'	43.27 chs.
By return measurement	3.27 chs.
	40.00 chs.

40.00	On a rocky NW. slope. Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface-rock, for the ¼ sec. cor., with brass cap marked ¼ S31 / S6 / 1928
43.27	To point 'B' of triangulation.
44.30	Stream of good water, 3 lks. wide and 2 ins. deep, in Middle fork of Mike's Canyon, 450 ft. below top of ledges, flows SW. As the line to the west ascends high broken and impassable ledges over which I am unable to chain, I return to the flag left at 25.44 chs. and triangulate as follows. Designate this point as

Chains	
	'A', the cor. of Ts 39 and 40 S, Rs 13 and 14 E bears N 89°59' W and the ¼ sec. cor. of secs. 1 and 6 on the west boundary bears S 53°26' W.



	Distance on line to point 'A' 25.44
	Distance by triangulation 53.90
	Length of line 6-31 79.34
	Approximate topography.
68.30	Ledge, bears NE and SW, forming W rim of Mike's Canyon, thence along a gentle S slope.
79.34	Intersect the cor. of Ts 39 and 40 S, Rs 13 and 14 E, heretofore described.
	Land, high ledges and steep slopes along the middle fork of Mike's Canyon, general S exposure and drainage.
	Soil, very rocky loam, 4th rate.
	Timber, few scattered dwarf juniper.
	Undergrowth, bunch grass and sagebrush.
	Good grazing.

SUBDIVISIONS

	Beginning at the standard cor. of secs. 35 and 36 on the south boundary of the township, which is an iron post 2 ins. in dia., described in the notes of the survey of T 41 S, R 14 E, Group 152, Utah, thence.
	N 0°01' W on true line, between secs. 35 and 36, over rolling land, through scant undergrowth, asc 75 ft. over a S slope to,
17.60	Ridge, bears E and W, desc. 50 ft. over a N slope to,
40.00	On a N slope,

Subdivision

Chains.

Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground to solid rock and in a mound of stone for the ¼ sec. cor., of secs. 35 and 36 with a brass cap marked:

¼
S35 | S36
1925

Deposit a sandstone, 10 x 8 x 6 ins.. marked with a cross (X) at the base of the post.

Desc. 70 ft. over a N slope to,

80.00 On a NW slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 16 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 25, 26, 35 and 36, with a brass cap marked:

T40S R14E
S26 | S25
S35 | S36
1925

Deposit a sandstone, 10 x 10 x 8 ins., marked with a cross (X) at the base of the post.

Land, gently rolling hills, general NW exposure and drainage.

Soil, sandy loam, 2nd rate.

Timber, none.

Undergrowth, sagebrush and shad-scale.

Fair grazing.

East on a random line, between secs. 25 and 36.

40.00 Set a temp. ¼ sec. cor.

79.86 Intersect the east boundary of the township at a point 20 lks. south of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in dia. described in the notes of the survey of T 40 S, R 15 E, Group 151-Utah,

Chains	
	Thence, S 89°51' W on true line between secs. 25 and 36.
	Over rolling land, through scant undergrowth.
39.93	On a gentle SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 28 ins. in the ground for the ¼ sec. cor , of secs. 25 and 36. with a brass cap marked:
	¼ S25 / S36 1925
	Deposit a sandstone, 13 x 8 x 6 ins., marked with a cross (X) at the base of the post.
69.80	Low ridge, bears N and S.
79.86	The cor. of secs. 25, 26, 35 and 36.
	Land, low rolling hills, general N exposure and drainage.
	Soil, sandy loam, 2nd. rate.
	Timber, none.
	Undergrowth, sagebrush and buck brush.
	Fair grazing.

	N 0°01' W, on true line, between secs. 25 and 26,
	Over gently rolling land, through scant undergrowth, desc. along a gentle NW slope.
40.00	On a gentle NW slope,
	Set an iron post, 3 ft. long, and 1 in. in dia., 28 ins. in the ground for the ¼ sec. cor., of secs. 25 and 26, with a brass cap marked:
	¼ S26 | S25 1925
	Deposit a sandstone, 9 x 8 x 7 ins., marked with a cross (X) at the base of the post.
45.00	Wash, 10 lks. wide and 3 ft. deep, drains NW, continue over rolling land
80.00	On a gentle SW slope,

Chains	
	Set an iron post, 3 ft. long and 2 ins. in dia. 28 ins. in the ground, for the cor. of secs. 23, 24, 25 and 26, with a brass cap marked:
	T40S R14E S23 | S24 S26 | S25 1925
	Raise a mound of stone, 2 ft. base and 18 ins. high west of the post.
	Land, gently rolling hills, general NW slope and drainage.
	Soil, sandy loam, 2nd rate.
	Timber, none.
	Undergrowth, sagebrush and shadscale.
	Fair grazing.

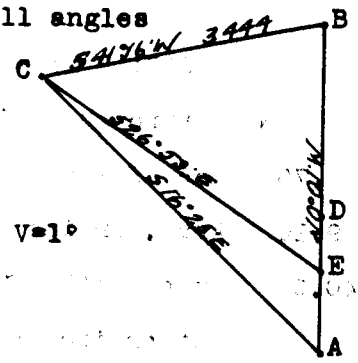
	N 89 51' E on a random line, between secs. 24 and 25;
40.00	Set a temp. ¼ sec. cor.
79.80	Intersect the east boundary of the township at the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. in dia., firmly set, properly marked and witnessed as described in the field notes of the survey of T 40 S, R 15 E; thence
	S 89°51' W on true line between secs. 24 and 25, over rough bench land, through medium undergrowth, desc. along a NW slope.
2.30	Draw, drains NE, asc. 50 ft. along a SE slope to,
39.90	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. of secs. 24 and 25, with a brass cap marked:
	¼ S24 / S25 1925
44.80	Ridge, bears NE and S, desc. along a SW slope.

Chains	
79.80	The cor. of secs. 23, 24, 25 and 26, heretofore described.
	Land, rough, broken bench, exposure and drainage NE and NW from the ridge at about 45 chains west.
	Soil, rocky to sandy loam, 3rd rate.
	Timber, none,
	Undergrowth, sagebrush and buck-brush.
	Fair grazing.

	N 0°01'W between secs. 23 and 24, over rough bench land, through medium undergrowth, along a W slope
.70	Top of small knoll, desc. 90 ft. along a NW slope to,
9.10	Draw, drains NW, thence over rough bench
40.00	On a gentle N slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 23 and 24, with a brass cap marked:
	¼ S23 | S24 1925
52.13	Set flag for future reference.
60.07	On the top rim of the left bank of the San Juan River, bearing NE. and SW.
	Set an iron post, 3 ft. long and 1 in. in dia. 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness meander cor. for secs. 23 and 24 on the left bank of the river, with a brass cap marked:
	WC MC T40S | R14E S23 | S24 1925
	The San Juan River flows through a deep canyon, having vertical walls over which chaining is impracticable,

Chains

I therefore triangulate as follows, designate this point as 'A' and set flag 'B' on line on the north or right rim of the river and proceed to that point. From 'B' I set two additional points 'D' and 'E' on mean high water on the right and left banks of the San Juan River, respectively. From 'B' survey a base line 'B'-'C' S 41°16' W, 3.444 chains, longer base line impracticable because of ledges; from 'C' flags 'A' and 'E' bear S 16°25' E, and S 26°53' E, respectively, flag at 'D' is not visible from this point, all angles checked by three repetitions.



Distance on line to point 'A' 60.07

Distance by triangulation to point 'B' 10.31 V=1°

Distance on line to point 'B' 70.38

By return measurement 11 lks. 70.27

70.27 Witness meander corner for secs. 23 and 24, on the right bank of the San Juan River, here-in-after described.

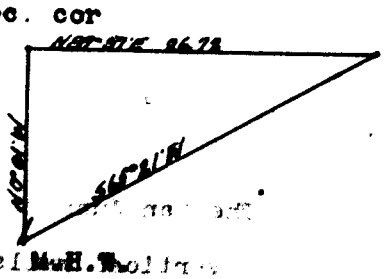
Distance by triangulation from 'B' to 'E' 7.07

Distance on line to 'E' (V= 45°30') 63.31

63.31 Intersect mean high water mark on the left bank of the San Juan River, true point for the meander corner falls on sloping sandstone ledge where the corner may not be established.

To determine distance to the mean high water mark on the right bank, mentioned above as point 'D' I proceed as follows; from a point 26.72 chains N 89°57' E of the cor. of secs. 13, 14, 23 and 24, here-in-after described, point 'D' bears S 65°21' W.

Distance on line to sec cor. 80.00



Distance by triangulation to 'D' 12.23

Distance on line to D 67.77

67.77 Intersect mean high water mark on the right bank of the

Chains	
	San Juan River and the true point for the meander corner of secs. 23 and 24. This point falls on sloping sandstone where the corner cannot be established.
70.27	On right rim of the San Juan River, bears NE. and SW.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross cut in the solid rock, for the witness meander cor. of secs. 23 and 24, with brass cap marked

T40S	R14E
S23	S24

WMC
1927

	Asc. along a SW. slope over barren sandstone.
80.00	On a SW. slope, on barren sandstone.
	Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a mound of stone, over a cross cut in solid rock, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked.

T40S	R14E
S14	S13
S23	S24

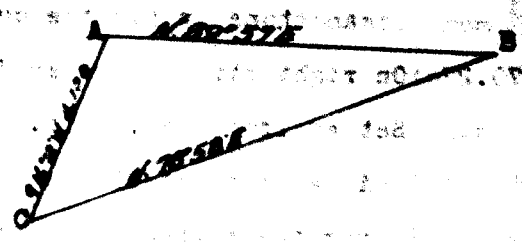
1927

	Land, broken slopes of barren sandstone, general exposure west; drainage NW. and SW. into the river.
	Soil, light sandy loam, very shallow, considerable exposed bedrock.
	Timber, none.
	Undergrowth, sagebrush and shad-scale.
	Poor grazing.

	N. 89°57' E., on random line between secs. 13 and 24. Impracticable to run line parallel to the S. boundary of sec. 24.
7.59	High sandstone rims and ledges make chaining to the E. of this point impracticable, I therefore triangulate as follows. Designate this point as 'A' and set flag 'B' on line to the E. From 'A' survey base line 'A'-'C',

Chains

S. 16°12' W., 4.1000 chs. to edge of sim. From 'C' t
flag at 'B' bears N. 79°58' E. All angles determined
by three repetitions.



Distance on line to 'A' 7.59 chs.

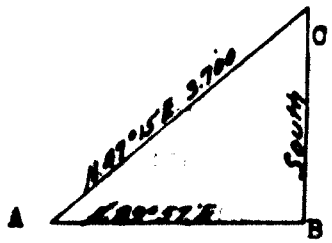
Distance by triangulation

A' to 'B' 19.13 chs.
26.72 chs.

26.72 To point 'B' of traingulation.

[illegible] Set temp. witness cor. to the ¼ sec. cor.

[illegible] The line to the E. of this point passes over ledges over which chaining is impracticable, I therefore triangulate as follows. Designate this point 'A' and point 'B' on line to the E. at the mean high water mar of the San Juan River. From 'A', survey base line 'A'a'C', N. 47°15' E., 3.700 chs. From 'C', point 'B' bears South. All angles determined by three repetition

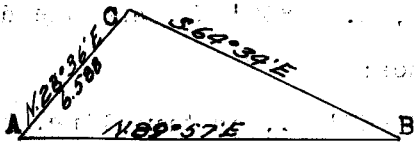


Distance on line to 'A' 42.79 chs.

Distance by triangulation 2.72 chs.
45.51 chs.

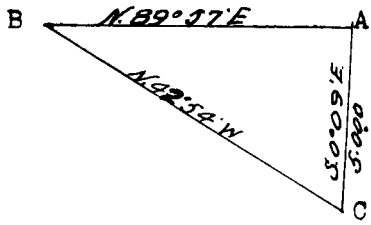
45.51 To point 'B' of triangulation at the mean high water mark on the right bank of the San Juan River. To determine the distance across the river, I triangulate as follows. Designate the 42.79 chs. point 'A' and and set flag 'B' on line to the E. From 'A', survey base line 'A'-'C', N. 23°36' E., 6.858 chs. From 'C', the flag at 'B' bears S. 64°34' E. All angles determined by three repetitions.

Chains



Distance on line to 'A'	42.79 chs.
Distance by triangulation	15.31 chs.
	58.10 chs.

58.10 To point 'B' of triangulation, on top of the left rim of the San Juan River. The line to the W. of this point passes over ledges over which I am unable to chain. To determine the distance to the mean high water mark on the left bank of the San Juan River, I triangulate as follows. Designate this point as 'A' and erect flag 'B' on line to the W. From 'A', survey a base line 'A'-'C', S. 0°09' E., 5.00 chs. dist. From 'C', 'B' bears N. 42°54' W. All angles determined by three repetitions.



Distance on line to 'A'	58.10 chs.
Distance by triangulation	4.63 chs.
Distance on line to 'B'	53.47 chs.

Thence, from the 58.10 chs. point, I continue N. 89°57'E.

75.36 The line to the E. of this point passes over broken ledges over which I am unable to chain, I therefore offset as follows.

South, 7.92 chs. dist.

N. 89°57' E., 5.36 chs. dist. to:

79.66 Intersect the witness cor. to the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, which is South, 7.92 chs. dist. from the true point for the cor. of said secs. Cor. is an iron post, 2 ins. diam., set, marked and witness as described in the field notes of the the survey of T. 40 S., R. 15 E.

The bearing of the line bet. secs. 13 and 24, therefore

Chains	
	is, S. 89°57' W., and the distance is 79.66 chs.
	Thence:
	S. 89°57' W., on true line, bet. secs. 13 and 24.
	The true point for the cor. of secs. 13, 18, 19, and 24, is inaccessible and the line to the W. of this point, ascends over broken ledges, I therefore commence at the witness cor. to the cor. of said secs. and run on offset line as follows.
	S. 89°57' W., 4.36 chs. dist.
	North, 7.92 chs. dist. to:
4.36	Point on true line at the top of the left rim of the San Juan River, bears NW. and SE.; thence ascend over broken land through scant undergrowth.
21.56	On broken NW. slope on left rim of the San Juan River, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, over a cross cut in solid rock, for the witness meander cor. of secs. 13 and 24, on the left bank of the San Juan River, with brass cap marked
	WC / T40S S13 / MC / S24 R14E
	1925
26.19	Intersect the mean highwater mark on the left bank of the San Juan River and true point for the meander cor. This point falls on sloping sandstone where the cor. can not be perpetuated. Thence across river.
34.15	Intersect the mean high water mark on the right bank of the San Juan River and true point for the meander cor. This point falls on sloping sandstone where the cor. can not be perpetuated. Ascend abruptly over ledges.
39.83	True point for the ¼ sec. cor. falls on inaccessible ledge.
40.70	On top of high ledge bearing NW. and E., about 350 ft. above the river.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, over a cross cut in solid rock, for the witness cor. to the ¼ sec. cor. and also for the witness cor. to the meander cor. secs. 13 and 24, with brass cap marked:
	¼ S13 / WC / S24 / WMC
	1925
	Thence over broken ledges.

Chains	
72.00	Rim of the ledges, bears NE. and SW.; thence over broken bench land.
79.66	The cor. of secs. 13, 14, 23, and 24.
	Land, rough and broken slopes of exposed sandstone, numerous high and impassable ledges; general exposure and drainage, S.
	Soil, rocky and very shallow.
	Timber, none.
	Poor grazing land.

	N. 0°01' W., bet. secs. 13 and 14.
	Over rough and broken land through scant undergrowth; desc. 55 ft. along a NW. slope.
37.20	Rocky draw, drains SW.; thence over rolling land; asc. 25 ft. to.
40.00	On a SE. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, over a cross cut in solid rock, for the ¼ sec. cor. of secs. 13 and 14, with a brass cap marked:
	¼ S14 | S13 1927
	Desc. 15 ft. along a gentle NE. slope to:
80.00	On a gentle NE. slope.
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross cut in the solid rock, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked:
	T40S | R14E S11 | S12 S14 | S13 1927
	Land, rough and broken sandstone slopes in the south changing to rolling hills in the north.
	Soil, light, sandy loam, shallow over sandstone bedrock.

Chains

Timber, none.

Undergrowth, black-brush and amole plant.

Fair grazing land.

N. 89°57' E., on random line, bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.59 Intersect the east boundary of the township at a point 9 lks. south of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. dia., properly marked, set and witnessed as described in the official field notes of the survey of T. 40 S., R. 15 E.

Thence:

S. 89°53' W., on true line bet. secs. 12 and 13, over rough bench land, through scant undergrowth; desc. 30 ft. along a W. slope.

39.79½ On a W. slope.

Set an iron post, 3 ft. long, and 1 in. in dia., 12 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor., with brass cap marked:

$$\frac{1}{4}\ \frac{S12}{S13}$$

1927

Deposit a sandstone 7 x 5 x 3 ins., marked with a cross (X) at the base of the post.

Desc. 30 ft. along a NW. slope to:

58.50 Draw, drains SW.; asc. 30 ft. along a SE. slope.

68.50 Spur, proj. SW.; desc. 70 ft. along a NW. slope.

79.59 The cor. of secs. 11, 12, 13, and 14.

Land, broken bench land, general W. exposure and drainage.

Soil, gravelly to sandy loam, 3rd rate.

Timber, none.

Undergrowth, black-brush and amole plant.

Fair grazing .

Chains	
	N 0°01' W between secs. 11 and 12.
	Over rocky land, through scant undergrowth, desc. 60 ft. along a NW slope.
27.00	Draw, drains SW, thence along an E slope.
32.00	Same draw, drains SE, asc. along a gentle SW slope.
40.00	On a gentle SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 6 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 11 and 12, with a brass cap marked:
	¼ S11 | S12 1928
	Deposit a sandstone, 4 x 4 x 4 ins., marked with a cross (X) at the base of the post.
	Asc. 20 ft. along a SW slope to,
48.00	Low spur, proj. W about 5 chains, asc. along a general S slope
55.20	Same draw as at 27.00 chains, drains SW.
64.40	Recross draw, drains SE from NE, asc. 30 ft. along a gentle SE slope,
80.00	On a gentle SE slope,
	Set an iron post, 3 ft. long and 2 ins. in dia. 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 1, 2, 11 and 12, with a brass cap marked:
	T40 S R14E S 2 | S 1 S11 | S12 1928
	Land, gently rolling hills, general S. exposure and drainage.
	Soil, sandy loam, 2nd rate.
	Timber, none,
	Undergrowth, black-brush and buckbrush.
	Fair grazing.

Chains.	
	N 89°53' E between secs. 1 and 12, on a random line.
40.00	Set antemp. ¼ sec. cor.
79.58	Intersect the cor. of secs. 1, 6, 7 and 12 on the east boundary of the township, which is an iron post 2 ins. in dia., properly marked; set and witnessed as described in the official field notes of the survey of T 40 S, R 15 E,
	Thence,
	S 89°53' W on true line bet. secs. 1 and 12, over gently rolling land, through scant undergrowth, desc. along a gentle NW slope,
20.10	Small draw, drains SW, asc. along a gentle SE slope,
39.79	On a gentle SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia. 18 ins. in the ground and in a mound of stone, for the ¼ sec. cor. of secs. 1 and 12, with a brass cap marked:
	¼ S 1 / S12 1928
	Deposit a sandstone, 6 x 6 x 5 ins., marked with a cross (X) at the base of the post.
	Asc, along a gentle SE slope,
49.50	Low ridge, bears NE and SW, desc. along a gentle NW slope,
65.50	Shallow draw, drains SW, asc. along a gentle SE slope,
79.58	The cor. of secs. 1, 2, 11 and 12.
	Land, gentle slopes of sand, general S exposure and drainage.
	Soil, sandy loam, 2nd rate.
	Timber. none.
	Undergrowth, sagebrush, and black-brush.
	Fair grazing.

Chains	
	N 0°01' W, on a random line between secs. 1 and 2.
40.00	Set a temp. ¼ sec cor.,
79.79	Intersect the north boundary of the township at a point 42 lks. east of the cor. of secs. 1, 2, 35 and 36, here-in-before described.
	Thence,
	S 0°19' E, on a true line between secs. 1 and 2, over rocky and rolling land, through scant undergrowth, along a general E slope.
.90	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
39.79	On an E slope,
	Set an iron post, 3 ft. long and 1. in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. of secs. 1 and 2, with a brass cap marked:
	¼ S 2 | S 1 1928
79.79	The cor. of secs. 1, 2, 11 and 12.,
	Land, gently rolling hills in the south and becoming more rugged and rocky in the north; general E exposure and drainage.
	Soil, sandy to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, black brush, mountain rush and amole plant.
	Fair grazing

	Beginning at the standard corner of secs. 34 and 35, on the south boundary of the township and which is an iron post, 2 ins. in dia., firmly set and marked and witnessed as described in the notes of the survey of T 41 S, R 14 E, ,
	Thence,
	N 0°01' W, on true line, between secs. 34 and 35, over

Chains	
	rough and broken land, through medium undergrowth, desc. along a NW slope to
10.00	Small draw, drains W, asc. 95 ft. over a S slope to
32.00	Low ridge, bears E and W, desc. 20 ft. along a N slope to
40.00	On a N slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 34 and 35, with a brass cap marked:

$\frac{1}{4}$

S34 | S35

1925

Deposit a sandstone, 9 x 8 x 6 ins., marked with a cross (X) at the base of the post.

Desc. 135 ft. along a NW slope to draw

44.20	Sandstone mass, extends to the west from about 1 chain east of line. Mass about 25 ft. high.
50.50	Rim, about 10 ft. high, bears E and W.
59.80	Draw, drains W, thence along a general W slope.
80.00	On a W slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins in a mound of stone, over a cross (X) cut in solid sandstone, for the cor. of secs. 26, 27, 34 and 35, wi with a brass cap marked:

T40SR14E

S27 | S26

S34 | S35

1925

Land, broken bench, general W exposure and drainage.

Soil, gravelly to rocky loam, 3rd rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

Chains	
	East on a random line, between sections 26 and 35.
40.00	Set a temp. ¼ sec. cor.
80.00	Intersect the north and south line 05 lks. north of the cor. of secs. 25, 26, 35 and 36,
	Thence,
	N 89°58' W on true line between secs. 26 and 35, over rough broken land, through medium undergrowth, asc. along a NE slope to,
18.90	Ridge, bears N and S, desc. 95 ft. along a NW slope.
40.00	On a NW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the ¼ sec. cor. of secs. 26 and 35, with a brass cap marked:
	¼ S26 / S35 1925
	Desc. 50 ft. along a W slope.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, rough and broken bench land, general N exposure and drainage.
	Soil, gravelly to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, black-brush, amole plant and mountain rush.
	Fair grazing.

	N 0°01' W on true line between secs. 26 and 27, over broken land, through medium undergrowth, along a general W slope.
4.00	Small draw, drains W, continue along a W slope.
15.00	Small rocky draw, drains W, thence along a NW slope.
40.00	On a NW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins.

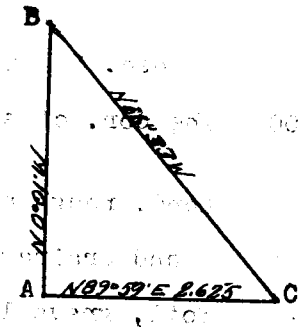
Chains.

in a mound of stone, over a cross (X) cut in exposed surface rock, for the ¼ sec. cor. of secs. 25 and 26 with a brass cap marked:

¼
S27 | S26
1925

Continue along a gentle NW slope.

64.59 Point on S rim of canyon draining W, canyon rim bears W and E, ledges to the north render chaining impracticable, I therefore triangulate as follows, set flag 'A' at this point and flag 'B' on line to the north on the right rim of the canyon and left, upper, rim of the San Juan River Canyon, from 'A' survey a base line 'A'-'C', N 89°59' E, 2.625 chains, longer base impracticable because of ledges immediately east of this point. From 'C' the flag at 'A' bears N 11°37' W, all angles checked by three repetitions.



Distance on line to 'A'	64.59
Distance by triangulation	12.79
Distance on line to 'B'	77.38

70.00 Approx. dist. bottom of canyon crse NW. 150 ft. below rim.

77.38 Triangulation point on south rim of the San Juan River Canyon, bears E and W, desc. along a NW slope

80.00 On a NW slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the cor. of secs. 22, 23, 26 and 27, with a brass cap marked:

T40S R14E
S22 | S23
S27 | S26
1925

Land, rough and broken bench bordering the San Juan River, general NW exposure and drainage.

Chains	
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, black-brush, amole plant and mountain rush.
	Fair grazing.

	S 89°58' E on a random line between secs. 23 and 26.
40.00	Set a tem. ¼ sec. cor.
80.08	Intersect the north and south line at a point 02 lks. north of the cor. of secs. 23. 24, 25 and 26, heretofore described,
	Thence,
	N 89°57' W on true line between secs. 23 and 26, over broken land, through medium undergrowth, desc. along a NW slope 160 ft. to,
40.04	In a small draw draining NW,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the ¼ sec. cor. of secs. 23 and 26, with a brass cap marked:
	¼ S23 / S26 1925
	Continue along a gentle NW slope.
65.30	Small rocky draw, drains SW, desc. along a NW slope to.
80.08	The cor. of secs. 22, 23. 26 and 27.
	Land, rough and broken slopes on the edge of the San Juan River, general NW exposure and drainage.
	Soil, rocky, 4th rate,
	Timber, none.
	Undergrowth, black-brush, amole p lant and mountain rush.
	Fair grazing.

Chains

N 0°01' W, on true line between secs. 28 and 33, over rough broken ledges bordering the San Juan River, through scant undergrowth, desc. along a NW slope.

13.60 Large sandstone boulder, about 100 ft. east and west and 20 ft. high.

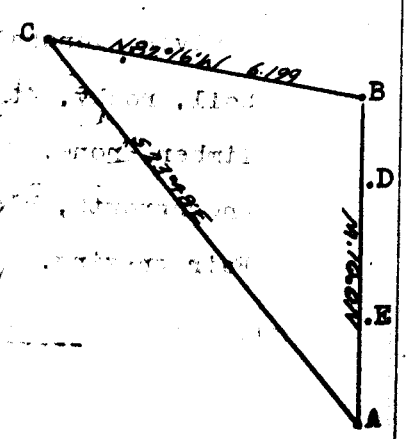
16.38 On a high rim bearing NE. and NW. overlooking the left bank of the San Juan River,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid rock for the witness corner to the meander corner for secs. 22 and 23 on the left bank of the San Juan River, with a brass cap marked:

WC
MC
S22 | S23
T40S | R14E
1925

High ledges immediately north of the witness meander corner render furthur chaining impracticable, to obtain distance across the river and to the true points for the meander corners I proceed as follows. Designate this point as 'A' and set a flag 'B' on line to the north and on the right, upper, rim of the San Juan River. From 'B' set flags 'D' and 'E' on mean high water on the right and left banks of the river, respectively. From 'B' survey a base line 'B'-'C', N 82°16' W, 6.199 chains. From 'C' the flag at 'A' bears S 23°48' E, All angles determined by three repetitions. The flags on mean high water mark on the two banks of the river are not visible from 'C'.

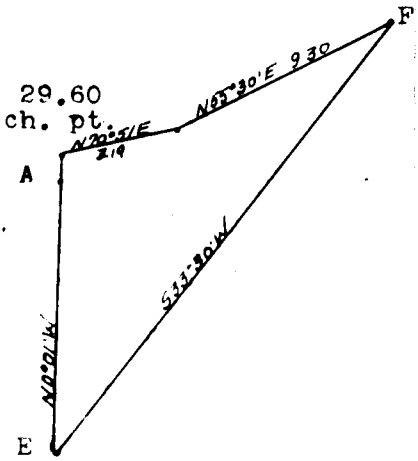
Distance on line to 'A'	16.38
Distance by triangulation	13.10
Distance on line to 'B'	29.48
By chaining	.12
	29.60



Chains

29.60 Point for the witness meander corner, hereinafter described.

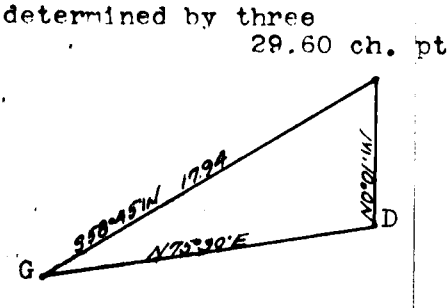
From this point survey a base, by traverse, by which to determine distance to the flag 'E' on mean high water on the left bank of the river. Base line traverse: N 70°51' E, 3.19 chains, thence N 55°30' E, 9.30 chains to a point 'F', from which 'F' bears S 33°30' W. Note: Point 'D' on the right bank is not visible from this point.



Distance on line 29.60
Distance by triangulation -9.82
Distance on line to 'F' 19.78

19.78 Triangulation point on mean high water mark on the left bank of the San Juan River, and the true point for the meander corner; this point falls on steeply sloping sandstone ledge where the corner may not be perpetuated.

There being no practical location for a base line to triangulate across the river at this point I return to the point at 29.60 chains, and from that point survey a base S 58°45' W, 17.94 chains to a point 'G', from which flag 'D' on mean high water on the right bank bears N 75°30' E. All angles determined by three repetitions.



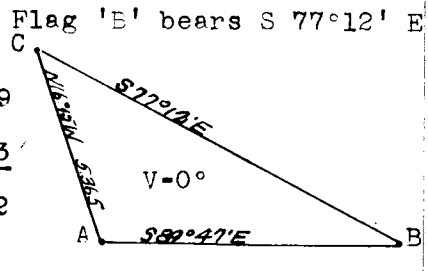
Distance on line 29.60
Distance by triangulation -5.34
Distance on line to 'D' 24.26

24.26 Triangulation point on mean high water mark on the right bank of the San Juan River, and the true point for the meander corner; this point falls on steeply sloping sandstone ledge where the corner may not be perpetuated.

Chains	Observations
	E. and W.
29.60	On the upper, right, rim of the San Juan River bearing.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness meander corner for secs. 22 and 23 on the right bank of the San Juan River, with a brass cap marked:
	T40S R14E S22 | S23 WMC 1927
	Thence over broken bench land, through medium undergrowth, asc. 30 ft. along a SE slope.
40.00	On top of a bench,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 22 and 23, with a brass cap marked:
	¼ S22 | S23 1927
	From which,
	A large boulder, marked 'X BO' bears S 39°00' E, 1.52 chs. dist.
	No other bearing object available. Thence over bench land sloping SW.
48.10	Small draw, drains SW.
75.45	Wash, 20 lks. wide and 5 ft. deep, drains SW.
80.00	On a S slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 14, 15, 22 and 23, with a brass cap marked:
	T40S R14E S15 | S14 S22 | S23 1927

Chains	
	Land, rough and broken benches on both sides of the San Juan River, general SW exposure and drainage.
	Soil, gravelly to rocky, 4th rate.
	Timber, none.
	Undergrowth, shad-scale, amole plant and mountain rush.
	Fair grazing.

	S 89°47' E on random line bet secs. 14 and 23, for distance, to signal at cor. of secs. 13, 14, 33, and 24.
40.00	Set a temp. ¼ sec. cor.
58.59	Rim of box canyon, bears N and S. The high ledges forming the walls of the canyon make chaining impracticable, I therefore triangulate as follows; designate this point as 'A' and the cor. of secs. 13, 14, 23 and 24, which bears S 89°47' E, as 'B', from 'A' survey a base 'A'-'C' N 16°15' W. 5.365 chains. Flag 'B' bears S 77°12' E. from 'C'



Distance on line to 'A'	58.59
Distance by triangulation	21.53
Distance on line to 'B'	80.12

80.12	Intersect the cor. of secs.13, 14, 23 and 24, heretofore described,
	Thence, ,
	N 89°47' W on true line between secs. 14 and 23, over rough and broken land, numerous sandstone outcrops, through medium undergrowth, desc. a ong a SW slope.
4.00	Approx. dist. Rim of canyon, about 250 ft. deep, bears N and S.
11.00	Approx. dist. Bottom of canyon, drains S.
21.53	West rim of canyon thence over broken bench land facing SW.
40.06	On a SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid

Chains	
	surface rock, for the ¼ sec. cor. of secs. 14 and 23, with a brass cap marked:
	¼ S14 / S23 1927
	Continue over a general SW slope.
71.10	Draw, drains SW, thence along a S slope.
80.12	The cor. of secs. 14, 15, 22 and 23.
	Land, rough and broken benches, numerous sandstone outcrops. general SW exposure and drainage.
	Soil, rocky to sandy loam, 2nd rate.
	Tinber, none,
	Undergrowth, buckbrush, shad-scale and amole plant.
	Fair grazing.

	N 0°01' W on true line between secs. 14 and 15, over broken land, through medium undergrowth, along a gentle S slope.
40.00	On a gentle W slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground to solid rock and in a mound of stone, for, the ¼ sec. cor., with a brass cap marked:
	¼ S15 | S14 1927
	Deposit a sandstone, 8x 7x 6 ins., marked with a cross (X) at the base of the post.
40.20	Small draw, drains SW.
48.50	Iraw, drains SW from the N, line follows along the bottom of the draw.
55.30	Leave draw, drains S from the NE, thence along a S slope.
80.00	On a S slope,
	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in

Chains

the ground to solid rock and in a mound of stone, for the cor. of secs. 10, 11, 14 and 15, with a brass cap marked:

T40S R14E
S10 | S11
S15 | S14
1927

Deposit a sandstone, 6 x 5 x 5 ins., marked with a cross (X) at the base of the post.

From the cor. point a small seep of good water bears S 58°30' E, about 15.00 chains distant.

Land, broken bench, numerous sandstone outcrops, general SW exposure and drainage.

Soil, shallow sandy loam, 2nd rate.

Timber, none.

Undergrowth, black-brush, amole plant and mountain rush.

Fair grazing.

S 89°47' E on a random line between secs. 11 and 14.

40.00 Set a temp ¼ sec. cor.

80.20 Intersect the north and south line at a point 12 links north of the cor. of secs. 11, 12, 13 and 14, heretofore described,

Thence,

N 89°42' W on true line between secs. 11 and 14, over rough bench land, through medium undergrowth, along a general SW slope.

15.60 Wash, 50 links wide and 10 ft. deep, drains SW.

40.10 On a SW slope,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, for the ¼ sec. cor., of secs. 11 and 14, with a brass cap marked:

S11
¼
S14
1927

Chains

At the exact corner point cut a cross (X) in solid surface rock.

Continue along a SW slope.

76.30 Wash, 40 links wide and 10 ft. deep drains SW, thence along a S slope.

80.20 The cor. of secs. 10, 11, 14 and 15.

Land, rough and broken bench. facing SW, general SW exposure and drainage

Soil, sandy to gravelly loam, 3rd rate

Timber, none.

Undergrowth, black-brush, mountain rush and amole plant.

Fair grazing.

N 0°01' W on true line between secs. 10 and 11, over a gently sloping bench, through medium undergrowth, asc. along a gentle SW slope.

40.00 On a gentle SW slope,

Set an iron post, 3 ft. long and 1 in. in dia , 20 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor of secs. 10 and 11, with a brass cap marked:

¼

S10 | S11

1928

Deposit a sandstone, 5 x 5 x 4 ins. at the base of post.

68.00 Rocky draw, drains SW.

80.00 On a SW slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross cut in solid rock, for the cor. of secs. 2, 3, 10 and 11, with a brass cap marked:

T40S R14E

S 3 | S 2

S10 | S11

1928

Chains	
	Land, rough bench, general SW exposure and drainage.
	Soil, sandy to gravelly loam, 2nd rate.
	Timber, none.
	Undergrowth, shadscale, black brush and amole plant.
	Fair grazing.

	S 89°42' E, on a random line, between secs. 2 and 11.
40.00	Set a temp. ¼ sec. cor.
80.24	Intersect the north and south line at a point 19 links south of the cor. of secs. 1, 2, 11 and 12, heretofore described.
	Thence, N 89°50' W, on true line, between secs. 2 and 11 over gently sloping bench land, through medium undergrowth, desc. along a gentle SW slope to.
40.12	On a gentle SW slope.
	Set an iron post, 3 ft. long and 1 in. in dia., 20 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 2 and 11, with a brass cap marked:
	¼ S 2 / S 11 / 1928
	Deposit a sandstone, 5 x 5 x 4 ins., marked with a cross (X) at the base of the post.
	Continue along a SW slope.
70.20	Draw, drains SW.
80.24	The cor. of secs. 2, 3, 10 and 11.
	Land, rough and broken bench, general SW exposure.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, black brush, amole plant and mountain rush.
	Fair grazing.

Chains	
	N 0°19' W. on a random line, between sections 2 and 3.
40.00	Set a temp. ¼ sec. cor.
80.04	Intersect the north boundary of the township at a point 21 links west of the corner of sections 2, 3, 34 and 35, heretofore described, thence,
	S 0°10' E, on true line, between sections 2 and 3, over rocky land, through medium undergrowth, desc. along a gentle S slope.
40.04	On a gentle S slope.
	Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground to solid rock and in a mound of stone. for the ¼ section corner of sections 2 and 3, with a brass cap marked:

¼

S3 | S2

1928

Deposit a sandstone, 5 x 4 x 4 ins., marked with a cross (X) at the base of the post.

69.10	Trail, bears NE and SW, Collin's Cave to Clay Hill crossing
80.04	The corner of sections 2, 3, 10 and 11.
	Land, lower edge of talus slope from a high mesa to the west, general S exposure and drainage.
	Soil, gravelly to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, black brush and mountain rush.
	Fair grazing.

Beginning at the true point for the standard corner of sections 33 and 34 on the south boundary of the township, which is an iron post 2 ins. in dia., firmly set, properly marked and witnessed as described in the notes of the survey of T 41 S, R 14 E. and is W., 50 lks. from true cor. point.

Thence.

N 0°02' W, on true line, between sections 33 and 34, over

Chains	
	broken sandstone surface rock, through medium under-growth, desc. along a N slope
1.00	Wash, 20 lks. wide and 10 ft. deep, drains NW, asc. 25. feet over a rocky S slope.
12.40	Point of spur, projects W, desc. 45 ft. along a NW slope
15.00	Draw, drains W, asc. 45 ft. over a S slope
40.00	On broken sandstone surface rock,
	Set an iron post, 3 ft. long and 1 in. in dia., 36 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. of secs. 33 and 34, with a brass cap marked:

¼
S33 | S34
1925

Chains	
	Continue over broken and barren sandstone.
71.00	Shallow draw, drains N 60° W.
80.00	On barren sandstone,
	Set an iron post, 3 ft. long and 2 ins. in dia., 36 ins. in a mound of stone, over a cross (X) cut in solid rock, for the cor. of secs. 27, 28, 33 and 34, with a brass cap marked:

T40S R14E
S28 | S27
S33 | S34
1925

Land, rough and broken slopes with exposed sandstone, general NW exposure and drainage.

Soil, shallow sandy loam in depressions. 2nd rate,

Timber, none.

Undergrowth, black-brush and mountain rush

Fair grazing.

Chains	
	East on a random line between secs. 27 and 34.
40.00	Set a temp. ¼ sec. cor.
79.84	Intersect the north and south line at a point 5 links south of the cor. of secs. 26, 27, 34 and 35, heretofore described,
	Thence,
	S 89°58' W, on true line between secs. 27 and 34, over rough and broken land, through scant undergrowth, along a SW slope,
17.59	Draw, drains NW, thence along a general W slope.
32.80	Recross draw, drains SW.
39.92	On a gentle SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 36 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. of secs. 27 and 34, with a brass cap marked:
	¼ S27/S34 1925
43.80	Recross draw, drains NW.
59.50	Spur, projects N about 1.00 chain.
67.30	Recross draw, drains SW.
71.60	Recross draw, drains NW.
79.84	The cor. of secs. 27, 28, 33 and 34.

Land, rough and broken bench, general W exposure and drainage.

Soil, shallow sand in the bottoms. 3rd rate.

Timber, none.

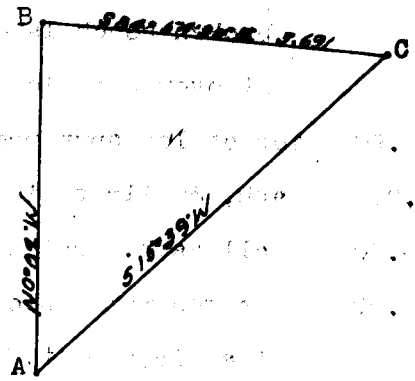
Undergrowth, black-brush and mountain rush.

Poor grazing.

Chains	
	N 0°02' W on true line between secs. 27 and 28, over broken bench land, through scant undergrowth, asc. 10 ft over a S slope,
.90	Top of low spur projecting W, desc. 30ft. over a N slope
9.00	Wash, 30 links wide and 5 ft. deep, drains W.
13.00	Small wash, drains SW.
40.00	On a general N slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 28 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 27 and 28, with a brass cap marked:
	¼ S28 | S27 1925
	Desc. 150 ft. over a N slope.
61.25	On the left, upper, rim of the San Juan River Canyon, bears E. and W.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the meander corner of secs. 27 and 28 on the left bank of the San Juan River, with a brass cap marked:
	WC MC S28 | S27 T40SR14E 1925
	Line to the north descends over precipitous ledges bordering the San Juan River and over which chaining is impracticable, mean high water mark on line on the two banks is not visible from this point. To determine distance across the river I triangulate as follows; designate this point as 'A' and set flag 'B' on line to the north on the right rim of the river, then from 'B' survey a base line 'B'-'C' S 84°54'30" E, 3.691 chains. From 'C' the flag at 'A' bears S 15°39'00" W. All angles determined

Chains	
	by three repetitions.

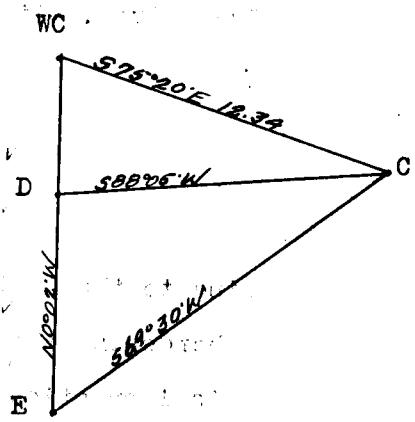
Distance on line to 'A' 61.25
Distance by tri-
angulation 13.42
Distance on line to 'B' 74.67



74.67 Triangulation point on right rim of the San Juan River Canyon, bears E. and W.; thence by return measurement.

71.49 Point for the witness corner to the meander corner of secs. 27 and 28 on the right bank of the river, hereinafter described. From this point the mean high water marks on line, on both banks of the river, are visible. To determine distance to them I triangulate as follows: Set flags 'D' and 'E' on the right and left banks, respectively and from the witness corner survey a base line S 75°20' E, 12.34 chains to 'C', from 'C' the flags at 'D' and 'E' bear S 88°05'W and S 69°30' W, respectively. All angles determined by three repetitions.

Distance on line to WC 71.49
Distance by triangulation
to point 'D' 3.52
Distance on line to 'D' 67.97
Distance by triangulation
to point 'E' 7.59
Distance on line to 'E' 63.90



63.90 Intersect the mean high water mark on the left bank of the San Juan River, true point for the meander corner falls on sloping sandstone, where the corner may not be established.

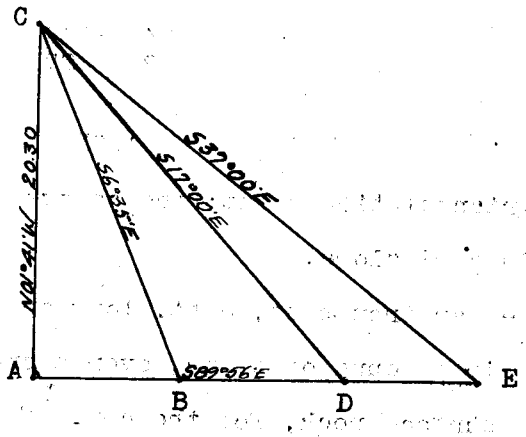
67.97 Intersect the mean high water mark on the right bank of the San Juan River, point for the meander corner falls on sloping sandstone, where the corner may not be established.

Chains	
71.49	On a high bank of sandstone, about 150 ft. above the river, bears E. and W.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the meander corner of secs. 27 and 28 on the right bank of the San Juan River, with a brass cap marked:
	T40SR14E S28 | S27 WMC 1927
74.67	Triangulation point; thence over broken and rocky S slope.
80.00	On a SE slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 21, 22, 27 and 28, with a brass cap marked:
	T40SR14E S21 | S22 S28 | S27 1927
	Land, rough and broken benches on the N and S sides of The San Juan River.
	Soil, rocky to gravelly loam, 3rd rate.
	Timber, none.
	Undergrowth, black-brush and amole plant.
	Fair grazing.

	S 89°56' E on a random line, between secs. 22 and 27. to visible signal at cor. secs. 22, 23, 26, and 27.
40.00	Set a temp ¼ sec. cor
64.94	Line to the east passes over the inaccessable breaks and ledges along the San Juan River over which chaining is impracticable, to determine distance to the cor. of secs. 22 23, 26 and 27 and to the right and left banks of the river, I triangulate as follows, desig-

Chains

nate this point as 'A', set flags 'B','D' and 'E' on line to the east on the right and left banks of the river and on the cor. of secs. 22, 23, 26 and 27 respectively, from 'A' survey a base line 'A'-'C' N 01°41' W, 20.30 chains, from 'C' the flags at 'B', 'D' and 'E' bear S 6°35' E, S 17°00' E, and S 37°00' E, respectively All angles checked by three repetitions.



	Distance on line to 'A'	64.94
	Distance by triangulation 'B'	1.75
66.69	Distance on line to 'B'	66.69
	Distance by triangulation 'D'	5.61
70.55	Distance on line to 'D'	70.55
	Distance by triangulation 'E'	14.71
79.65	Distance on line to 'E'	79.65

79.65 Intersect the cor. of secs. 22, 23, 26 and 27, heretofore described,

Thence,

N 89°56' W on true line between secs. 22 and 27, over rough and broken ledges and barren sandstone along the rim of the San Juan River Canyon, desc. along a NW slope.

1.67 On upper rim of river, bearing N. and SE. ,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the meander corner of secs 22 and 27, on the left bank of the San Juan River, with a brass cap marked:

Chains	
	T40S S22 WC MC S27 R14E 1925
9.10	Intersect the mean high water mark on the left bank of the San Juan River: true point for the meander corner falls on steeply sloping sandstone where the corner may not be established.
12.96	Intersect the mean high water mark on the right bank of the San Juan River; true point for the meander corner falls on steeply sloping sandstone where the corner can not be established.
14.71	On a high rim bearing NW. and SE. about 250 ft. above the river,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the meander corner of secs. 22 and 27 on the right bank of the San Juan River. with a brass cap marked:
	T40S S22 WMC S27 R14E 1927
	Thence along a general S slope, through scant undergrowth and a shallow, sandy soil.
39.82½	On a S slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 22 and 27, with a brass cap marked:
	¼ S22 S27 1927
71.25	Wash, 20 links wide and 5 ft. deep, drains SW
79.65	The cor. of secs. 21, 22, 27 and 28:
	Land, in the east portion, barren sandstone and in the west a broken bench, general S exposure and drainage.

Chains

Soil, shallow sandy loam, 2nd rate.

Timber, none.

Undergrowth, black-brush and amole plant,

Poor grazing.

N 0°02' W on true line between secs. 21 and 22, over rocky and broken bench, through scant undergrowth, along a general W slope.

27.80 Wash, 30 links wide and 10 ft. deep, drains NW for about 4.00 chains and thence SW, continue along a SW slope.

40.00 On a SW slope,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of sesc. 21 and 22, with a brass cap marked:

¼
S21 | S22
1927

45.20 Small draw, drains SW, continue along a SW slope.

60.40 Small draw, drains SW, continue along a SW slope.

80.00 On a SW slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 15, 16, 21 and 22, with a brass cap marked:

T40SR14E
S16 | S15
S21 | S22
1927

Land, rough, rocky bench, general SW exposure and drainage

Soil, shallow sandy loam, 3rd rate.

Timber, none.

Undergrowth, black-brush and amole plant.

Poor grazing.

Chains.	
	S 89°56' E on a random line between secs. 15 and 22.
40.00	Set a temp. ¼ sec. cor.
79.80	Intersect the north and south line at a point 9 links south of the cor. of secs. 14, 15, 22 and 23, heretofore described,
	Thence,
	West on true line between secs. 15 and 22 over broken bench land, through scant undergrowth, a long a SW slope.
39.90	On a SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. with a brass cap marked:
	¼ S15 / S22 1927
	Continue along a SW slope.
55.40	Draw, drains SW, asc. 50 ft. along a SE slope.
63.10	Spur, projects SW, desc. along a SW slope.
79.80	The cor. of secs, 15, 16, 21 and 22.
	Land, rocky bench with numerous sandstone outcrops, general SW exposure and drainage.
	Soil, shallow sandy loam, 3rd rate.
	Timber, none.
	Undergrowth, black-brush and amole plant.
	Poor grazing.

	N 0°02' W on true line between secs. 15 and 16, over rough and broken land, through scant undergrowth, along a W slope.
1.00	Small draw, drains SW.
40.00	On a SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 8 ins. in the ground to solid rock and in a mound of stone,

Chains.

for the ¼ sec. cor. of secs. 15 and 16, with a brass cap marked:

¼
S16 | S15
1927

Deposit a sandstone, 6 x 3 x 3 ins., marked with a cross (X) at the base of the post.

Desc. 65 ft. along a NW slope

40.00 Draw, drains S from the north, thence along bottom.

50.00 Work in draw, from the NE and N, continue along bottom.

55.00 Leave draw, drains S from the NW.

60.00 Draw, drains S.

70.00 Pass 15 links wide, 3 ft. deep, drains SE.

80.00 On a slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 10 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 9, 10, 15 and 16, with a brass cap marked:

T40SR14E
S 9 | S10
S16 | S15
1927

Deposit a sandstone, 7 x 5 x 5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken bench, general SW exposure and drainage.

Soil, sandy to gravelly loam, 3rd rate.

Timber, none.

Undergrowth, black-brush, amole plant and mountain rush.

Poor grazing.

Start on a random line between secs. 10 and 15

40.00 Set a temp ¼ sec. cor.

79.65 Intersect the north and south line at a point 11 links

Chains	
	north of the cor. of secs. 10, 11, 14 and 15, heretofore described,
	Thence,
	N 89°55' W on true line between secs. 10 and 15, over broken land, through medium undergrowth, asc. 25 ft. along a SE slope.
10.20	Low ridge, bears N and S, desc. 65 ft. along a SW slope.
39.82½	On a SW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 10 and 15, with a brass cap marked :
	¼ S10 / S15 1927
	Desc. 45 ft. along a SW slope.
50.90	Draw, drains SW, thence along a S slope.
57.20	Wash, 20 limks wide, 5 ft. deep, drains S 30° W,
69.00	Small wash, drains SW.
79.65	The cor. of secs. 9, 10, 15 and 16.
	Land, rough and broken slopes at the foot of a talus slope, general S exposure and drainage.
	Soil, sandy to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, black-brush and amole plant.
	Poor grazing.

	N 0°02' W on true line between secs. 9 and 10, over rocky land, through medium undergrowth, asc. 35 ft. along a SE slope to the ¼ sec. cor.
7.00	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
40.00	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 20 ins.

Chains.

in the ground to solid rock and in a mound of stone for the ¼ sec. cor. of secs. 9 and 10, with a brass cap marked:

¼
S 9 | S10
1928

Deposit a sandstone, 8 x 6 x 6 ins., marked with a cross (X) at the base of the post.

Asc. 45 ft. along a SE slope.

56.00 Slope becomes abrupt, asc. 270 ft. along a SE slope.

71.80 Broad spur, projects E, desc. 30 ft. along a NE slope.

80.00 On a NE slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 24 ins. in the ground to solid rock and in a mound of stone for the cor. of secs. 3, 4, 9 and 10, with a brass cap marked:

T40SR14E
S 4 | S 3
S 9 | S10
1928

Deposit a sandstone, 10 x 10 x 7 ins., marked with a cross (X) at the base of the post.

Land, abrupt slopes at the base of high ledges to the west, general SE exposure and drainage.

Soil, gravelly to rocky loam, 4th rate.

Timber, none.

Undergrowth, shad-scale, mountain rush and amole plant.

Fair grazing.

S 89°55' E on a random line between secs. 3 and 10.

40.00 Set a temp. ¼ sec. cor.

79.72 Intersect the north and south line at a point 9 links south of the cor. of secs. 2, 3 10 and 11, heretofore described,

Chains	
	Thence,
	N 89°59' W, on true line between sections 3 and 10, over broken land, through medium undergrowth, along a general S slope.
8.40	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
32.40	Small draw, drains S, asc. 20 ft. over a SE slope.
39.86	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 14 ins. in the ground to solid rock and in a mound of stone, for the ¼ section corner of sections 3 and 10, with a brass cap marked:
	¼ S 3 / S10 1928
	Deposit a sandstone, 5 x 4 x 3 ins., marked with a cross (X(at the base of the post.
	Asc. 15 ft. along a SE slope
44.70	Low spur, projects S, desc. 30 ft. along a SW slope.
62.70	Draw, drains SE, asc. 65 ft. along a NE slope.
79.72	The corner of sections 3, 4, 9 and 10.
	Land, rough and broken slopes at the base of high ledges to the west, general SE exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shadscale and mountain rush.
	Fair grazing.

	N 0°10' W, on a random line between sections 3 and 4.
40.00	Set a temp. ¼ section corner.
79.94	Intersect the north boundary of the township at a point 9 links east of the corner of sections 3, 4, 33 and 34 heretofore described,
	Thence, S 0°14' E, on true line between sections 3 and 4 over broken slopes of clay and sandstone, through scant undergrowth, desc. 215 ft. to draw.

Chains	
15.00	Vertical clay bank, about 100 ft. high, bears NE and SW.
34.40	Draw, drains SE.
37.85	On top of rim, bears NE. and SW.
	Set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and in a mound of stone for the witness corner to the ¼ section corner of sections 3 and 4, with a brass cap marked:
	¼ S 4 | S3 W C 1928
	Desc. 305 ft. to the section corner.
39.94	True point for the ¼ section corner falls on steep slope of sandstone, where the corner can not be set.
79.94	The corner of sections 3, 4, 9 and 10.
	Land, rough and broken slopes of clay and sandstone, general SE exposure and drainage.
	Soil, rocky clay, 4th rate.
	Timber, none.
	Undergrowth, shadscale and mountain rush.
	Poor grazing.

	Beginning at the standard corner of sections 32 and 33 on the south boundary of the township, described in the notes of the survey of T 41 S, R 14 E, Group 152,
	Thence,
	N 0°03' W, on true line between sections 32 and 33, over rolling and broken land, through medium undergrowth, desc. 150 ft. along a NE slope.
22.50	Top of rim 30 ft. high, bears NW. and SE.
25.00	Draw, drains NW, asc. 20 ft. along a SW slope.
29.00	Rim of a narrow mesa, bears NW and SE, thence over mesa.
40.00	On top of mesa,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ section corner of sections 32 and 33.

Chains	
	with a brass cap marked:
	$\frac{1}{4}$ S32 | S33 1925
	Continue over mesa top.
43.50	North rim of mesa, bears E and W, desc. 90 ft. along a N slope to
48.50	Draw, drains W, asc. 35 ft. along a SW slope.
50.95	Top of rim, bears E. and W.
80.00	On a SW slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 28, 29, 32 and 33, with a brass cap marked:
	T40SR14E S29 | S28 S32 | S33 1925
	Land, broken ledges and rim, general W exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shad-scale and amole plant.
	Fair grazing.

	East on a randon line between secs. 28 and 33.
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect the north and south line at a point 7 links north of the cor. of secs. 27, 28, 33 and 34, heretofore described,
	Thence,
	N 89°57" W, on true line between secs. 28 and 33, over broken bench land, numerous sandstone rims, through scant undergrowth, along a S slope,
33.60	From this point a pool of good water, about 1.00 chain

Chains,

in diameter bears north about 10 chains. The pool is fed by seeps in the bottom, known as Frenchy's Pool.

33.60 Left rim of box canyon, bears NE and SW.

34.00 Bottom of canyon, 30 ft. deep, drains SW.

36.50 Right rim of box canyon, bears NE and SW.

40.07 Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 28 and 33, with a brass cap marked:

$$\frac{1}{4}\ \frac{S28}{S33}\ 1925$$

Asc. 70 ft. along a SE slope.

62.20 Bottom of a series of rims, bearing NE and SW.

67.40 Top of rims, about 40 ft. high, bearing NE and SW.

80.14 The cor. of secs. 28, 29, 32 and 33.

Land, rough and broken bench, general S exposure and drainage.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, shad-scale and amole plant.

Fair grazing.

N 0°03' W, on true line between secs. 28 and 29, over rolling hills, through medium undergrowth, asc. 150 ft. over a S slope.

40.00 On a S slope.

Set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 28 and 29, with a brass cap marked:

$$\frac{1}{4}\ \frac{S29}{S28}\ 1925$$

Chains	
	Deposit a sandstone, 7 x 7 x 6 ins., marked with a cross (X) at the base of the post.
	Asc. 135 ft. over a S slope.
49.30	Ridge bears E and W, desc. 330 ft. along NW and N slopes.
80.00	On a N slope,
	Set an iron post, 2 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 20, 21, 28 and 29, with a brass cap ma rked:

T40SR14E
S20 | S21
S29 | S28
1925

Land, rough and broken slopes bordering the San Juan River, general N exposure and drainage.

Soil, rocky, 4th rate.

Timber, none.

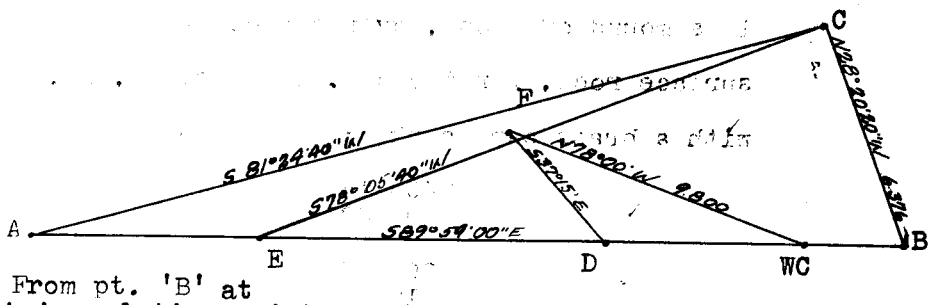
Undergrowth, sagebrush and shad-scale.

Fair grazing.

S 89°59' E, on random line, between secs. 21 and 28, for distance only, to visible signal at the cor. secs. 21, 22, 27, and 28.

6.87 Point on the rim of the San Juan River Canyon overlooking the river. High ledges prevent chaining on line, to obtain distance across the river and to the true points for the meander corners, I triangulate as follows, designate this point as 'A', set flag 'B' on line to the east on the right bank of the river. From 'B' set points 'D' and 'E' on the right and left banks of the river at mean high water. From 'B' survey a base line 'B-C', N 28°20'20" W, 6.376 chains. From 'C' points 'A' and 'E' bear S 81°24'40" W and S 78°05'40" W, respectively. The flag at 'D' is not visible from 'C'

Chains	
	All angles checked by three repetitions.
	Distance on line to point 'A' 6.87
	Distance by triangulation to 'B' 40.10
	Distance on line to point 'B' 46.97
	Distance by triangulation to 'B' to 'E' -29.60
	Distance on line to point 'E' 17.37



From pt. 'B' at triangulation point on right rim of canyon, thence by return measurement., 3.06 chains to

43.91 Set temp WC ¼ sec. cor. From this point survey a base line N 78°00' W, 9.800 chains to a point 'F'. From 'F' flag 'D', noted above, bears S 37°15' E, all angles checked by three repetitions.

Distance on line to point of wit. corner 43.91

Distance by triangulation WC to 'D' -8.04

Distance on line to 'D' 35.87

Return to the witness ¼ sec. cor. thence S 89°59' E by chaining.

80.36 Intersect the cor. of secs. 21, 22, 26 and 27.

Thence,

N 89°59' W, on true line between secs. 21 and 28, over broken bench land, through scant undergrowth, along a general S slope.

33.39 Point 'B' of triangulation bearing NW. and SE.

36.45 On a high ledge/overlooking the San Juan River,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed sandstone for the witness corner to the ¼ sec. cor. of secs. 21 and 28, with a brass cap marked:

Chains	
	WC $\frac{1}{4}$ $\frac{S21}{S28}$ WMC 1927
	Note: The true point for the meander corner of sec. 21 and 28 falls on a steeply sloping ledge of sandstone where the corner can not be perpetuated, therefore the witness corner to the ¼ sec. cor. was marked as a witness corner to the meander corner.
	Desc. a NW slope over sandstone ledges.
40.18	The true point for the ¼ sec. cor. falls on an inaccessible ledge and can not be reached.
44.49	Point 'D'. Intersect the mean high water mark on the right bank of the San Juan River, true point for the meander corner of secs. 21 and 28 falls on steeply sloping sandstone ledge where the corner can not be perpetuated.
62.99	Point 'E'. Intersect the mean high water mark on the left bank of the San Juan River, true point for the meander corner of secs. 21 and 28 falls on steeply sloping sandstone ledge where the corner can not be perpetuated.
73.49	On the top rim of the river canyon, bearing NW. and SE. Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid sandstone, for the witness corner to the meander corner of secs. 21 and 28 on the left bank of the San Juan River, with a brass cap marked:
	T40S S21 WC S28 MC R14E 1925
80.36	The cor. of secs. 20, 21, 28 and 29.
	Land, rough and broken sandstone ledges and rims bordering the river, general W exposure and drainage.
	Soil, shallow sandy loam in depressions 2nd rate.

Chains

Timber, none.

Undergrowth, shad-scale and amole plant.

Poor grazing.

N 0°03' W on true line between secs. 20 and 21, over broken sandstone slopes, through scant undergrowth, desc. along a N slope.

1.04 On a low sandstone ledge, bearing E and W and about 20 ft. above the river.

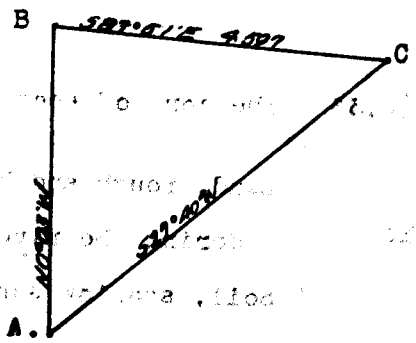
Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed rock, for the witness corner to the meander cor. of secs. 20 and 21 on the left bank of the San Juan River, with a brass cap marked:

WCMC

S 20 | S 21
T40S | R14E
1925

1.54 Intersect the mean high water mark on the left bank of the San Juan River. This point is the true point for the meander corner, but it falls on a steeply sloping sandstone ledge where the corner can not be perpetuated

Chaining across the river at this point being impracticable I return to the point at 1.04 chains and triangulate to the right bank as follows; designate this point as 'A', set flag 'B' on the right bank on line to the north and from 'B' survey a base line 'B-C' S 87°51' E, 4.597 chains. From 'C' the flag at 'A' bears S 27°40' W, all angles checked by three repetitions.



Distance on line to 'A' 1.04

Distance by Triang. 8.92

Distance on line to 'B' 9.96

Chains	
9.96	Triangulation point on the right bank, thence by return measurement
6.59	Intersect the mean high water mark on the right bank of the San Juan River, true point for the meander corner falls on steeply sloping sandstone ledge where the corner can not be perpetuated.
7.45	On a sandstone ledge, about 25 ft. above the river, Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mouhd of stone, over a cross (X) cut in solid rock, for the witness corner to the meander corner of secs. 20 and 21 on the right bank of the San Juan River, with a brass cap marked: T40SR14E S20 | S21 WMC 1927
9.96	Triangulation point, thence over broken land, through medium undergrowth, desc 50 ft. along a NW slope.
31.90	Draw, drains SW, thence along a SE slope.
40.00	On a SE slope, Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid sandstone bedrock, for the ¼ sec. cor., of secs. 20 and 21, with a brass cap marked: ¼ S20 | S21 1927
	Continue along a SE slope.
65.50	Left rim of box canyon, bears NE and SW.
67.50	Bottom of canyon, drains SW, 50 ft. below rim.
68.60	Right rim of Box canyon, bears NE and SW.
80.00	On a SE slope, Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the cor. of secs. 16, 17, 20 and 21, with a brass cap marked:

Chains

T40SR14E

S17	S16
S20	S21

1927

Land, rolling and broken bench, general SE exposure and drainage.

Soil, rocky to gravelly loam, 3rd rate.

Timber, none.

Undergrowth, shad-scale and amole plant.

Poor grazing,

S 89°59' E on a random line between secs. 16 and 21.

40.00 Set a temp. ¼ sec. cor.

40.10 Intersect the north and south line at a point 7 links north of the cor. of secs. 15, 16, 21 and 22, heretofore described.

Thence,

N 89°56' W on true line between secs. 16 and 21, over rough and broken land, through medium undergrowth, desc. along a gentle SW slope.

3.30 Small draw, drains SW, asc. along a SE slope.

10.70 Spur, projects SW, desc. along a W slope.

32.90 Left rim of box canyon, bears NE and SW.

34.30 Bottom of canyon, drains SW, 20 ft. deep.

36.80 Right rim of box canyon, bears NE and SW.

40.05 On a S slope.

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 16 and 21, with a brass cap marked:

¼ S16 / S21

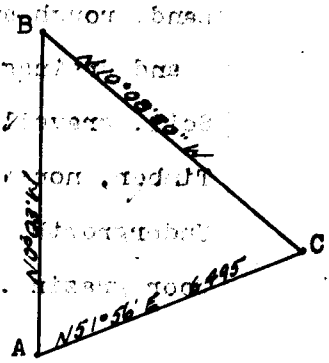
1927

Deposit a sandstone, 5 x 5 x 5 ins. marked with a cross (X) at the base of the post.

Chains	
80.30	Draw, drains SW.
80.10	The cor. of secs. 16, 17, 20 and 21.
	Land, rough and broken bench land, general SE exposure and drainage.
	Soil, gravelly to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, black brush and amole plant.
	Poor grazing.

	N 0°03' W on true line, between secs. 16 and 17, over broken bench land at the base of a high ledge to the west, through scant undergrowth, along a gentle SE slope.
10.00	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
12.80	Wash, 10 links wide and 3 ft. deep, drains SW.
27.10	Wash, 15 links wide and 5 ft. deep drains SW.
34.60	Draw, drains SW.
40.00	On an E slope,
	Set an iron post, 3 ft. long and 1 in. in dia. 30 ins. in a mound of stone, over a cross (X) cut in solid rock, for the ¼ sec. cor. of secs. 16 and 17, with a brass cap marked:
	¼ S17 | S16 1927
	Continue asc. along a SE slope.
41.30	Draw, drains SE, asc. over a S slope.
62.30	Base of high and inaccessible ledges bearing NE and SW over which chaining is impracticable, I therefore return to the ¼ sec. cor. of secs. 16 and 17 and triangulate as follows, designate this point as 'A', set flag 'B' on line to the north and from 'A' survey a base line 'A-C' N 51°56' E, 6.495 chains, from 'C'

Chains	
	the flag at 'B' bears N 10°08'30" W, all angles determined by three repetitions.



Distance on line to 'A'	40.00
Distance by triangulation	32.75
Distance on line to 'B'	72.75

72.75 Triangulation point on point of ledge on top of spur projecting SW, 540 ft. above the ¼ sec. cor.

At this point,

Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid sandstone bedrock, for the witness corner to the cor. of secs. 8, 9, 16 and 17, with a brass cap marked:

WC
T40SR14E
S 8 | S 9
S 17 | S16
1927

80.00 True point for the cor. of secs. 8, 9, 16 and 17 falls on steep slope of loose clay immediately above a ledge about 75 ft. high; where the corner can not be perpetuated.

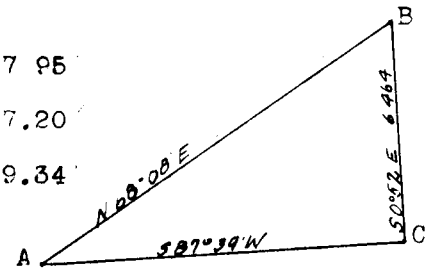
Land, rough and broken slopes at the base of high ledges general SE slope and drainage.

Soil, light clay loam, 3rd rate.

Timber, none.

Undergrowth, shad-scale and amole plant.

Poor grazing.

Chains	
	S 89°50' E. on random line between secs 9 and 16. Impracticable to run parallel to S. bdy. sec. 16. Because of the steep slope on which the true point for the cor. of secs. 8, 9, 16 and 17 is located it is impracticable to occupy that point and I therefore return 7.25 chains S 0°03'E to the witness corner to the cor. of secs. 8, 9, 16 and 17. From this point the corner of secs. 9, 10, 15 and 16 bears N 85°01' E, This indicates a true line course of S 89°50' E. Ledges immediately east of the witness corner make chaining impracticable and I therefore triangulate as follows. designate the witness corner as 'A' and set flag 'B' N 68°08' E, and on true line, then from 'B' survey a base 'B-C',S 0°52' E 6.464 chains. From 'C' the flag at 'A' bears S 87°39' W. All angles determined by three repetitions.
	Easting by triangulation 17.95 Northing by triangulation 7.20 Distance triangulated 19.34
	
17.95	Point on random line, thence S 89°50' E on random line for the cor. of secs. 9, 10, 15 and 16, for distance only.
40.00	Set a temp. ¼ sec. cor.
80.42	Intersect the cor. of secs. 9, 10, 15 and 16.
	Thence,
	N 89°50' W, on true line between secs. 9 and 16, over broken land, through scant undergrowth. Desc. along a gentle NW slope.
3.00	Shallow draw, drains S.
7.30	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
18.80	Draw, drains SE, asc. along a SE slope
36.00	Wash, 25 links wide and 5ft. deep, drains S.
40.21	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground and in a mound of stone for the ¼ sec.

Chains	
	cor. of secs. 9 and 16, with a brass cap marked:
	$\frac{1}{4}$ S 9 / S16 1927
	Deposit a section of a petrified tree trunk, 18 x 14 x 12 ins., marked with a cross (X) at the base of the monument.
51.00	Wash, 15 links wide and 2 ft. deep , drains S.
62.47	Line to the west ascends high and vertical ledges bearing NE and SW, asc. 400 ft.
80.42	(Westing from sec. cor.) Intersect the true point for the cor. of secs. 8, 9, 16 and 17.
	Land, east portion rolling and broken hills; in the west part high ledges and steep clay slopes, general SE exposure and drainage.
	Soil, sandy to clay loam, 3rd rate.
	Timber, none.
	Undergrowth, rabbit-brush, mountain rush and amole plant.
	Poor grazing.

	N 0°03' W, on true line, between secs. 8 and 9, counting distance from the true point for the cor. of secs. 8, 9, 16 and 17, over rough broken land, through scant undergrowth, asc. 120 ft. a long a SE slope to the $\frac{1}{4}$ sec cor.
23.79	Foot of steep clay slope, bears NW and SE, asc. along a S. slope.
40.00	On top of ridge bears SW. and NE.
	Set an iron post, 3 ft. long and 1 in, india. 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., of secs. 8 and 9, with a brass cap marked:
	$\frac{1}{4}$ S 8 | S 9 / 1928

Chains	
	Deposit a sandstone, 8 x6 x 4 ins, marked with a cross (X) at the base of the post,
	Thence along a general W slope.
80.00	On a W slope.
	Set an iron post, 3 ft. long and 1 in in dia., 30 ins. in the ground for the cor. of secs. 4, 5, 8 and 9, with a brass cap marked:

T40SR14E
S 5 | S 4
S 8 | S 9
1928

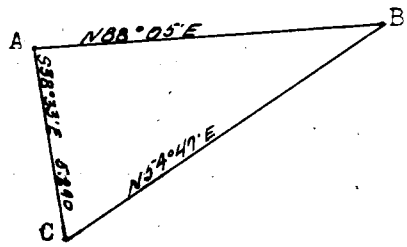
Deposit a sandstone, 8 x 8 x 4 ins., marked with a cross (X) at the base of the post.

Land, steep clay slopes, general S exposure.
Soil, deep clay 2nd rate.
Timber, none.
Undergrowth, shad-scale and mountain rush.
Poor grazing.

S 89°50' E on a random line between secs 4 and 9.

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

70.45 Triangulation point of top of rim 200 ft. high, bears NE and SW, chaining impracticable and I therefore triangulate as follows, designate this point as 'A' and the cor. of secs. 3, 4, 9 and 10, which bears N 88°05'E, as 'B', from 'A' survey a base line 'A-C', S 38°33' E, 5.290 chains, from 'C' the flag at 'B' bears N 54°47' E, All angles determined by three repetitions



Distance on line to 'A'	70.45
Easting by Triang.	9.61 ✓
Length of line 4 & 9	80.06 ✓
Northing by triang.	.32 ✓

80.06 ✓ Intersect the north and south line at a point(computed)

Chains	
	33 links south of the cor. of secs. 3, 4, 9 and 10, heretofore described.
	Thence.
	S 89°56' W on true line between secs. 4 and 9, over rough mountainous land, through scant undergrowth, asc. 385 ft. along a SE slope.
9.61	Top of ledges, bearing NE and SW, approximately 200 ft high, continue ascent over a SE slope.
40.03	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground and in a mound of stone, for the ¼ sec. cor. of secs. 4 and 9, with a brass cap marked:
	¼ S 4 / S 9 1928
	Deposit a sand stone, 4 x 4 x 4 ins., marked with a cross (X) at the base of the post.
	Asc. 210 ft. along a SE slope.
68.90	Ridge, bears NE and SW, desc. 100 ft. over a W slope.
80.06	The cor. of secs. 4, 5, 8 and 9.
	Land, rough and broken mountain slopes with exposed sandstone ledges and steep clay hills, general E exposure and drainage.
	Soil, heavy clay, 4th rate.
	Timber, none.
	Undergrowth, shad-scale and mountain rush.
	Poor grazing.

	N 0°14' W on a random line between secs. 4 and 5.
40.00	Set a temp ¼ sec. cor.
80.01	Intersect the north boundary of the township at a point .5 links east of the cor. of secs. 4, 5, 32 and 33, heretofore described.

Chains.

Thence,

S 0°16' E, on true line between secs. 4 and 5, over rough mountainous land, through scant undergrowth, asc. 170 ft. along a NW slope.

40.01 On a NW slope

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 4 and 5, with a brass cap ma rked:

¼

S 5 | S4

1928

Deposit a sandstone, 4 x 4 x 4 ins., marked with a cross (X) at the base of the post.

Asc. 10 ft. to.

43.10 Spur, projects W, desc. 325 ft. along a SW slope to,

80.01 The cor. of secs. 4, 5, 8 and 9.

Land, rough and broken slopes at the base of a high ledge to the east, general W exposure and drainage.

Soil, rocky clay, 4th rate

Timber, none

Undergrowth, shad-scale and mountain rush.

Poor grazing.

Beginning at the standard corner of secs. 31 and 32, on the south boundary of the township, which is an iron post, 3 ft. long and 2 ins. in dia., properly marked, set and witnessed as described in the official field notes of the survey of T 41 S, R 14 E, Group 152-Utah,

Thence,

N 0°03' W on true line between secs. 31 and 32, over rolling land, through medium undergrowth, desc. 105 ft. along a NW slope.

Chains

9.10 Wash, 40 links wide and 10 ft. deep, drains SW, asc. 100 ft. along a SE slope

24.60 Spur, projects W, desc. 50 ft. over a rolling NW slope.

40.00 On level ground.

Set an iron post, 3 ft. long and 1 in. in dia., 28 ins. in the ground for the ¼ sec. cor. of secs. 31 and 32, with a brass cap marked:

¼

S31 | S32

1925

Raise a mound of stone, 2 ft. base and 1½ ft. high west of the post.

50.00 Wash, 50 links wide and 6 ft. deep, drains W.

80.00 At the base of a small sandstone ledge, bearing NE and SW, about 4 ft. high,

Set an iron post, 3 ft. long and 2 ins. in dia., 4 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 29, 30, 31 and 32, with a brass cap marked:

T40SR14E

S30 | S29

S31 | S32

1925

Deposit a sandstone, 10 x 10 x 6 ins., marked with a cross (X) at the base of the post.

Land, rolling hills, general W exposure and drainage.

Soil, sandy to rocky loam, 3rd rate.

Timber, none.

Undergrowth, shad-scale, yellow top and blackbrush.

Fair grazing.

East on a random line between sections 29 and 32.

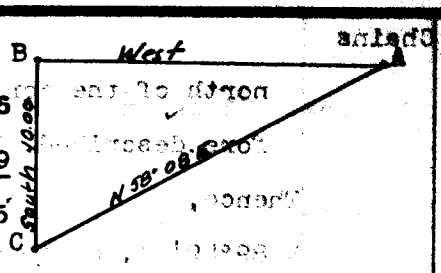
40.00 Set a temp ¼ sec. cor.

80.02 Intersect the north and south line at a point 2 links

Chains	
	north of the cor. of secs. 28, 29, 32 and 33, heretofore described.
	Thence,
	N 89°59' W, on true line between secs. 29 and 32, over broken bench land, through medium undergrowth, desc. 85 ft. along a SW slope.
12.60	Draw, drains N, thence along a gentle NW slope.
40.01	On a gentle NW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 6 ins. in the ground to solid rock and in a mound of stone for the ¼ sec. cor. of secs. 29 and 32, with a brass cap marked:
	¼ S29 / S32 1925
	Deposit a sandstone, 10 x 9 x 3 ins., marked with a cross (X) at the base of the post.
80.02	The cor. of secs. 29, 30, 31 and 32.
	Land, gently rolling, general NW exposure and drainage.
	Soil, gravelly to rocky loam, 3rd rate.
	Undergrowth, shadscale, yellow top and blackbrush.
	Poor grazing.

	West on a random line between sections 30 and 31.
40.00	Set an temp ½ sec. cor.
51.86	Set a temp. pt. for the meander corner on the left bank of the San Juan River. It being impracticable to chain across the river I determine the distance by triangulation, as follows, desigante this point as 'A' and set flag 'B' on line to the west, on mean high water on the right bank and from 'B' survey a base line 'B-C' south, 10.000 chains, from 'C' the flag at 'A' bears N 58°08' E, all angles checked by three repetitions.

Chains



Distance on line to 'A'	51.86
Dist. by triangulation	16.09
Distance on line to 'B'	67.95

67.95 Set a temp. pt. for the meander corner on the right bank of the San Juan River.

79.92 Intersect the corner of sections 25, 30, 31 and 36 on the west boundary of the township, heretofore described

Thence,

East, on true line between sections 30 and 31, over gently rolling land, through scant undergrowth, desc. 55 ft. along a gentle E slope.

11.97 Intersect the mean high water mark on the right bank of the San Juan River and at the point of intersection

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in the ground for the meander corner of sections 30 and 31 on the right bank, with a brass cap marked:

T40S
S30 | MC
S31
R14E
1927

Raise a mound of stone, 2 ft. base and 1½ ft. high west of the post.

28.06 Intersect the mean high water mark on the left bank of the San Juan River and at the point of intersection

Set an iron post, 3 ft. long and 1 in. in dia., 12 ins. in the ground to solid rock and in a mound of stone, for the meander corner on the left bank, with a brass cap marked:

T40S
S30
MC
S31
R14E
1925

Deposit a sandstone, 10 x 8 x 7 ins., marked with a cross (X) at the base of the post.

Continue over rolling land through scant undergrowth.

Chains.	
39.92	Set an iron post, 3 ft. long and 1 in. in dia., 18 ins. in the ground to solid rock and in a mound of stone for the ¼ sec. cor. with a brass cap marked:
	¼ S30 / S31 1925
	Deposit a sandstone, 10 x 8 x 7 ins., marked with a cross (X) at the base of the post.
43.20	Wash, 10 links wide and 5 ft. deep, drains SW.
79.92	The cor. of secs. 29, 30, 31 and 32.
	Land, low rolling hills on both sides of the San Juan River, general W exposure and drainage.
	Soil, sandy to gravelly loam, 2nd rate. On the left bank of the San Juan River is a broad beach of sand.
	Timber, none.
	Undergrowth, mountain rush and amole plant.
	Poor grazing.

	N 0°03' W, on true line between sections 29 and 30, over rolling and broken land, through scant undergrowth, desc. 50 ft along a NW slope.
18.60	Wash, 40 links wide and 10 ft. deep, drains SW, asc. 90 ft. over a S slope
29.90	Ridge, bears E and W, thence over nearly level bench.
40.00	On bench, sloping to the N,
	Set an iron post, 3 ft. long and 1 in. in dia., 28 ins. in the ground for the ¼ sec. cor. of secs. 29 and 30, with a brass cap marked:
	¼ S30 | S29 1925
	Deposit a sandstone, 7 x 5 x 3 ins., marked with a cross (X) at the base of the post.

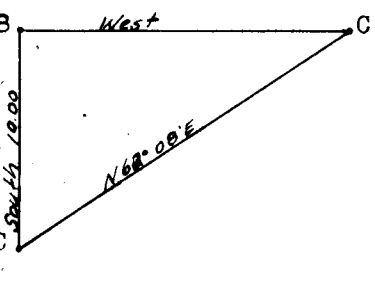
Chains	
57.80	Rim of bench, bears E and W, desc. 65 ft. over a N slope.
72.80	Bottom of slope, bears E and W, thence over rolling hills
80.00	On a NW slope,
	Set an iron post, 3 ft. long and 2 ins. in dia., 28 ins. in the ground for the cor. of secs. 19, 20, 29 and 30, with a brass cap marked:
	T40SR14E S19 | S20 S30 | S29 1925
	Deposit a sandstone, 5 x 4 x 6 ins., marked with a cross (X) at the base of the post.
	Land, rolling hills, general NW exposure and drainage.
	Soil, sandy to rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, shadscale, yellow top and blackbrush.
	Fair grazing.

	S 89°59' E, on a random line between sections 20 and 29.
40.00	Set a temp. ¼ sec. cor.
80.04	Intersect the corner of sections 20, 21, 28 and 29, heretofore described.
	Thence,
	N 89°59' W on true line between sections 20 and 29, over gently rolling hills, through medium undergrowth, along a general N slope.
40.02	On a N slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 20 ins. in the ground to solid rock and in a mound of stone, for the ¼ sec. cor. of secs. 20 and 29 with a brass cap marked:
	S20 ¼ S29 1925

Chains	
	Deposit a sandstone, 10 x 4 x 3 ins., marked with a cross (X) at the base of the post.
80.04	The corner of sections 19, 20,29 and 30.
	Land, gently rolling hills, general N exposure and drainage.
	Soil, rocky loam, 3rd rate.
	Timber, none.
	Undergrowth, shadscale, yellow top and blackbrush.
	Fair grazing.

	West on a random line between sections 19 and 30,
40.00	Set a temp. ¼ sec. cor.
51.94	Set a temp. meander corner on the left bank of the San Juan River. It being impracticable to chain across the river at this point I triangulate as follows; designate this point as 'A', set flag 'B' on line to the west, on the right bank of the river and from that point 'B' survey a base line, 'B-C' South, 10.000 chains, from 'C' the flag at 'A' bears N 62°08' E. All angles checked by three repetitions.

Distance on line to 'A'	51.94
Dist. by triangulation	18.91
Distance on line to 'B'	70.85
By return measurement	.89
	69.96



69.96	Set a temp. meander corner on the right bank of the San Juan River,
70.85	Point of triangulation.
79.85	Intersect the true point for the corner of sections 19, 24, 25 and 30, on the west boundary of the township, heretofore described
	Thence,

Chains	
	East on true line between sections 19 and 30, beginning at the true point for the corner of sections 19, 24, 25 and 30, over broken hills, through scant undergrowth along a general SE slope.
9.47	Trail, bears NE and SW, Clay Hill Crossing to Castle Wash.
9.59	Set an iron post, 3 ft. long and 1 in. in dia., 14 ins. in the ground to underlying rock and in a mound of stone for the witness corner to the meander corner of sections 19 and 30 on the right bank of the San Juan River, with a brass cap marked:

T40S
S19
WMC
S30
R14E
1927

Deposit a sandstone, 7 x 4 x 3 ins., marked with a cross (X) at the base of the post.

9.89	Intersect the mean high water mark on the right bank of the San Juan River, true point for the meander corner of sections 19 and 30 falls on a caving bank of clay, where the corner can not be perpetuated.
27.91	Intersect the mean high water mark on the left bank of the San Juan River, and at the point of intersection Set an iron post, 3 ft. long and 1 in. in dia. 28 ins. in the ground for the meander corner of sections 19 and 30 on the left bank of the San Juan River, with a brass cap marked:

T40S
S19
MC
S30
R14E
1925

Deposit a sandstone 4 x 4 x 3 ins., marked with a cross at the base of the post.

39.85	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and in a mound of stone for the ¼ sec. cor. of secs. 19 and 30, with a brass cap marked:

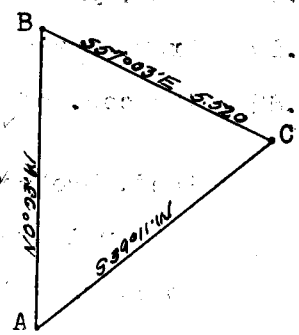
Chains	
	$\frac{1}{4}$ S19 / S30 1925
	Deposit a sandstone, 4 x 4 x 3 ins., marked with a cross (X) at the base of the post.
	Asc. 130 ft. along a NW slope.
61.80	Spur, projects NE, desc. 20 ft. along a SE slope
77.80	Draw, drains NE, asc. 10 ft. along a NW slope.
79.85	The cor. of secs. 19, 20, 29 and 30.
	Land, broken and rolling hills, general W exposure and drainage.
	Soil, gravelly loam, 2nd rate.
	Timber, none.
	Undergrowth, shadscale and mountain rush.
	Poor grazing.

	N 0°03' W, on true line, between sections 19 and 20, over rolling land, through scant undergrowth, desc. 10 ft along a NW slope.
3.00	Draw, drains NE, asc. along a SE slope.
10.10	Low spur, projects NE, desc. along a NE slope.
24.43	Intersect the mean high water mark on the left bank of the San Juan River, and at the point of intersection Set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and in a mound of stone for the meander corner of sections 19 and 20 on the left bank of the San Juan River, with a brass cap marked:
	MC / S19 | S20 / T40SR14E 1925
	Deposit a sandstone, 10 x 6 x 2 ins., marked with a cross (X) at the base of the post.
	Chaining across the river at this point being impracti-

Chains.

cable, I triangulate as follows; designate this point as 'A', set flag 'B' on line to the north and on the right bank of the river and from 'B' survey a base line 'B-C', S 57°03' E, 5.520 chains. From 'C' the flag at 'A' bears S 39°11' W, all angles determined by three repetitions.

Distance on line to 'A'	24.43
Distance by triangulation	8.68
Distance on line to 'B'	33.11



33.11 Triangulation point on the right bank of the river.

33.26 Intersect the mean high water mark on the right bank of the San Juan River; true point for the meander corner of sections 19 and 20 on the right bank of the river falls on loose sand bank, subject to river erosion, and where the corner can not be perpetuated.

Asc. gentle S slope over barren sand.

35.70 Leave sandy bottom, asc. 20 ft. over a rocky S slope.

38.01 On the S rim of a bench, bearing NE. and SW.,

Set an iron post, 3 ft. long and 1 in. in dia., 10 ins. in the ground to solid rock and in a mound of stone, for the witness corner to the meander corner of sections 19 and 20 on the right bank of the San Juan River, with a brass cap marked:

T40SR14E
S19 | S20
WMC
1927

Deposit a sandstone, 4 x 4 x 4 ins., marked with a cross (X) at the base of the post.

40.00 On nearly level bench,

Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor., of secs. 19 and 20

Chains

with a brass cap marked:

$\frac{1}{4}$

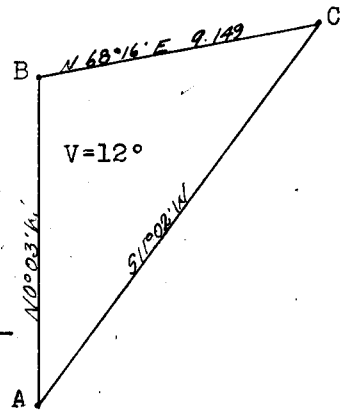
S19 | S20

1928

Continue along a rocky S slope.

50.00 Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.

The line to the north of this point passes over rough and broken land and impassable ledges, I return to the $\frac{1}{4}$sec. cor. of secs. 19 and 20 for triangulation; designate that point as 'A', set flag 'B' on line to the north on the top of a ledge, and from 'B' survey a base line 'B-C' N 68°16' E. 9.149 chains; from 'C' the flag at 'A' bears S 11°02' W All angles determined by three repetitions.



Distance on line to 'A'	40.00
Distance by triangulation	40.02
Distance on line to 'B'	80.02
By return measurement	.02
	80.00

80.00 On top of high ledge bearing NE and SW. 560 ft. above 'A'. Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the cor. of sections 17, 18, 19 and 20, with a brass cap marked:

T40SR14E

S18 | S17

S19 | S20

1928

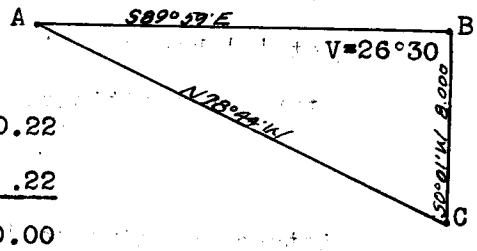
Land, rough and broken ledges along the river, general SE exposure and drainage.

Soil, rocky sand, 4th rate.

Timber, none.

Chains	
	Undergrowth, shadscale and mountain rush.
	Poor grazing.

	S 89°59' E, on a random line between sections 17 and 20, The line to the east descends over precipitous ledges over which chaining is impracticable, I therefore triangulate as follows; designate the corner of sections 17, 18, 19 and 20 as 'A', set flag 'B' on line to the east and from 'B' survey a base line 'B-C' S 0°01' W, 8.000 chains; from 'C' the flag at 'A' bears N 78°44'W, All angles determined by three repetitions.



	Distance by triangulation 40.22
	Distance by return meas. .22
	40.00
40.00	Set a temp. ¼ sec. cor.
40.22	Triangulation point.
80.20	Intersect the north and south line at a point 9 links south of the corner of sections 16, 17, 20 and 21, heretofore described.
	Thence
	S. 89°57' W, on true line between sections 17 and 20, over rolling hills, through scant undergrowth, desc. 15 ft. SW slope.
14.50	Draw, drains SE, thence along a general S slope.
16.10	Trail, bears NE and SW, Collin's Cave to Clay Hill Crossing.
23.90	Sandstone ledge about 15 ft. high, bears NE and SW.
36.50	Draw, drains S, small alkaline seep in bottom.
40.10	On a S slope.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock, for the ¼ section corner of sections

Chains.	
	17 and 20, with a brass cap marked:
	$\frac{1}{4}$ $\frac{S17}{S20}$ 1928
	Asc. 1350 ft. along a steep and rocky SE slope, broken by numerous rugged ledges.
80.20	The corner of sections 17, 18, 19 and 20.
	Land, east part, rolling hills and small draws, west part, steep slopes of clay and loose sandstone, general SE exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shadscale and mountain rush.
	Poor grazing.

	West on a random line between sections 18 and 19.
40.00	Falls on inaccessible ground.
47.45	Set a temp. witness $\frac{1}{4}$ sec. cor.
79.54	Intersect the west boundary at a point 35 links south of the corner of sections 13, 18, 19 and 24, heretofore described.
	Thence,
	S 89°45' E, on the true line between sections 18 and 19.
	Over rough and broken land, through scant undergrowth, desc. 325 ft. along a broken SE slope.
32.09	On the top of a small spur projecting S.
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in exposed surface rock for the witness corner to the $\frac{1}{4}$ section corner of sections 18 and 19, with a brass cap marked:
	$\frac{1}{4}$ $\frac{S18}{S19}$ WC 1928
39.54	The true point for the $\frac{1}{4}$ section corner falls on a

Chains

steep talus slope where the corner can not be set.

79.54 The corner of sections 17, 18, 19 and 20.

Land, rough and broken slopes at the base of Mike's Mesa, to the west, general SE exposure and drainage.

Soil, rocky clay, 4th rate.

Timber, none.

Undergrowth, shadscale, mountain rush and bunch grass.

Fair grazing.

N 0°03' W, on true line between sections 17 and 18, over rough and broken land, through medium undergrowth, asc. 575 ft. along an abrupt SE Slope

40.00 Falls on a steep talus slope, where the corner can not be perpetuated.

41.23 On a SE slope,

Set an iron post, 3 ft. long and 1 in. in dia. 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the witness corner to the ¼ section corner of sections 17 and 18, with a brass cap marked:

¼

S18 | S17

WC

1928

Asc. 170 ft. along a SE slope.

56.70 Top of ridge projects E, and bears SW., desc. 365 ft. along a NW slope

80.00 On a NW slope,

Set an iron post, 3 ft. long and 2 ins. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the corner of sections 7, 8, 17 and 18, with a brass cap marked:

T40SR14E

S7 | S8

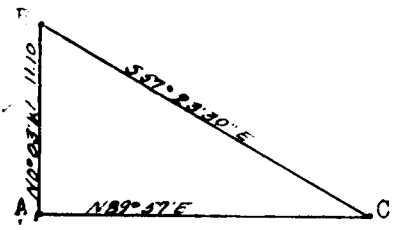
S18 | S17

1928

Chains	
	Land, rough and broken mountain slopes, general E exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shadscale and black brush.
	Poor grazing.

	N 89°57' E, on a random line, between sections 8 and 17.
40.00	Set a temp. ¼ section corner.
61.67	Line to the east passes across a deep box canyon, over which chaining is impracticable, I therefore triangulate as follows; designate this point as 'A', set flag 'B' on line to the east, survey a base line 'A-C', N 0°03'-W, 11.100chains: From 'C' the flag at 'A' bears S 57°23'30" E, all angles determined by three repetitions.

Distance on line to 'A' 61.67
Distance by triangulation 17.32
Distance on line to 'B' 78 99



78.99	Point of triangulation.
80.08	Intersect the north and south line at a point 7 links north of the true pt. for cor. of sec. 8, 9, 16 and 17, heretofore described.
	Thence, from the true pt.,
	West, on true line between sections 8 and 17, over rough mountainous land, through scant undergrowth.
1.09	Ledge, about 200 ft. high, bears NW and S.
8.00	Approximate bottom of canyon, drains S.
18.41	Ledge, about 200 ft. high. bears N and SW.
40.04	On an E slope
	Set an iron post, 3 ft. long and 1 in in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ sec. cor. of secs. 8 and 17,

Chains.	
	with a brass cap marked: $\frac{1}{4}$ $\frac{S\ 8}{S17}$ 1928
47.90	Ridge, bears N and S, desc. along a NW slope.
80.08	The corner of sections 7, 8, 17 and 18.
	Land. In the east 50 chains, rough and broken slopes, general SE exposure and drainage, in the west 30 chains gentle slope from ridge, general NW exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shadscale and mountain rush.
	Poor grazing.

	N 89°45' W, on a random line, between sections 7 and 18.
40.00	Set a temp. $\frac{1}{4}$ section corner.
79.50	Intersect the west boundary of the township at a point 12 links north of the corner of sections 7, 12, 13 and 18, heretofore described.
	Thence,
	S 89°50' E, on true line, between sections 7 and 18, over mountainous land, through scant undergrowth, asc. 355 ft. along a NW slope.
39.50	On NW slope.
	Set an iron post, 3 ft. long and 1 in. in dia., 12 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner of sections 7 and 18, with a brass cap marked: $\frac{1}{4}$ $\frac{S\ 7}{S18}$ 1928
	Deposit a sandstone, 5 x 5 x 5 ins., marked with a cross (X) at the base of the post.

Chains.	
	Asc. 20 ft. along a NW slope.
44.50	Spur, projects NW, desc 40 ft. along a NE slope.
53.10	Draw, drains NW, asc. 135 ft. along a NW slope.
79.50	The corner of sections 7, 8, 17 and 18.
	Land, broken slopes projecting from high mesa to the south, general NW exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, shadscale, mountain rush and bunch grass.
	Fair grazing.

	N 0°03' W, on true line, between sections 7 and 8, over rolling land, through medium undergrowth, desc. 255 ft. along a NW slope.
40.00	On a NW slope,
	Set an iron post, 3 ft. long and 1 in. in dia. 10 ins. in the ground to solid rock, and in a mound of stone, for the ¼ section corner of sections 7 and 8, with a brass cap marked:
	¼ S 7 | S 8 1928
	Deposit a sandstone, 5 x 5 x 4 ins., marked with a cross (X) at the base of the post.
	Desc. 40 ft. along a NW slope,
53.40	East fork of Mike's Canyon, dry, drains SW, asc. 155 ft. along a SE slope.
80.00	On a SE slope,
	Set an iron post, 3 ft. long and 2 ins. in dia. 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the corner of sections 5, 6, 7 and 8, with a brass cap marked:

Chains	
	T40SR14E S6 | S5 S7 | S8 1928
	Land, rolling hills in the bottom of the east fork of Mike's Canyon, general W exposure and drainage.
	Soil, sandy to gravelly loam, 3rd rate.
	Timber, none.
	Undergrowth, shadscale black brush and bunch grass.
	Fair grazing.

	East on a random line between sections 5 and 8.
40.00	Set a temp. ¼ section corner.
79.96	Intersect the north and south line at a point 77 links south of the corner of sections 4, 5, 8 and 9, heretofore described,
	Thence.
	S 89°57'W, on true line between sections 5 and 8, over rolling and broken land, through medium undergrowth, desc. 100 ft. along a NW slope.
39.98	On a NW slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ section corner of sections 5 and 8, with a brass cap marked;
	¼ S 5 / S 8 1928
	Desc. 40 ft. along a NW slope.
42.20	East fork of Mike's Canyon, dry, drains SW, asc. 55 ft. along a SE slope.
79.96	The corner of sections 5, 6, 7, and 8.
	Land, rolling hills, general S exposure and drainage.
	Soil, sandy loam, 2nd rate.

Chains.

Timber, none.

Undergrowth, shadscale, black brush and bunch grass

Fair grazing.

N 89°50' W, on a random line between sections 6 and 7.

8.70 Set a temp. point.

0.00 Set a temp. ¼ section corner. The line to the west passes over a high and vertical ledge on a narrow spur projecting SW and over which chaining is impracticable therefore I return to the point left at 38.70 chains and traverse around the point as follows:

S 65°00' W, 26.96 chains.

N 80°00' W, 10.00 chains

N 36°30' W, 4.17 chains

N 31°58' W, 7.56 chains, at the end of the course intersect the corner of sections 1, 6, 7 and 12, on the west boundary, heretofore described

By the traverse Westing 40.76; Northing 0.11, the true course and distance of the line is, therefore N 89°50' W, 79.46 chains.

Thence; S. 89°50' E., on true line bet. secs. 6 and 7. by traverse around point of a high spur, over broken land, through scant undergrowth.

S 31°58' E, 7.56, to a point on the top of a spur projecting SW; the point of the ledge, about 200 ft. high, bears north about 5.00 chains.

S 36°30' E, 4.17 chains.

S 80°00' E, 10.00 chains.

N 65°00' E. 26.96 chains along a SE slope parallel to the ledge.

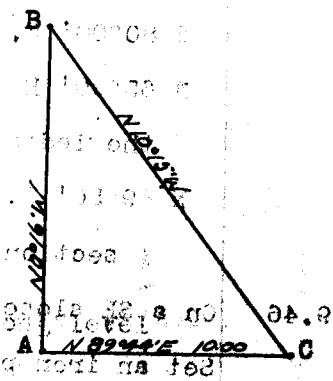
N 89°50' W, 1.30 chains to the true point for the ¼ section corner of sections 6 and 7, or at

9.46 On a SE slope,

Set an iron post, 3 ft. long and 1 in. in dia. 30 ins.

Chains.	
	in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ section corner of sections 6 and 7, with a brass cap marked;
	¼ S 6 / S 7 / 1928
	Desc. 125 ft. along a SE slope.
79.46	The corner of sections 5, 6, 7 and 8.
	Land, rough and broken slopes at the base of a high ledge, general SE exposure and drainage.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowrth, shadscale, black brush and bunch grass.
	Fair grazing.

	N 0°16' W, on a random line between sections 5 and 6.
40.00	Set a temp. ¼ section corner. The line to the north ascends a high and vertical ledge over which I can not chain, there being no suitable base obtainable here I return to the corner of sections 5, 6, 7 and 8, rechaining the distance, and triangulate as follows: designate the corner of sections 5, 6, 7 and 8 as 'A', Set flag 'B' on line to the north on the top of the ledges and from 'A' survey a base 'A-C' N 89°44' E, 10.000 chains, from 'C' the flag at 'B' bears N 10°15'W all angles determined by three repetitions.
	Distance on line to 'A' .00
	Distance by triangulation 56.81
	Distance on line to 'B' 56.81
56.81	Triangulation point on top of high ledge bearing NE and SW, thence along level top, through timber



Chains	
20.07	Intersect the north boundary of the township at a point 15 links east of the corner of sections 5, 6, 31 and 32, heretofore described,
	Thence,
	S 0°18' E, on true line, between sections 5 and 6, over top of a high mesa, through scattering timber and scant undergrowth; asc. 20 ft along a NW slope.
23.00	Top of spur projecting SW
23.26	Top of high ledge bearing NE and SW; desc. 925 ft. over a series of ledges; leave timber, bears NW and S.
40.07	On a SE slope,
	Set an iron post, 3 ft. long and 1 in. in dia., 30 ins. in a mound of stone, over a cross (X) cut in solid surface rock, for the ¼ section corner of sections 5 and 6; with a brass cap marked:

$$\begin{array}{ccc} & \frac{1}{4} & \\ S6 & | & S5 \\ & 1928 & \end{array}$$

	Desc. 365 ft. along a SE slope.
40.07	The corner of sections 5, 6, 7 and 8.

Land, rough and broken slopes, general SE exposure and drainage.

Soil, rocky loam, 4th rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, black brush and bunch grass.

Poor grazing.

MEANDERS OF THE SAN JUAN RIVER

Because of high and impassable ledges in the eastern part of the township, in sections 13, 21, 22, 23, 24, 27 and 28, I am unable to survey along the mean high water mark. Therefore, in order to determine the

Chains.

true position of the meander line, I survey a traverse line along the upper rim of ledges of sandstone on the right side of the river canyon, taking intersecting bearings from angle points in this line to angle points in the meander lines on either bank of the river. From this data the distance from the traverse line to meander lines and the courses and distances of the meander lines are computed. In the remaining sections invaded by the river, the meanders were surveyed in their true position.

Beginning at the witness meander corner of sections 13 and 18, on the east boundary of the township and on the right bank of the San Juan River, and which is set 18.11 chains North of the corner of sections 13, 18, 19 and 24, and from which,

Point A, right bank, bears N 84°27' W,

Point B, right bank, bears N 71°10' W,

Point C, right bank, bears N 72°45' W, 12.70 chains, (Computed distance)

Point D, right bank, bears S 84°24' W,

Point A, left bank, bears S 66°01' W, 9.00 chains, (Computed distance).

Point B, left bank, bears S 82°46' W.

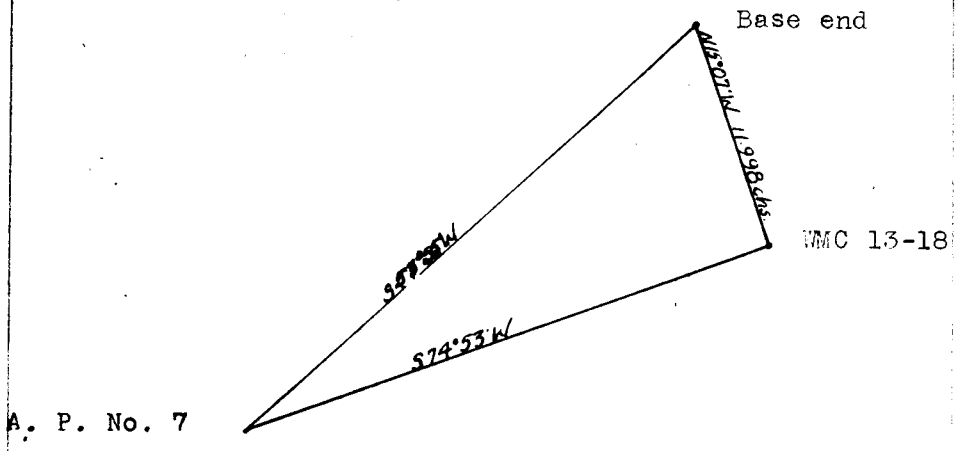
Point A, left bank, is located on a curve and will not be visable from my next regular angle point, therefore to locate it, I proceed as follows, from this point, the witness corner above described, I survey a base line, N 60°00' W, 3.290 chains. From the end of the base Point A, left bank bears S 45°23' W.

Returning to the witness meander corner above described Thence, on traverse line,

S 74°53' W, 31.31 chains (Computed) to A. P. No. 7. As this line crosses the San Juan River twice, chaining

is impracticable and the distance is determined by the following triangulation:

From the witness meander corner of sections 13 and 18 on the right bank of the River I set a flag (A. P. No. 7) S 74°53' W. Survey a base line N 15°07' W, 11.998 chains; From the base end the flag at A. P. No. 7 bears S 53°55' W.



From A. P. No. 7.

Point A, right bank, bears N 70°30' E, 26.10 chains. (Computed distance)

Point B, right bank, bears N 64°00' E. 24.80 chains. (Computed distance)

Point C, right bank, bears N 56°36' E.

Point D, right bank, bears N 59°30' E, 12.30 chains, (Computed distance)

Point E, right bank, bears S 01°28' W.

Point B, left bank, bears N 69°00' E. 18.05 chains. (Computed distance)

Point C, left bank, bears S 46°58' E.

Thence,

S 13°15' W, 4.40 chains to A. P. No. 6, whence,

Point E, right bank, bears S 84°45' E, .90 chains. (Computed distance)

Point C, left bank, bears S 79°30' E, 7.10 chains. (Computed distance)

Thence,

S 41°30' W, 4.29 chains to A. P. No. 5, whence,

Point A, right bank, section 24, bears S 27°46' W.

Point A, left bank, section 24, bears S 10°38' E.

Thence,

S 47°15' W, 3.70 chains to a point 36.87 chains, S 89°57' W, between sections 13 and 24.

The true meander line along the right bank of the river is, therefore, as follows: (By computation)

Beginning at the true point for the meander corner of sections 13, and 18, on the east boundary to the township and on the right bank of the San Juan River, at 11.55 chains north, down stream.

Thence along mean high water.

N 88°35' W, 9.07 chains, to Point A.

N 46°55' W, 3.16 chains, to Point B.

N 75°40' W, 4.32 chains, to Point C.

S 52°48' W, 9.43 chains, to Point D.

S 45°16' W. 15.06 chains. to Point E.

S 33°33' W, 6.77 chains to the true point for the meander corner of sections 13 and 24 on the right bank of the river at 34.15 chains S 89°57' W.

Land, steep sandstone slopes and high ledges.

Soil, in places in pockets in the sandstone, shallow sandy loam.

Timber, none.

Undergrowth, none.

No grazing.

The true meander line along the left bank of the river is, therefore, as follows: (By computation)

Beginning at the true point for the meander corner on the left bank of the San Juan River, between sections 13 and 18 on the east boundary of the township,

at 5.01 chains north,

Thence, along mean high water, over steep slopes of sandstone legdes, down stream

N 41°03' W, 12.52 chains, to Point A.

N 69°12' W, 5.52 chains, to Point B.

S 42°06' W, 16.23 chains, to Point C.

S 22°43' W, 4.79 chains, to the true point for the meander corner of sections 13 and 24 on the left bank of the San Juan River, at 26.19 chains S 89°57' W, between sections 13 and 24.

Land, steep sandstone slopes and high ledges bordering the river.

Soil, sandy loam, in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

Meanders of the right and left banks of the San Juan River, downstream, through section 24.

Beginning at a point 36.87 chains S 89°57' W between sections 13 and 24 on the right rim of the river canyon, and from which

Point A, right bank, bears S 12°45' E, 1.90 chains. (Computed distance)

Point B, right bank, bears S 54°00' W, 5.00 chains. (Computed distance)

Point A, left bank, bears S 31°30' E, 8.80 chains. (Computed distance)

Thence on traverse line along right rim.

West, 16.07 chains to A. P. No. 3, whence,

Point B, right bank, bears S 76°16' E.

Point C, right bank, bears S 65°00' W.

Point D, right bank, bears S 68 02' W.

Point B, left bank, bears S 36°22' E.
Point C, left bank, bears S 47°53' W.

Thence,

S 72°45' W, 19.15 chains to A.C.P. No. 2, whence

Point C, right bank, bears N 77°54' E, 11.57 chains. (Computed distance)

Point D, right bank, bears N 86°00' E, 5.10 chains. (Computed distance)

Point B, left bank, bears S 84°14' E, 24.40 chains. (Computed distance)

Point C, left bank, bears S 79°37' E, 10.15 chains. (Computed distance)

Thence,

S 65°15' W, 9.70 chains

East, .41 chains

South, .10 chains, to the witness meander corner of sections 23 and 24, on the right bank of the San Juan River, set at 70.27 chains N 0°01' W between sections 23 and 24.

The true meander line along the right bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 13 and 24, on the right bank of the river, at 34.15 chains S 89°57' W between sections 13 and 24, thence, downstream, along mean high water, over steep ledges of sandstone:

S 51°11' W, 2.95 chains to Point A.

S 76°17' W, 4.60 chains to Point B.

S 89°04' W, 19.01 chains to Point C.

S 71°36' W, 6.56 chains to Point D.

S 62°30' W, 15.21 chains to the true point for the meander corner of sections 23 and 24 on the right bank of the San Juan River, at 67.77 chains N 0°01' W between sections 23 and 24.

Land, rough ledges of sandstone.

Soil, sandy loam, in pockets in sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

The true meander line along the left bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 13 and 24 on the left bank of the river, at 26.19 chains S 89°57' W, between sections 13 and 24.

Thence, along mean high water, over rough slopes of sandstone, downstream, through section 24.

S 39°02' W, 9.67 chains to Point A.

S 87°33' W, 14.69 chains to Point B.

N 87°[illegible]1' W, 14.31 chains to Point C.

S 63°11' W, 20.59 chains to the true point for the meander corner of sections 23 and 24 on the left bank of the San Juan River at 63.31 chains N 0°01' W between sections 23 and 24.

Land, steep sandstone ledges bordering the river.

Soil, sandy loam, in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

Meanders of the right and left banks of the San Juan River, downstream, through section 23.

Beginning at the witness meander corner of sections 23 and 24 on the right bank of the river, set at 70.27 chains N 0°01' W between sections 23 and 24,

Thence, on traverse line along the right rim

North, .10 chains

West, .41 chains to A. P. No. 1.

S 46°00' W 4.51 chains to A. P. No. 1X, whence

Point A, right bank, bears S 45°46' W.

Thence,

S 52°15' W. 3.70 chains to A. P. No. 2, whence

Point A, right bank, bears S 30°00' E,

.50 chains. (Computed distance)

Point B, right bank, bears S 72°30' W.

Point A, left bank, bears S 18°00' W,

6.75 chains. (Computed distance)

Point B, left bank, bears S 50°33' W.

Thence,

S 72°15' W, 10.86 chains to A. P. No. 3, whence

Point B, right bank, bears S 16°15' E,

6.27 chains. (Computed distance)

Point A, left bank, bears S 40°19' E.

Point B, left bank, bears S 12°30' E,

10.24 chains. (computed distance)

Point C, left bank, bears S 11°49' W.

Thence,

S 69°30' W, 5.88 chains to A. P. No. 4, whence

Point C, left bank, bears S 19°17' E,

9.62 chains. (Computed distance)

Thence,

S 73°30' W, 5.20 chains to A. P. No. 5, whence

Point C, right bank, bears S 11°15' W,

3.65 chains. (Computed distance)

Point D, left bank, bears S 2°46' W,

7.80 chains. (Computed distance)

Thence,

S 77°45' W, 5.20 chains to A. P. No. 6, whence,

Point C, right bank, bears S 60°27' E.

Point D, right bank, bears S 29°45' W,

7.84 chains. (Computed distance)

Point E, right bank, bears S 52°20' W.

Point D, left bank, bears S 35°08' E.

Point E, left bank, bears S 21°00' W,
11.80 chains.)Computed distance)
Point F, left bank, bears S 45°27' W.

Thence

S 60°45' W, 19.80 chains to A. P. No. 7, whence

Point D, right bank, bears N 77°54' E.
Point E, right bank, bears S 86°30' E,
4.40 chains. (Computed distance)
Point F, right bank, bears S 42°20' W.
Point G, right bank, bears S 39°53' W.
Point E, left bank, bears S 84°08' E.
Point F, left bank, bears S 0°30' W,
7.40 chains. (Computed distance)
Point G, left bank, bears S 33°45' W.

Thence.

S 47°45' W, 26.50 chains to A. P. No. 8, whence

Point F, right bank, bears N 51°30' E,
15.70 chains. (Computed distance)
Point G, right bank, bears N 61°30' E.
9.85 chains. (Computed distance)
Point H, right bank, bears S 8°00' W,
5.20 chains. (Computed distance)
Point G, left bank, bears S 42°21' E,
6.60 chains. (Computed distance)

Thence,

S 55°30' W, 9.30 chains to A. P. No. 9, whence

Point H, right bank, bears N 89°01' E.

Thence,

S 70°51' W, 3.19 chains to the witness meander corner of sections 22 and 23 on the right bank of the river, set at 29.60 chains N 0°02' W between sections 22 and 23.

The true meander line along the right bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 23 and 24 on the right bank of the San Juan River at 67.77 chains N 0°01' W between sections 23 and 24.

Thence along mean high water, downstream through section 23, over rough slopes of sandstone.

S 62°58' W, 7.11 chains to Point A.

S 75°32' W, 9.13 chains to Point B. At 4.70 chains on this course a draw enters the river from the north.

S 85°09' W, 13.01 chains to Point C.

S 62°20' W, 9.33 chains to Point D.

S 70°46' W, 9.53 chains to Point E.

S 56°25' W, 14.07 chains to Point F.

S 35°36' W, 6.24 chains to Point G.

S 43°36' W, 13.60 chains to Point H.

S 56°48' W, 11.89 chains to the true point for the meander corner of sections 22 and 23, on the right bank of the San Juan River at 24.26 /Chs N 0°02' W between sections 22 and 23.

Land, rugged ledges bordering the river.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

The true meander line along the left bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 23 and 24 on the left bank of the San Juan River, at 63.31 chains N 0°01' W, between sections 23 and 24.

Thence along mean high water, downstream, through section 23, over rough and broken ledges.

S 61°17' W 9.89 chains to Point A.
S 87°26' W, 6.04 chains to Point B.
S 75°56' W, 4.69 chains to Point C.
S 88°44' W, 8.55 chains to Point D.
S 64°09' W, 9.92 chains to Point E.
S 65°13' W, 14.45 chains to Point F.
S 44°37' W, 21.49 chains to Point G.
S 53°19' W, 18.85 chains to the true point for the meander corner of sections 22 and 23 on the left bank of the river at 19.78 chains N 0°02' W between section 22 and 23.

Land, steep sandstone slopes and high ledges bordering the river.
Soil, sandy loam in pockets in the sandstone.
Timber, none.
Undergrowth, none.
Grazing, none.

Meander of the right and left banks of the San Juan River, downstream through section 22.
Beginning at the witness meander corner of sections 22 and 23, set at 29.60 chains N 0°02' W, between sections 22 and 23, and from which point,

Point A, right bank, bears S 47°34' W,
Point B, right bank, bears S 38°37' W.
Point A, left bank, bears S 31°39' W.

Thence, with traverse line along the right rim.
S 58°45' W, 17.94 chains to A. P. No. 1, whence

Point A, right bank, bears S 48°30' E, 3.50 chains. (Computed distance)
Point B, right bank, bears S 0°27' E, 9.80 chains. (Computed distance)
Point A, left bank, bears S 47°31' E, 8.32 chains. (Computed distance.

Point B, left bank, bears S 15°07' E,
13.35 chains. (Computed distance)

Thence,

S 01°41' E, 20.30 chains to the witness meander corner of sections 22 and 27 on the right bank of the river, set at 14.71 chains N 89°56' W between sections 22 and 27, and from which point

Point B, left bank, bears N 21°18' E.

The true meander line along the right bank of the river computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 22 and 23. at 24.26 chains N 0°02' W between sections 22 and 23;

Thence, along mean high water, downstream along the right bank, through section 22, over rough sandstone ledges.

S 63°41' W, 14.19 chains to Point A.

S 18°45' W, 7.90 chains to Point B.

S 12°12' E, 10.73 chains to the true point for the meander corner of sections 22 and 27 on the right bank of the San Juan River at 12.96 chains N 89°56' W between sections 22 and 27.

Land, steep slopes of sandstone and impassable ledges and cliffs bordering the river.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

The true meander line along the left bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 22 and 23 on the left bank of the river at 19.78 chains N 0°02' W between sections 22 and 23;

Thence, downstream, along mean high water on the left

bank, through section 22, over rugged ledges of sandstone.

S 60°57' W, 10.52 chains to Point A.

S 20°06' W, 7.74 chains to Point B.

S 20°16' E, 7.88 chains to the true point for the meander corner of sections 22 and 27 at 9.10 chains N 89°56' W between sections 22 and 27.

Land, steep sandstone ledges and cliffs bordering the river.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

Meanders of the right and left banks of the San Juan River, downstream, through section 27.

Beginning at the witness meander corner of sections 22 and 27 on the right bank of the river, set at 14.71 chains N 89°56' W, and from which point.

Point A, right bank, bears S 35°26' E.

Point A, left bank, bears S 51°29' E.

Thence, with traverse line along the right rim.

S 29°25' E, 7.78 chains to A. P. No. 2, whence.

Point A, right bank, bears East, 1.00 chains. (Computed distance)

Point B, right bank, bears S 20°01' E.

Point A, left bank, bears S 81°46' E, 5.80 chains. (Computed distance)

Point B, left bank, bears S 29°42' E.

Thence,

South, 3.50 chains to A. P. No. 3, whence

Point B, right bank, bears S 73°00' E, 1.50 chains. (Computed distance)

Point B, left bank, bears S 46°04' E,
6.15 chains. (Computed distance)

Thence,

S 41°45' W, 1.53 chains

S 51°30' W, 4.40 chains to A. P. No. 5, whence

Point C, right bank, bears S 25°00' E,
1.50 chains. (Computed distance)

Point D, right bank, bears S 47°23' W.

Point C, left bank, bears S 38°31' E,
6.30 chains. (Computed distance)

Point D, left bank, bears S 22°15' W.

Thence

S 86°45' W, 4.10 chains to A. P. No. 6, whence

Point C, right bank, bears S 76°35' E,

Point D, right bank, bears S 6°50' W,
4.00 chains. (Computed distance)

Point C, left bank, bears S 59°38' E.

Point D, left bank, bears S 3°04' E,
8.65 chains. (Computed distance.

Thence,

N 84°00' W, 8.50 chains to A. P. No. 7, whence

Point E, right bank, bears S 43°28' W.

Point E. left bank, bears S 1°56' E.

S 84°00' W. 7.90 chains to A. P. No. 9, whence

Point E. right bank, bears S 34°27' E,
5.25 chains. (Computed distance)

Point F, right bank, bears S 80°57' W.

Point E. left bank, bears S 45°40' E,
11.40 chains. (Computed distance)

Thence

N 82°15' W, 18.40 chains to A. P. No. 10, whence

Point F, right bank, bears S 42°35' E,
6.38 chains. (Computed distance)

Point G, right bank, bears S 58°37' W.

Point F, left bank, bears S 20°55' W,
8.90 chains. (Computed distance)

Point G, left bank, bears S 49°38' W.

Thence

N 89°00' W. 13.70 chains to A. P. No. 11, whence,

Point G, right bank, bears S 51°50' E, 7.83 chains. (Computed distance)

Point F, left bank, bears S 50°54' E.

Point G. left bank, bears S 21°30' E, 9.56 chains. (Computed distance)

Thence

N 72°20' W, 12.34 chains to the witness meander corner of sections 27 and 28 on the right bank of the river, set at 71.49 chains N 0°03' W, between sections 27 and 28.

The true meander line along the right bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 22 and 27 on the right bank of the river, at 12.96 chains N 89°56' W between sections 22 and 27;

Thence, downstream, along the mean high water on the right bank of the river through section 27, over rough sandstone ledges.

S 24°22' E, 7.44 chains to Point A.

S 6°14' E, 3.96 chains to Point B.

S 47°36' W, 7.12 chains to Point C.

S 61°21' W. 5.93 chains to Point D.

S 88°40' W, 12.86 chains to Point E.

N 82°52' W, 17.01 chains to Point F.

N 89°31' W, 11.86 chains to Point G

N 76°13' W. 18.64 chains. At 13.80 chains on this course a draw enters the river from the north.

At the end of the course intersect the true point for the meander corner of sections 27 and 28 on the right bank of the river, at 67.97 chains N 0°02' W between sections 27 and 28.

Land, rugged sandstone ledges.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

The true meander line along the left bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 22 and 27 on the left bank of the river, at 9.10 chains N 89°56' W, between sections 22 and 27,

Thence, downstream, along mean high water on the left bank of the river through section 27, over rough sandstone ledges

S 27°28' W, 8.57 chains to Point A.

S 10°41' W, 7.06 chains to Point B.

S 47°35' W, 6.73 chains to Point C

S 62°27' W, 8.52 chains to Point D.

N 85°10' W, 8.65 chains to Point E.

N 85°52' W, 29.64 chains to Point F.

S 87°14' W, 7.03 chains to Point G.

N 74°01' W, 16.05 chains to the true point for the meander corner of sections 27 and 28 on the left bank of the San Juan River at 63.90 chains N 0° 02' W between sections 27 and 28.

Land, rough and impassable ledges bordering the river.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

Meanders of the right and left banks of the San Juan River, downstream through section 28.

Beginning at the witness meander corner of sections 27 and 28 on the right bank of the river, set at 71.49 chains N 0°03' W between sections 27 and 28,

Thence, with traverse line along the right rim.

S 80°45' W, 3.83 chains,

N 79°00' W, 5.20 chains to A. P. No. 2, whence

Point A, right bank, bears S 87°55' W.

Point A, left bank, bears S 15°27' W, 5.70 chains. (Computed distance)

Thence,

N 78°15' W, 6.70 chains to A. P. No. 3, whence

Point A, right bank, bears S 17°30' W, 1.70 chains. (Computed distance)

Point B, right bank, bears N 58°58' W.

Point A, left bank, bears S 36°19' E

Point B, left bank, bears S 71°43' W.

Thence,

N 78°15' W, 8.70 chains to A. P. No. 4, whence

Point B, right bank, bears S 17°05' W, 1.20 chains. (Computed distance)

Point B, left bank, bears S 16°47' W, 5.32 chains. (Computed distance)

Thence

N 61°30' W, 4.50 chains to A. P. No. 5, whence

Point C, left bank, bears S 76°50' W.

Thence.

N 74°30' W, 6.40 chains to A. P. No. 6, whence

Point C, left bank, bears S 52°57' W, 7.58 chains. (Computed distance)

Thence.

N 64°05' W, 2.63 chains to the witness meander corner of sections 21 and 28 on the right bank of the river set at 36.45 N 89°59' W between sections 21 and 28.

The true meander line, along the right bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 27 and 28 on the right bank of the river, at 67.97 chains N 0°02' W between sections 27 and 28,

Thence, downstream, along mean high water on the right bank of the river, over rough and broken sandstone ledges.

N 77°11' W, 16.36 chains to point A. At 14.80 chains on this course a draw enters the river from the north.

N 75°00' W, 8.65 chains to Point B.

N 73°02' W, 21.11 chains to the true point for the meander corner of sections 21 and 28 on the right bank of the river, at 44.49 chains N 89°59' W between sections 21 and 28.

Land, steep rock slopes of barren sandstone.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

The true meander line along the left bank of the river, computed from the foregoing data, is as follows:

Beginning at the true point for the meander corner of sections 27 and 28 on the left bank of the river at 63.90 chains N 0°02' W between sections 27 and 28,

Thence, downstream, along mean high water on the left bank of the river, through section 28, over rough and broken ledges of barren sandstone.

N 76°38' W, 10.69 chains to Point A.

N 76°50' W, 15.51 chains to Point B.

N 73°21' W, 15.28 chains to Point C.

N 75°57' W, 23.57 chains to the true point for the meander corner of sections 21 and 28 on the left bank of the river, at 62.99 chains N 89°59' W between sections 21 and 28.

Land, steep slopes and barren ledges of sandstone.

Soil, sandy loam in pockets in the sandstone.

Timber, none.

Undergrowth, none.

Grazing, none.

Meanders of the right and left banks of the San Juan River, downstream, through section 21.

Beginning at the witness meander corner of sections 21 and 28 on the right bank of the river, set at 36.45 chains N 89°59' W, between sections 21 and 28.

Thence, with traverse line along the right rim.

N 78°00' W, 9.80 chains.

N 73°30' W, 10.80 chains to A. P. No. 8, whence

Point A, right bank, bears S 11°10' E, 2.08 chains. (Computed distance)

Thence,

S 89°15' W, 3.50 chains to A. P. No. 9, whence

Point A, right bank, bears S 62°56' E.

Thence

N 84°15' W, 6.80 chains to A. P. No. 10, whence

Point B, right bank, bears S 61°45' W, 1.80 chains. (Computed distance)

Thence

N 84°15' W, 7.00 chains, to A. P. No. 11, whence.

Point B, right bank, bears S 73°54' E,

Thence

N 87°00' W, 3.50 chains.

N 75°00' W, 3.24 chains to the witness meander corner of sections 20 and 21, on the right bank of the river set at 7.45 chains N 0°03' W between sections 20 and 21.

The true meander line, along the right bank of the

river, conputed fron the foregoing data, are as follows:

Beginning at the true point for the meander corner of sedtions 21 and 28, on the right bank of the river, at 44.49 chains N 89°59' W between sections 21 and 28.

Thence, downstream, along mean high water on the right bank of the river through section 21, over rough and broken ledges of barren sandstone.

N 75°04' W, 11.91 chains to Point A.

N 81°33' W, 12.39 chains to Point B. At.50 chains on this course a draw enters the river from the north.

N 81°54' W, 12.13 chains to the true point for the meander corner of sections 20 and 21 at 6.59 chains N 0°03' W between sections 20 and 21.

Land, rough and broken ledges of barren sandstone.

Soil, sandy loam in pockets in the sandstone

Timber, none.

Undergrowth, none.

Grazing, none.

True meander line along the left bank of the San Juan River, downstream, through section 21.

Between the true point for the meander corner of sections 21 and 28, left bank at 62.99 chains N 89°59' W between those sections and the true point for the meander corner of sections 20 and 21, left bank, at 1.54 chains N 0°03' W, between those sections the bank, at mean high water, has no irregularities, and the course and distance of the true meander line is accomplished by computation between those points and yields:

N 84°56' W, 17.44 chains.

Land, steep slopes and barren ledges of sandstone

Soil, sandy loam in pockets in the sandstone.

Timber. none.

Undergrowth, none.

Grazing, none.

Meander of the right bank of the San Juan River, through section 20, downstream.

Beginning at the true point for the meander corner of sections 20 and 21 at 6.59 chains between those sections

Thence, downstream, along mean high water, along a sloping bench of sandstone, with a narrow strip of clay at the water's edge.

N 68°30' W, 7.59 chains.

N 78°15' W, 8.97 chains

N 80°45' W 6.10 chains

N 74°00' W, 5.90 chains. At 4.80 chains on this course a low sandstone spur projects about .50 chains into the river.

N 65°15' W, 2.80 chains. At .50 chains a draw enters the river from the north.

N 72°30' W, 4.00 chains.

N 79°00' W, 2.15 chains.

N 65°30' W, 5.45 chains. At .20 chains a draw enters the river from the north.

N 52°00 W, 1.70 chains, along a low sand beach.

N 66°00' W, 11.80 chains, along a low sandstone ledge.

N 76°45' W, 22.90 chains. At 2.20 chains a draw enters the river from the north, thence along a 4 ft cut bank of loose clay and sand.

N 55°30' W, 5.70 chains to the true point for the meander corner of sections 19 and 20, right bank, at 33.26 chains N 0°03' W between those sections.

Land, in the eastern portion, high sandstone ledges gradually lessening in heigth and finally disappearing into the ground, in the western part the bank is an open and rocky bench, with a narrow strip of clay and sand along the waters edge.

Soil, sand and clay in the west part.

Timber, few small willows.

Undergrowth, grass and squaw-brush

Grazing, none.

Meander of the left bank of the river, downstream throu
section 20,

Beginning at the true point for the meander corner of sections 20 and 21, left bank, at 1.54 chains N 0°03' between those sections.

Thence, downstream, along mean high water along the left bank, over a rocky sandstone ledge, few scattered trees and scant undergrowth.

N 75°00' W, 20.18 chains.

N 83°00' W, 6.50 chains

N 73°00' W, 11.02 chains.

N 70°00' W, 11.30 chains.

N 68°00' W, 16.05 chains.

N 88°00' W, 13.40 chains.

N 55°00' W, 5.60 chains to the meander corner of section 19 and 20, left bank, set at 24.43 chains N 0°03' W between those sections.

Land, rocky, with sandstone outcrops.

Soil, shallow sandy loam, 3rd rate.

Timber, few small willows.

Undergrowth, willows and squaw-brush.

No grazing.

Meander of the right bank of the San Juan River, through section 19, downstream.

Beginning at the true point for the meander corner of sections 19 and 20, right bank, at 33.26 chains N 0°03' W between those sections

Thence, downstream, along mean high water, along a 4 ft. cut bank of clay and sand, no vegetation.

N 63°30' W, 10.90 chains, to a point from which a signal of the U. S. G. S. bears N 89°11' E, 5.95 chains. This is also the approximate location of Clay Hill Crossing'. Thence with meanders:

N 73°45' W, 15.60 chains: Leave cut bank, thence along a red sandstone ledge about 10 ft. high.

S 79°30' W, 10.00 chains.

S 75°45' W, 9.50 chains.

S 48°00' W, 9.90 chains.

S 30°15' W, 9.00 chains.

S 41°30' W, 3.40 chains, leave ledge bank, thence along a cut bank of red clay, about 5 ft. high.

S 40°00' W, 5.70 chains

S 36°45' W, 11.10 chains

S 11°00' W, 8.50 chains to the true point for the meander corner of sections 19 and 30, at 9.89 chains East between sections 19 and 30, right bank.

Land, abrupt slopes at the base of high ledges to the west. the river is rapidly cutting into the base of the ledges and in some places the bank is vertical.

Soil, loose to partly consolidated clay, red in color.

Timber, none.

Undergrowth, none.

No grazing.

Meander of the left bank of the San Juan River, down stream, through section 19.

Beginning at the meander corner of sections 19 and 20 on the left bank of the river at 24.43 chains N 0°03' W between sections 19 and 20.

Thence along mean high water, downstream, along a rocky and steeply sloping bank, no vegetation, bank about 30 feet high.

N 61°38' W, 3.99 chains.

N 68°30' W, 5.00 chains.

N 78°00' W, 5.00 chains.

N 83°30' W, 3.00 chains. At the end of the course is the approximate location of Clay Hill Crossing; leave cut bank and enter on a low and sandy beach: Thence

S 80°30' W, 10.00 chains.

S 50°00' W, 19.30 chains

S 38°00' W, 5.00 chains.

S 35°30' W, 14.10 chains to the meander corner of sections 19 and 30, set at 27.91 chains East between sections 19 and 30, on the left bank of the river.

Land, in the major portion, a low sandy accreation bank.

Soil, deep sand, 2nd rate.

Timber, none,

Undergrowth, none.

No grazing.

Meander of the right bank of the San Juan River, down stream, through section 30.

Beginning at the true point for the meander corner of sections 19 and 30 on the right bank of the river at 9.89 chains East between sections 19 and 30;

Thence, along mean high water, along a 4 foot cut bank of clay and conglomerate, no vegetation.

S 21°00' W, 9.60 chains.

S 35°15' W, 4.50 chains.

S 17°15' W, 13.20 chains to the true point for the meander corner of sections 25 and 30 on the West boundary of the township at 54.71 chains North between sections 25 and 30. The boundary crosses the right bank again at 39.00 chains North between sections 25 and 30: Resuming the meander of the right bank at that point, thence along a 5 foot cut bank:

S 79°30' E, 2.00 chains.

S 13°15' E, 10.50 chains.

S 25°30' E, 12.30 chains.

S 15°00' E, 6.50 chains.

S 6°30' E, 8.40 chains.

S 7°45' W, 2.80 chains to the meander corner of sections

30 and 31, on the right bank of the river at 11.97 chains East between sections 30 and 31.

Land, low rolling hills, with a 4 or five foot cut bank along the river.

Soil, rocky clay, 4th rate.

Timber, none.

Undergrowth, none.

Grazing, none.

Meander of the left bank of the San Juan River, down stream, through section 30.

Beginning at the meander corner of sections 19 and 30 on the left bank of the river at 27.91 chains East between sections 19 and 30.

Thence, downstream, along mean high water on the left bank, over a low sandy beach, no vegetation.

S 12°53' W, 24.62 chains.

S 6°30' W, 17.90 chains.

S 6°15' E, 4.10 chains.

S 12°00' E, 35.00 chains to the meander corner of sections 30 and 31, on the left bank of the river at 28.06 chains East between sections 30 and 31.

Land, low rolling sand banks.

Soil, deep sand, 3rd rate.

Timber, none.

Undergrowth, none

Grazing, none.

Meander of the right bank of the San Juan River, down stream, through section 31.

Beginning at the meander corner of sections 30 and 31 on the right bank of the river, set at 11.79 chains East between sections 30 and 31.

Thence downstream, along mean high water through secti 31, over a 5 foot cut bank, no vegetation.

S 3°30' W, 6.32 chains.

S 9°30' W, 5.80 chains.

S 21°15' W, 5.20 chains.

S 37°30' W, 10.30 chains.

S 3°00' E, 6.60 chains, leave cut bank and enter accretion area, thence along a low sandy beach with a few scattered trees along shore.

S 42°00' W, 4.30 chains to the true point for the meander corner of sections 31 and 36, on the West boundary of the township, at 45.15 chains North between sections 31 and 36.

Land, low, rolling hills of sand, small cobble stones on the north.

Soil, sandy to rocky loam 2nd rate.

Timber, none.

Undergrowth, none.

Grazing, none.

Meander of the left bank of the San Juan River, down stream, through section 31.

Beginning at the meander corner of sections 30 and 31 on the left bank of the river, at 28.06 chains East, between sections 30 and 31.

Thence, downstream, along mean high water through sectio 31, along a low sandy beach, no vegetation.

S 02°30' W, 6.49 chains.

S 23°45' W, 14.00 chains.

S 33°30' W, 5.00 chains

S 40°15' W, 20.40 chains

S 53°45' W, 7.60 chains to the meander corner of section 31 and 36 on the left bank of the river, set 36.51 chains North between sections 31 and 36 on the West boundary of the township.

T 40 S. R. 14 E.

Meanders

Land, low sand hills.

Soil, deep sand, 2nd rate.

Timber, none.

Undergrowth, willow and shadscale.

No grazing.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines Designated	True Bearings	Distances.	Latitudes North	Latitudes South	Departures East	Departures West
South Boundary	West	480.00				480.00
West Boundary	North	480.00	480.00			
North Boundary	S.89°59'E.	479.24		.14	479.24	
East Boundary	South	480.00		480.00		
Convergency		.55			.55	
Totals			480.00	480.14	479.79	480.00
				480.00		479.79
Errors in latitudes and departures				.14		.21

GENERAL DESCRIPTION.

The land south of the San Juan River consists, in general, of low rolling hills, with a general north exposure and drainage. The hills in the extreme south have a gentle slope, gradually becoming more abrupt and ragged as the river is approached. The land north of the river and south of a line running in a northeasterly direction through sections 16,17,9 and 3 is a gently sloping bench, with a general southeast exposure. The drainage of this bench is southwest into the San Juan River. The bench is broken by numerous draws having steep walls of sandstone. As the draws on both sides approach the river they gradually deepen their channels and enter the river through deep box canyons cut into solid sandstone. The river in the east four miles flows through a deep canyon with vertical walls incised in a red sandstone. The height of these walls on the east boundary is

in excess of three hundred feet and gradually diminishes, until in section 20 the river emerges from the canyon and flows through an open valley. On both banks, where the river is in the box canyon, the country for about one-half of a mile back is barren sandstone. On the right bank, starting about three quarters of a mile below Clay Hill Crossing and extending about a mile down the river is a high bank of red shale projecting to the water's edge. The rapid erosion of this bank, both by the river and by rain and melting snows make the trail to Castle Creek almost impassable. The land in the northwest rises rapidly to a high ridge separating Mike's Canyon on the west from the Clay Hill Crossing country to the east. On the southwest end of this ridge is Mike's Mesa. This is an island butte about four miles long and one-half of a mile wide, extending about one-half of a mile into section 18. The rims of the mesa are a vertical sandstone ledge, about three hundred feet high and rising almost one thousand feet above the ridge. To the northeast of the mesa and on the same ridge is a long narrow point of sandstone, extending almost a mile into section 4. Running diagonally through section 6 is another of these points. The two points and the mesa are all of the same formation a red sandstone.(Wingate Sandstone) Mike's Canyon, in the northwest corner of the township has a broad and rather flat bottom. It drains southwest into the San Juan River.

The soil in the lower parts, on both sides of the river, is a light sandy loam, with much loose gravel and small rocks mixed with it. It is very shallow near the river, becoming deeper and having more clay further back. Along the foot of the slope leading to the ridge along Mike's Mesa the soil is almost entirely a heavy

clay.

The only timber in the township is a few dwarf pinon and juniper, in the higher portions to the northwest. It is of no commercial value. The undergrowth consists of shadscale, mountain rush, sagebrush, amole plant and buckbrush. In the bottom of Mike's Canyon occurs a good growth of bunch grass and sagebrush.

The major portion of the township, on both sides of the river has been overstocked for a number of years and most of the forage plants have been destroyed; this is especially noticeable on the north side along the trail to Clay Hill Crossing. Here the cattle are forced, by reason of a lack of other water, to rely on the river for water, and along the trail the vegetation has been almost entirely killed. In Mike's Canyon there have been no cattle for a period of years and the grass, in particular shows a marked improvement. At the time of the survey there were a few Indian horses running in the canyon. With the exception of Mike's Canyon the land has little value for grazing at the present time.

Aside from the river, living water was noted in four places; the middlefork of Mike's Canyon, where a stream of good water, 2 links wide and 2 inches deep is to be found. This is fed by small seeps just north of the north boundary of section 6. A pool locally known as Frenchy's Pool is located in the southeast quarter of section 28. A small alkaline seep, 3.60 chs. east of the ½ sec. cor. for sections 17 and 20, and a seep in the northwest ¼ of the northwest ¼ of section 14. The river may be reached by stock on the north bank only at Clay Hill Crossing and for a short distance in section 31. On the south side it is accessible from the crossing to the point where it leaves the west boundary.

Clay Hill Crossing, in section 19, is used at low stages of the water for crossing livestock. This makes an excellent ford as the bottom is of rock and furnish-

es a sure footing for the animals.

The trail from Collin's Cave to Clay Hill Crossing and from Clay Hill Crossing to Castle Creek, is little used and is very dim and hard to follow. It is used occasionally by stock men and by tourist parties.

There were no surface indications of commercial deposits of mineral noted, nor any drilling operations for oil in the township. There were no settlers or Indian camps at the time of the survey.

BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Robert C. Yundt, U. S. Surveyor, do hereby certify on honor that, according to the record in his original field tablets that

Edie, S. C. Smith, U. S. Transitman, deceased, in pursu

of special instructions received from the ~~District Cadastral Engineer~~ U. S. Surveyor General for Utah

bearing date of the 24th day of September, 1923, has well, faithfully, and t

in his own proper person, and in strict conformity with said instructions, the Manual of Surveying Inst

tions, and the laws of the United States, surveyed all those parts or portions of the west bounda

subdivisions and the meanders of the San Juan River in Township 40

South, Range 14 East

of the Salt Lake

Meridian, in the State of Utah, which are represented

the foregoing field notes as having been executed by him, and under his direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instr

tions, and the special written instructions of the ~~District Cadastral Engineer~~ U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey, compiled by me from the original field tablets of Edie S. C. Smith, U. S. Transitman, deceased.

Certified to at Salt Lake City, Utah on March 14, 1930

Robert C. Yundt
U. S. Surveyo

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

, 19

The foregoing field notes of the survey of

executed by

under his special instructions dated , 19 , having bee

critically examined, and the necessary corrections and explanations made, the said field notes, and the survey

they describe, are hereby approved.

U. S. Supervisor of Surveys

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

~~, has been correctly copied from the original notes on file in this office.~~

U. S. Supervisor of Surv

BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney R. Reese	Chainman
Chas. A. Sleeper	Chainman
Henry Snyder	Chainman
Kimball D. Williams	Chainman
George Hurlburt	Chainman
Joel R. Huff	Chainman
Joe Hunt	Flagman
Rufus Allen	Cornerman
M. C. Gregory	Cornerman
Frank Wyatt	Cornerman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

We, Chas. F. Moore & Robert C. Yundt, U. S. Surveyors hereby certify upon honor that, in purs
of special instructions received from the ~~District Cadastral Engineer~~ U. S. Surveyor General for Utah
bearing date of the 24th day of September, 1923, we have well, faithfully, and
in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Inst
tions, and the laws of the United States, surveyed all those parts or portions of the west and
north boundaries, subdivisions and the meanders of the San Juan Riv
in Township 40 South, Range 14 East,

of the Salt Lake
Meridian, in the State of Utah, which are represente
the foregoing field notes as having been executed by me, and under my direction; and that all the corner
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instr
tions, and the special written instructions of the ~~District Cadastral Engineer~~ U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

Certified to at
Salt Lake City, Utah
March 14, 1930

Chas. F. Moore
U. S. Surveyo
Robert C. Yundt
U. S. Survey

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, DEC 27 1934, 19

The foregoing field notes of the survey of the west and north boundaries, subdivisions and the meanders of the San Juan River in Township 40 South, Range 14 East of the Salt Lake Meridian, in the State of Utah

executed by Chas. F. Moore & Robert C. Yundt, U. S. Surveyors and Edie S. C. Smith, U. S. Transitman.
under his special instructions dated September 24th, 19 30 having be
critically examined, and the necessary corrections and explanations made, the said field notes, and the surve
they describe, are hereby approved.

U. S. Supervisor of Surve

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~, has been correctly copied from the original notes on file in this office.~~

U. S. Supervisor of Sur

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4—879
(April 1938)

A

BOOK A-500

RECEIVED
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF THE WEST BOUNDARY AND

PORTION OF THE NORTH BOUNDARY: SURVEY

OF THE EAST AND SOUTH BOUNDARIES,

THE SUBDIVISION, AND A PORTION

OF THE NORTH BOUNDARY

OF

T. 27 S., R. 4 E.

Of the Salt Lake *Meridian,*

the State of Utah

EXECUTED BY

Elliot Bird, U.S. Surveyor

der special instructions dated February 3 *, 19* 33 *, which provided*

the surveys included under Group No. 134 *, bearing the approval of the*

mmissioner of the General Land Office under date of July 19, 1929

d assignment instructions dated July 7 *, 19* 33.

Survey commenced July 17 *, 19* 33.

Survey completed November 17 *, 19* 33.

BOOK A-500

INDEX DIAGRAM.

Township 27 South, *Range* 4 East

	28	26	24	22	20	17	
	14 **6** 130	132 **5** 129	109 **4** 108	17 94 **3** 92	17 77 **2** 76	16 62 **1** 61	47
3	12 **7** 126	128 **8** 125	106 **9** 105	91 **10** 89	75 **11** 73	59 **12** 58	45
3	10 **18** 122	123 **17** 120	103 **16** 102	88 **15** 86	72 **14** 71	57 **13** 55	43
3	8 **19** 117	119 **20** 116	101 **21** 99	85 **22** 83	69 **23** 68	54 **24** 53	42
2	6 **30** 113	114 **29** 112	97 **28** 96	82 **27** 81	67 **26** 66	51 **25** 50	40
2	4 **31** 37	111 **32** 35	95 **33** 33	79 **34** 32	64 **35** 30	49 **36** 29	38
2							

6—151

T. 27 S., R. 4 E.

The survey of T. 27 S., R. 4 E., S. L. M., Utah, was commenced July 17, 1933, and executed with Buff and Buff transit No. 18003.
The instrument was approved for use on this survey by the district cadastral engineer, for Utah, conditional upon satisfactory field tests, in assignment instructions dated July 7, 1933.
The instrument is equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.
All lines of this survey were projected by fore and back sights from meridians determined by hour angle observations made upon Polaris, three of which appear in these notes; the solar attachment was not used.

July 17, 1933: At the corner of Tps. 27 and 28 S., Rs. 4 and 5 E., S. L. M., Utah, in approximate latitude 38° 25' N., and longitude 111° 25' W., latitude and longitude being computed from the Thousand Lake Mountain Coast and Geodetic Triangulation Station, which is located on Thousand Lake Mountain, 37.02 chs. N. and 2.95 chs. W. of the ¼ section corner on the south boundary of section 33, T. 27 S., R. 4 E., S. L. M., Utah, which gives latitude 38° 25'01.139" N., and longitude 111° 28' 42.514" W.; at 10h 54.3m a. m. by my watch which carries correct 105th meridian time, comparison being made with a Western Union clock at Salina, Utah, July 16, 1933, I make an hour angle observation on Polaris, west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 40.00 chains north, in the direction west to Polaris.

Mean l. m. t. of observation-------10h 28.6m a. m.
Mean horizontal deflection angle
from flag pole to Polaris ---------1° 15.9'W.
Mean hour angle of Polaris --------4h 29.8m.
True bearing of flag pole ---------North.

July 28, 1933: At the corner of sections 32 and 33, on the south boundary of T. 26 S., R. 4 E., S. L. M., Utah, in approximate latitude 38° 30' N., and longitude 111° 29' W., latitude and longitude being computed from the Thousand Lake Mountain Coast and Geodetic Triangulation Station, heretofore mentioned; at 9h. 30.8m a. m. by my watch which carries 105th meridian time, comparison being made with a Western Union clock at Salina, Utah, July 26, 1933, I make an hour angle observation on Polaris, west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 40.00 chains north, in the direction west to Polaris.

Mean l. m. t. of observation----------9h 04.7m a. m.
Mean horizontal deflection angle
from flag pole to Polaris----------1° 18.2' W.
Mean hour angle of Polaris ----------4h 49.1m
True bearing of flag pole ----------North.

August 5, 1933: At the corner of sections 3, 4, 33, and 34, on the south boundary of T. 27 S., R. 4 E., S. L. M., Utah, in approximate latitude 38° 25' N., and longitude 111° 29' W., latitude and longitude being computed from the Thousand Lake Mountain Coast and Geodetic Triangulation Station, heretofore mentioned;

Chains at 10h 39.4m a. m. by my watch which carries correct 105th meridian time, comparison being made with a Western Union clock at Salina, Utah, August 4, 1933, I make an hour angle observation on Polaris, west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 25.00 chains north, in the direction west to Polaris.

Mean l. m. t. of observation --------10h 13.6m a. m.
Mean horizontal deflection angle
from flag pole to Polaris ----------1° 20.5'.W.
Mean hour angle of Polaris----------5h 29m.
True bearing of flag pole----------North.

The instrument was kept in good ajustment throughout the progress of the survey, and numerous hour angle observations were taken on Polaris to determine meridians from which the lines of the survey were deflected.
The magnetic declination at each of the above stations was found to be 16° 30' E.

Measurements.

Unless otherwise specified all measurements are made with Lallie steel tapes, 5 chains in length compared with a Lufkin standard steel tape one chain in length and found correct. The measurements are made on the slope, the vertical angle determined with two large improved clinometers, and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Reestablishment of surveys executed by
Andrew P. Hanson, U.S. Deputy
Surveyor in 1895.

Random Lines.

From the original cor. of Tps. 27 and 28 S., Rs. 3 and 4 E., hereinafter described.

North, bet. secs. 31 and 36.

39.76 Fall 90 lks. W. of the original ¼ sec. cor. of secs. 31 and 36, hereinafter described.

The bearing of this half mile therefore is, N. 1° 18' E., and the distance is 39.77 chs.

From the ¼ sec. cor.

North, with continuous measurement.

38.86 Fall 1[illegible] lks. E. of the original cor. of secs. 25, 30, 31, and 36, hereinafter described.

The bearing of this half mile therefore is, N. 0° 17' W., and the distance is 38.86 chs.

From the cor. of secs. 25, 30, 31, and 36.

North, bet. secs. 25 and 30.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains	
40.00	Find no trace of the original ¼ sec. cor. of secs. 25 and 30.
	Continue North, on same line with continuous measurement, making searches at intervals of 40 and 80 chs., and at;
161.50	Fall 70 lks. W. of the original cor. of secs. 13, 18, 19, and 24, hereinafter described.
	The bearing of the line from the cor. of secs. 25, 30, 31, and 36, to the cor. of secs. 13, 18, 19, and 24, therefore is N. 0° 15' E., and the proportionate distance for each half mile is 40.375 chs.

	From the cor. of secs. 13, 18, 19, and 24.
	North, bet. secs. 13 and 18.
39.99	Fall 13 lks. W. of the original ¼ sec. cor. of secs. 13 and 18, hereinafter described.
	The bearing of this half mile therefore is N. 0° 11' E., and the distance is 39.99 chs.
	From the ¼ sec. cor.,
	North, with continuous measurement.
79.74	Fall 12 lks. W. of the original cor. of secs. 7, 12, 13, and 18, hereinafter described.
	The bearing of this half mile therefore is N 0° 10' E., and the distance is 39. 75 chs.

	From the cor. of secs. 7, 12, 13, and 18.
	North, bet. secs. 7 and 12.
40.00	Fall 2 lks. W. of the original ¼ sec. cor. of secs. 7 and 12, hereinafter described.
	The bearing of this half mile therefore is N. 0° 02' E., and the distance is 40.00 chs.
	From the ¼ sec. cor.,
	North, with continuous measurement.
80.01	Fall 33 lks. W. of the original cor. of secs. 1, 6, 7, and 12, hereinafter described.
	The bearing of this half mile therefore is N. 0° 28' E., and the distance is 40.01 chs.

	From the cor. of secs. 1, 6, 7, and 12.
	North, bet. secs. 1 and 6.
40.25	Fall 22 lks. W. of the original ¼ sec. cor. of secs. 1 and 6, hereinafter described.
	The bearing of this half mile therefore is N. 0° 19' E., and the distance is 40.25 chs.

U. S. GOVERNMENT PRINTING OFFICE: 1933 6—8155

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains	
	From the ¼ sec. cor.,
	North, with continuous measurement.
80.33	Fall 63 lks. E. of the original cor. of Tps. 26 and 2 S., Rs. 3 and 4 E., hereinafter described.
	The bearing of this line therefore is N. 0° 54' W., and the distance is 40.08 chs.

True Lines.

The original cor. of Tps. 27 and 28 S., Rs. 3 and 4 E. is a volcanic stone 8 x 8 x 6 ins. above ground, firml set, and plainly marked 6 notches on N., S., E., and W edges, witnessed by a small mound of stone to the S. c the cor. monument.

At the cor. point with the original cor. alongside.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Tps. 27 and 28 S., R. 3 E. onl with brass cap marked

T27S S36	T27S
	R4E
S1 R3E	S31

1933 from which

A spruce, 10 ins. diam., bears N.35° 30' W., 156 lks dist., marked T27S R3E S36 BT.

No bearing tree in sec. 1, T. 28 S., R.3 E. available.

(Cor. is North 7.18 chs. dist. from the closing cor. of Tps. 27 and 28 S., R. 4 E., hereinafter described.)

Thence:

N. 1° 18' E., along E. bdy. of sec. 36, T. 27 S., R. 3

Descend gradually over steep NW. slope of broken mountainous land, through medium dense undergrowth of sage, deer, service berry, and wild currant brush.

1.90	Enter dense aspen, scattered spruce, and red pine timbe bears NE and SW.
12.90	Stream of good water, 10 lks. wide, 4 ins. deep, in bottom of draw, 125 ft. below cor., course N. 60° W.; continue gradual descent along W. slope.
19.50	Small draw, 20 ft. below stream, drains W.; ascend broken SW. slope; spruce and red pine timber becomes dense and aspen timber scattered, bears E. and W.
27.95	A Forest Service trail bears S. 30° W. and N. 70° E.
29.10	Broken spur, 85 ft. above draw, projects S. 30° W.; descend gradually over broken general W. slope.
32.86	Point midway bet. closing cor. of Tps. 27 and 28 S., R. 4 E., and closing cor. of secs. 30 and 31, T. 27 S., R. 4 E.; on broken NW slope, 15 ft. below spur, in dense spruce and red pine timber and scattered aspen.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 31 only, with brass cap marked

¼ S31

1933

from which:

A spruce, 12 ins. diam., bears N. 28° 30' E., 6 lks. dist., marked ¼ S31 BT.

A spruce, 8 ins. diam., bears S. 61° E., 22 lks. dist., marked ¼ S31 BT.

35.90 Draw, 40 ft. below ¼ sec. cor. sec. 31, drains S. 80° W.; ascend abrupt SW slope.

39.77 On steep SW. slope, 130 ft. above draw; the original ¼ sec. cor. secs. 31 and 36, which is a volcanic stone 15 x 10 x 6 ins. above ground, loosely set in mound of stone, plainly marked ¼ on W. face and witnessed by two bearing trees as follows.

A red cedar, 15 ins. diam., bears S. 83° E., 30 lks. dist., dimly marked ¼ S BT. I efface the marks on this bearing tree.

A pinon, 8 ins. diam., bears N. 59° W., 34 lks. dist., dimly marked ¼ S BT. I blaze and remark this tree ¼ S36 BT.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 36 only, with original cor. monument alongside, with brass cap marked

¼ S36

1933

from which:

I take an additional bearing tree as follows:

A red pine, 20 ins. diam., bears S 52° 30' W., 49 lks. dist., marked ¼ S36 BT.

Thence:

N. 0° 17' W., with continuous measurement.

58.27 Broken top of ridge, 400 ft. above ¼ sec. cor. sec. 36, bears S 75° E. and N 75° W.; descend over broken NW. slope; timber becomes dense aspen, scattered spruce and red pine, bears with ridge.

72.89 Point for closing cor. of secs. 30 and 31, hereinafter described, 140 ft. below ridge.

74.60 Timber becomes dense spruce and red pine, bears E. and W.

77.30 Small stream, 2 lks. wide, 1 in. deep, in draw 35 ft. below closing cor. of secs. 30 and 31, course N 75° W.; ascend gradually over broken SW. slope.

78.63 On broken SW. slope, 30 ft. above stream; the original cor. of secs. 25, 30, 31, and 36, which is a volcanic stone 12 x 10 x 8 ins. above ground, firmly set, plainly marked 1 notch on S. edge and 5 notches on N. edge,

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

witnessed by 3 bearing trees, as follows:

A red pine, 15 ins. diam., bears N. 12° 30' E. 37 l dist., upon which I find dim [illegible] marks. I efface the marks on this bearing tree.

A spruce, 16 ins. diam., bears S. 52° E. 24 lks. di dimly marked T27S R4E S31 BT. I efface the marks on this bearing tree.

A spruce, 18 ins. diam., bears S. 2° 30' W., 25 lks. dist., dimly marked T27S R3E S36. I blaze and remar this bearing tree T27S R3E S36 BT.

No trace of the NW bearing tree could be found.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of secs. 25 and 36, T. 27 S., R. 3 E. onl with brass cap marked

T27S S25	T27S
	R4E
S36 R3E	S30

1933

I take an additional bearing tree to this cor. as foll

A spruce, 12 ins. diam., bears N. 13° 30' W., 32 lks dist., marked T27S R3E S25 BT.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow yellow clay and loose sand, mixed with rock and gravel; 4th rate. Sandstone and volcanic formation.

Undergrowth, deer, wild currant, wild rose, service berry, and sage brush.

Timber, red pine, spruce, and aspen.

Good grazing land.

N. 0° 15' E. along the E. bdy. of sec. 25.

Ascend abrupt SW. slope of broken mountainous land through dense spruce, red pine, and scattered aspen timber and undergrowth of medium dense deer, rose, and currant brush and mountain juniper.

2.50 Timber becomes scattered, bears E. and W.

6.00 Broken spur, 75 ft. above cor., projects W.; descend over broken NW. slope.

7.90 Timber becomes dense spruce and red pine, bears NE. and

16.60 Change of slope from broken NW. slope to broken E. slo bears NW. and SE. Timber becomes dense aspen, medium de

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	red pine and spruce, bears with change of slope.
21.50	Slope changes from broken N. slope to steep broken NW. slope, bears S. 70° E. and N. 70° W.
30.00	Center of small circular lake in swamp, 1.50 chs. diam., 290 ft. below spur, in draw that drains N. 70° W.; ascend gradual SW. slope.
34.27	Point midway bet. closing cor. of secs. 19 and 30, and closing cor. of secs. 30 and 31, T. 27 S., R. 4 E.; on broken S. slope, 25 ft. above swamp.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 30 only, with brass cap marked ¼ S30 1933 from which:
	A spruce, 16 ins. diam., bears N. 15° E., 73 lks. dist., marked ¼ S30 BT.
	A spruce, 8 ins. diam., bears S. 27° E., 50 lks. dist., marked ¼ S30 BT.
34.90	Spur, 15 ft. above ¼ sec. cor., projects N. 70° W.; descend gradually over general broken W. slope.
37.80	Draw, 40 ft. below spur, drains W.; ascend gradual S. slope.
39.00	Spur, 20 ft. above draw, projects N. 70° W.; descend gradual W. slope.
40.20	Draw, 20 ft. below spur, drains N. 70° W.; ascend gradual S. slope.
40.375	Proportionate point; on gradual S. slope near bottom of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for reestablished ¼ sec. cor. sec. 25 only, with brass cap marked ¼ S25 1933 from which:
	An aspen, 6 ins. diam., bears N. 29° W., 67 lks. dist., marked ¼ S25 BT.
	A spruce, 8 ins. diam., bears S. 29° W., 36 lks. dist.; marked ¼ S25 BT.
43.30	Broken spur, 25 ft. above ¼ sec. cor., projects W.; descend gradually over broken NW. slope.
52.40	Enter dense spruce and red pine timber, bears E. and W.
58.80	Spur, 165 ft. below last spur, projects N. 50° W.; descend gradually over broken NW. slope.
68.70	Draw, 90 ft. below spur, drains N. 60° W.; ascend gradual SW. slope.
74.28	Point for closing cor. of secs. 19 and 30, T. 27 S., R. 4 E., hereinafter described.

DEPENDENT RESURVEY OF WEST BOUNDARY T. 27 S., R. 4 E.

Chains.	
78.00	Spur, 70 ft. above draw, projects W.; descend gradual NW. slope through dense aspen, scattered red pine and spruce timber, and undergrowth of medium dense deer, currant, and rose brush, bears E. and W.
79.58	Old drag road, bears N. 60° W. and S. 60° E.
80.75	Proportionate point; on gradual NW. slope, 10 ft. below spur, in dense timber and medium dense undergrowth.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top for reestablished cor. of secs. 24 and 25, T. 27 S., R. 3 E. only, with brass cap marked

T27S S24	T27S R4E
S25 R3E	S19

1933

from which:

A spruce, 10 ins. diam., bears S. 81° W., 30 lks. dist., marked T27S R3E S25 BT.

An aspen, 2 ins. diam., bears N. 26° W., 7 lks. dist., marked BT.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow yellow clay and loose sand, mixed with rock and gravel; 4th rate. Sandstone and volcanic formation.

Undergrowth, deer, currant, and rose brush, and mountain juniper.

Timber, red pine, spruce, and aspen.

Good grazing land.

N. 0° 15' E., along the E. bdy. of sec. 24.

Descend gradual NW. slope of broken mountainous land, through dense aspen and red pine, and scattered spruce timber, and undergrowth of medium dense deer and currant brush and mountain juniper.

7.00	Draw, 95 ft. below cor. drains W.; ascend gradual broken SW. slope, through medium dense aspen and red pine, and scattered spruce timber, bears E. and W.
15.00	Broken spur, 35 ft. above draw, projects S. 70° W.; descend gradual broken NW. slope.
22.40	Small draw, 60 ft. below spur, drains S. 70° W.; ascend gradual S. slope.
25.70	Spur, 15 ft. above draw, projects W.; descend gradual broken NW. slope.
32.90	Small stream, 2 lks. wide, 1 in. deep, in draw, 95 ft. below spur, drains S. 70° W.; ascend gradual broken S. slope.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains	
33.49	Point midway bet. the closing cor. of secs. 18 and 19, and the closing cor. of secs. 19 and 30, T. 27 S., R. 4 E.; on broken S. slope, 10 ft. above stream. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and in a mound of stone to top, for the ¼ sec. cor. of sec. 19 only, with brass cap marked ¼ S19 1933 from which: A spruce, 12 ins. diam., bears N. 83° E., 18 lks. dist., marked ¼ S19 BT. A spruce, 6 ins. diam., bears S. 32° 30' E., 25 lks. dist., marked ¼ S19 BT.
38.20	Spur, 60 ft. above ¼ sec. cor., projects N. 80° W.; descend gradual N. slope.
40.375	Proportionate point; on gentle N. slope, 15 ft. above spur. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and in a mound of stone to top, for reestablished ¼ sec. cor. sec. 24 only, with brass cap marked ¼ S24 1933 from which: A red pine, 6 ins. diam., bears S. 68° 45' W., 38 lks. dist., marked ¼ S24 BT. A aspen, 5 ins. diam., bears N. 41° 30' W., 30 lks. dist., marked ¼ S24 BT.
45.00	Draw, 70 ft. below ¼ sec. cor., drains W.; descend gradually over broken NW. slope.
49.00	Begin abrupt descent over steep NW. slope, bears E. and W.
62.66	Forest Service telephone line, bears N. 60° E. and S. 60° W.
65.40	Stream of water, 10 lks. wide, 4 ins. deep, from Neff's Reservior, in draw, 320 ft. below ¼ sec. cor., drains W.; ascend gradual broken SW. slope
67.05	Old road, bears S. 70° W. to Lyman, Utah, and N. 70° E. to Elk Horn Ranger Station.
70.70	Timber becomes medium dense pinon and juniper, and scattered red pine, and undergrowth of medium dense sage, yellowtop, rabbit, and buck brush, bears N. 70° E. and S. 70° W.
73.45	Point for closing cor. of secs. 18 and 19, T. 27 S., R. 4 E., hereinafter described.
79.75	Road, bears NE. to sawmill and S. 39° W. to Lyman, Utah.
80.75	On spur, 145 ft. above stream, projects S. 70° W.; the original cor. of secs. 13, 18, 19, and 24, which is a volcanic stone 16x8x5 ins., lying on the ground, dimly marked 3 notches on one edge and 3 notches on opposite

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4

Chains.	
	edge, witnessed by 4 bearing trees as follows:
	A juniper, 10 ins. diam., bears N. 41° E., 26 lks. dist., plainly marked T27S R4E S18. I efface the marks on this bearing tree.
	A red pine, 12 ins. diam., bears S. 48° E., 81 lks. dist., upon which I find dim scrib marks. I efface the marks on this bearing tree.
	A juniper, 10 ins. diam., bears S. 62° W., 81 lks. dist., plainly marked T27S R3E S24. I add the mar BT. to this bearing tree.
	A pinon, 8 ins. diam., bears N. 50° W., 6 lks. dist plainly marked T27 R3 S13. I blaze and remark thi bearing tree T27S R3E S13 BT.
	At the cor. point:
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. i the ground, with the original cor. stone alongside, f the cor. of secs. 13 and 24 only, with brass cap mark
	T27S S13 | T27S R4E S24 R3E | S18 1933
	Land, broken and mountainous, with general westerly exposure and drainage.
	Soil, shallow red, white, and yellow clay and loose sand, mixed with rock and gravel; 4th rate. Sandstone, shale, and volcanic formation.
	Undergrowth, deer, currant, sage, rabbit, yellowtop, and buck brush, and mountain juniper.
	Timber, aspen, red pine, spruce, pinon, and juniper.
	Good grazing land.
	N. 0° 11' E. along the E. bdy. of sec. 13.
	Descend gradual NW. slope of broken mountainous land, through scattered juniper, pinon, and red pine, and undergrowth of medium dense sagebrush, and scattered deer and currant brush,
11.40	Draw, 160 ft. below sec. cor., drains SW.; ascend gradu SW. slope.
22.00	Broken spur, 30 ft. above draw, projects N.70°W.; desce gradual broken N. slope.
32.60	Draw, 65 ft. below spur, drains NW.; descend gradually along broken W. slope.
32.70	Point midway bet. the closing cor. of secs. 7 and 18, and the closing cor. of secs. 18 and 19, T. 27 S., R. 4 on broken W. slope near bottom of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in

Chains.	
	the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec.18 only, with brass cap marked ¼ S18 1933 from which: A red pine, 24 ins. diam., bears N. 71° 45' E., 442 lks. dist., marked ¼ S18 BT. A red pine, 16 ins. diam., bears S. 45° 45' E., 431 lks. dist., marked ¼ S18 BT.
39.99	On broken W. slope, 30 ft. below draw; the original ¼ sec. cor. secs. 13 and 18, which is a volcanic stone 12 x 12 x 6 ins. above ground, firmly set in the ground, plainly marked ¼ on W. face, and witnessed by a small mound of stone W. At the cor. point: Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for ¼ sec. cor. sec. 13 only, with brass cap marked ¼ S13 1933 from which: A red cedar, 14 ins. diam., bears S. 58° 45' W., 139 lks. dist., marked ¼ S13 BT. A red cedar, 8 ins. diam., bears N. 42° W., 205 lks. dist., marked ¼ S13 BT. Thence: N. 0° 10' E. with continuous measurement.
45.50	Rolling top of ridge, 20 ft. below ¼ sec. cor., bears W. and S. 60° E.; descend gradual N. slope.
51.80	Descent becomes abrupt over steep N. slope, through dense pinon and juniper, and scattered spruce, red pine, and red cedar timber, bears E. and N. 70° W.
54.00	Enter bottom of canyon, bears E. and N. 60° W.
56.60	Stream of good water, 2 lks. wide, 1 in. deep, in channel 50 lks. wide, 30 ft. deep, in bottom of canyon, 150 ft. below ridge, drains W. 1.00 ch. dist., thence N.; thence along canyon bottom.
63.60	Leave canyon bottom, bears S. 20° E. and N. 70° W.; ascend gradual broken SW. slope, through medium dense pinon and juniper timber, bears with bottom of canyon.
71.80	Enter scattered pinon and juniper timber, and undergrowth of dense sage and yellowtop brush, bears S. 70° E. and N. 60° W.
72.70	Point for the closing cor. of secs. 7 and 18, T. 27 S., R. 4 E., hereinafter described.
74.00	Spur, 75 ft. above stream, projects N. 75° W.; descend gradual NW. slope.
79.74	On gradual NW. slope, 30 ft. below spur; the original cor. of secs. 7, 12, 13, and 18, which is a volcanic stone, 18 x 6 x 6 ins. above ground, firmly set in the ground, plainly marked 4 notches on S. edge and 2

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains

notches on N. edge, and witnessed by a small mound of stone W. The original bearing tree in sec. 13 has dec

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. i the ground, with the original cor. monument alongside for the cor. of secs. 12 and 13 only, with brass cap marked

T27S S12	T27S
	R4E
S13 R3E	S7

1933

from which

A juniper, 14 ins. diam., bears S. 72° W., 214 lks. dist., marked T27S R3E S13 BT.

No bearing tree in sec. 12 available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of

Land, broken and rolling and mountainous, with general westerly exposure and drainage.

Soil, shallow red and white clay and loose sand, mixed with rock and gravel; 4th rate. Sandstone, shale, and volcanic formation.
Undergrowth, sage, yellow top, deer, and currant brush
Timber, pinon, juniper, red pine, red cedar, and spruc

Fair grazing land.

N. 0° 02' E. along the E. bdy. of sec. 12.

Descend gradual NW. slope of rolling mountainous land, through scattered pinon and juniper timber, and undergrowth of dense sagebrush.

16.70 Old ditch, 10 lks. wide, 18 ins. deep, drains S. 75° W

17. 0 Enter dense juniper and pinon and scattered red and yellow pine timber, bears SE and NW.

20.00 Draw, 15 ft. deep, drains NW.; continue gradual descen over NW. slope.

32.94 Point midway bet. the closing cor. of secs. 6 and 7, and the closing cor. of 7 and 18, T. 27 S., R. 4 E.; on gradual NW. slope, 240 ft. below cor. of secs. 12 and 13, T. 27 S., R. 3 E

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top for ¼ sec. cor. sec. 7 only, with brass cap marked

¼ S7

1933

from which:

A juniper, 5 ins. diam., bears N. 51° 15' E., 40 lks. dist., marked ¼ S7 BT.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	A juniper, 5 ins. diam., bears S. 47° E. 22 lks. dist., marked ¼ S7 BT.
34.70	Draw, 30 ft. below ¼ sec. cor., drains W.; ascend gradual S. slope.
37.80	Spur, 40 ft. above draw, projects NW.; descend gradual rolling NW. slope.
40.00	On gradual NW. slope, 20 ft. below spur; the original ¼ sec. cor. secs. 7 and 12, which is a volcanic stone 18 x 12 x 7 ins. above the ground, firmly set in the ground, plainly marked ¼ on W. face, witnessed by a small mound of stone W.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for the ¼ sec. cor. sec. 12 only, with brass cap marked
	¼ S12 | 1933
	from which:
	A pinon, 10 ins. diam., bears S. 3° W., 217 lks. dist., marked ¼ S12 BT.
	A pinon, 8 ins. diam., bears N. 31° W., 201 lks. dist., marked ¼ S12 BT.
	Thence:
	N. 0° 28' E. with continuous measurement.
45.20	Bend in wood road, bears N. 15° E. and S. 30° E.
52.90	Bend in same road, bears W. and SE.
53.90	Draw, 100 ft. below ¼ sec. cor., drains W. at base of mountain bearing NE. and SW.; ascend gradual SW. slope.
61.40	Small draw, 15 ft. deep, drains W.; continue ascent over gradual SW. slope.
70.50	Old road, bears N. 60° E. and S. 60° W.
72.92	Point for the closing cor. of secs. 6 and 7, T. 27 S., R. 4 E., hereinafter described.
75.80	Rolling top of spur, 100 ft. above base of mountain, projects W.; descend gradual NW. slope.
80.01	On gradual NW. slope, 25 ft. below spur, in medium dense timber and undergrowth; the original cor. of secs. 1, 6, 7, and 12, which is a volcanic stone 18 x 8 x 8 ins. above the ground, firmly set in the ground, plainly marked 5 notches on S. edge and 1 notch on N. edge, witnessed by 4 bearing trees as follows:
	A juniper, 18 ins. diam., bears N. 60° E., 6 lks. dist., marked T27S R4E S6. I efface the marks on this bearing tree.
	A juniper, 15 ins. diam., bears S. 23° E., 29 lks. dist., plainly marked T27S R4E S7. I efface the marks on this bearing tree.
	A juniper, 8 ins. diam., bears S. 68° 30' W., 17 lks. dist., plainly marked T27S R3E S12. I blaze and

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	remark this bearing tree T27S R3E S12 BT.
	A pinon, 14 ins. diam., bears N. 24° W., 21 lks. dis marked T27S R3E S1. I blaze and remark this bearin tree T27S R3E S1 BT.
	At the cor. point:
	Set an iron post, 3 ft. long, 2 ins diam., 18 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for the cor. of secs 1 and 12 only, with brass cap marked
	T27S S1 | T27S R4E S12 R3E | S6 1933
	Land, rolling mountainous, with general westerly exposu and drainage.
	Soil, shallow white clay and loose sand, mixed with roc and gravel. Volcanic, shale, and sandstone formation; 4 rate.
	Undergrowth, sage and deer brush.
	Timber, juniper, pinon, red pine, and yellow pine.
	Fair grazing land.
	N. 0° 19' E. along the E. bdy. of sec. 1.
	Descend gradual W. slope of rolling land, through mediu dense pinon and juniper and scattered red pine timber, and undergrowth of dense sagebrush and scattered rabbit brush.
10.00	Old road, bears NE. and SW., in draw, 30 ft. below sec. cor., drains SW.; ascend gradual SW. slope.
15.60	Stream of good water from Pole Canyon, 1 lk. wide, 1 in. deep, in wash 20 lks. wide, 5 ft. deep, drains S. 25° W. continue gradual ascent over SW. slope.
19.00	Wash, 30 lks. wide, 5 ft. deep, drains SW.; continue ascent over gradual SW. slope.
22.60	Old road, bears N. 60° E. and S. 60° W.
25.50	Wash, 10 lks. wide, 5 ft. deep, drains W.; continue ascent over gradual SW. slope.
28.00	Top of ascent, 25 ft. above draw, bears E. and W.; descend gradually over NW. slope of rolling bench land.
32.91	Northing of 40.00 chains from the closing cor. of secs. 6 and 7, T. 27 S., R. 4 E.; on gradual W. slope, 5 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. sec. 6 only, with brass cap marked

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	¼ S6 | 1933
	from which:
	A pinon, 6 ins. diam., bears N. 23° E., 88 lks. dist., marked ¼ S6 BT.
	A pinon, 6 ins. diam. bears S. 44° 30' E., 55 lks. dist., marked ¼ S6 BT.
40.25	On gradual NW. slope, 20 ft. below top of ascent; the original ¼ sec. cor. secs. 1 and 6, which is a volcanic stone 16 x 12 x 12 ins. above the ground, firmly set in the ground, plainly marked ¼ on W. face, witnessed by a small mound of stone W.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for the ¼ sec. cor. sec. 1 only, with brass cap marked
	¼ S1 | 1933
	from which:
	A juniper, 10 ins. diam., bears S. 77° W., 93 lks. dist., marked ¼ S1 BT.
	A pinon, 6 ins. diam., bears N. 74° W., 91 lks. dist., marked ¼ S1 BT.
	Thence:
	N. 0° 54' W. with continuous measurement.
50.25	Enter scattered pinon and juniper, bears N. 70° E. and SW.
62.45	Bottom of swale, 45 ft. below ¼ sec. cor., drains SW.; ascend gradual SW. slope.
63.45	Old road, bears E. and W.
72.91	Northing of 80.00 chains from the closing cor. of secs. 6 and 7, T. 27 S., R. 4 E.; on gradual SW. slope, 20 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 6, T. 27 S., R. 4 E., with brass cap marked
	T27S R3E S1 L1 | T27S R4E L4 S6 L5 1933
	raise a mound of stone 3 ft. base, 2 ft. high E. of cor.
80.33	On gradual SW. slope, level with lot cor.; the original cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., which is a volcanic stone 14 x 12 x 12 ins. above the ground, firmly set in the ground, plainly marked 6 notches on the S. E., and W. edges, and 6 grooves on the N. face, witnessed by:

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 27 S., R. 4 E.

Chains.

A juniper, 6 ins. diam., bears S. 35° 45' W., 82 lks dist., plainly marked T27S R3E,S1. I add the marks BT. to this bearing tree.

and also witnessed by a mound of stone, 2 ft. base, 2½ high S. of cor.

At the cor. point:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., wit brass cap marked

T26S

R3E	R4E
S36	S31
S1	S6

T27S

1933

raise a mound of stone 3½ ft. base, 3 ft. high, S. of cor.

Land, rolling bench , with general south-westerly exposure and drainage.

Soil, gray clay and loose sand, mixed with rock and gravel. Volcanic and sandstone formation.

Undergrowth, sagebrush and rabbit brush.

Timber, pinon, juniper, and red pine.

Fair grazing land.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R. 4

Reestablishment of surveys executed by
A. D. Ferron and A. Jessen,
U.S. Deputy Surveyors,
in 1892.

Random Lines.

From the original cor. of Tps. 26 and 27 S., Rs.4 and 5 E., hereinafter described.

West, bet. secs. 1 and 36.

40.11 Fall 43 lks. S. of the original ¼ sec. cor. secs. 1 and 36, hereinafter described.

The bearing of this half mile therefore is, N. 89° 23' W. and the distance is 40.11 chs.

From the ¼ sec. cor.

West, with continuous measurement.

80.01 Fall 35 lks. S. of the original cor. of secs. 1, 2, 35, and 36, hereinafter described.

The bearing of this half mile therefore is N. 89° 30' W., and the distance is 39.90 chs.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R. 4 E.

Chains.	
	From the cor. of secs. 1, 2, 35, and 36.
	West bet. secs. 2 and 35.
40.44	Fall 11 lks. S. of the original ¼ sec. cor. secs. 2 and 35, hereinafter described.
	The bearing of this half mile therefore is, N. 89° 51' W., and the distance is 40.44 chs.
	From the ¼ sec. cor.
	West, with continuous measurement.
80.76	Fall 21 lks. S. of the original cor. of secs. 2, 3, 34, and 35, hereinafter described.
	The bearing of this half mile therefore is, N. 89° 42' W., and the distance is 40.32 chs.

	From the cor. of secs. 2, 3, 34, and 35.
	West, bet. secs. 3 and 34.
40.55	Fall 28 lks. S. of the original ¼ sec. cor. secs. 3 and 34, hereinafter described.
	The bearing of this half mile therefore is, N. 89° 36' W., and the distance is 40.55 chs.
	From the ¼ sec. cor.
	West, with continuous measurement.
80.55	Find no trace of the original cor. of secs. 3, 4, 33, and 34.
	The bearing of this half mile therefore is, West, and the distance is 40.00 chs.

True Lines.

The original cor. of Tps. 26 and 27 S., Rs. 4 and 5 E., is a volcanic stone 18 x 18 x 16 ins. above ground, firmly set, and plainly marked 6 notches on the N., S., E., and W. edges, witnessed by one bearing tree as follows:

A juniper, 8 ins. diam., bears N. 41° 45' E., 30 lks. dist., poorly marked S31 T26S R5E BT. I blaze and remark this bearing tree T26S R5E S31 BT.

At the cor. point:

Set an iron post, 3 ft long, 3 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of Tps. 26 S., Rs. 4 and 5 E. only, with brass cap marked

T26S
R4E | R5E
S36 | S31
S1
T27SR4E

1933

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R.

Chains.	
	I take an additional bearing tree to cor. as follows;
	A pinon, 10 ins. diam., bears N. 56° W., 305 lks. dist., marked T26S R4E S36 BT.
	(Cor. is West, 12.54 chs. dist. from the closing cor. of Tps. 27 S., Rs. 4 and 5 E., hereinafter described.)
	Thence:
	N. 89° 23' W. along the S. bdy. of sec. 36, T. 26 S., R. 4 E.
	Ascend abrupt NE. slope of broken mountainous land, through scattered juniper and pinon timber, and undergrowth of medium dense service berry, buck, and bitter brush.
7.20	Bend in ridge, 85 ft. above cor., bears S. 60° E., and S. 60° W.; descend gradual NW. slope.
13.87	Old road, bears N. and S., in draw, 20 ft. below ridge, that heads about 7 chs. S. and drains N.; ascend abrupt E. slope.
17.90	Spur, 90 ft. above draw, projects N. 30° W., 3 chs. to end; descend gradual W. slope.
22.60	Bottom of descent, 20 ft. below spur, bears N. and S.; ascend abrupt broken E. slope.
27.44	Point midway bet. the closing cor. of Tps. 27 S., Rs. 4 and 5 E., and the closing cor. of secs. 1 and 2, T. 27 S., R.4 E.; on broken E slope, 50 ft. above bottom of descent.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. sec. 1 only, with brass cap. marked
	¼ S1
	1933
	from which:
	A pinon, 14 ins. diam., bears S. 24° 30' E., 109 lks. dist., marked ¼ S1 BT.
	A pinon, 12 ins. diam., bears S. 13° 15' W., 54 lks. dist., marked ¼ S1 BT.
31.30	Top of rise, 40 ft. above the ¼ sec. cor., bears N. 10° E and S. 10° W.; descend gradual W. slope.
32.30	Draw, 10 ft. below rise, drains N.; ascend abrupt E. slop
33.41	Old ditch, drains from S. to N.
38.72	Forest Service telephone line, bears N. 33° E. to Jeffery's Ranch, and S. 33° W. to Elk Horn Ranger Station
40.11	On steep E. slope, 145 ft. above draw; the original ¼ sec. cor. secs. 1 and 36, which is a volcanic stone 18 x 12 x 8 ins., lying on the ground, plainly marked ¼ on one face, and unwitnessed.
	At the cor. point:

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R. 4 E.

Chains.	
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for the ¼ sec. cor. sec. 36 only, with brass cap marked ¼ S36 1933 from which:
	A pinon, 10 ins. diam., bears N. 72° E., 282 lks. dist., marked ¼ S36 BT.
	A juniper, 10 ins. diam., bears N. 70° 15' E., 402 lks. dist., marked ¼ S36 BT.
	Thence:
	N. 89° 30' W., with continuous measurement.
	Through scattered pinon and juniper, and under [illegible] of dense sagebrush, and scattered service berry, yellowtop, and bitter brush.
47.10	Same ridge as last, bears SE. and NW, also spur, projects S., 140 ft. above cor.; descend gradual SW. slope of rolling mountainous land.
51.30	Draw, 50 ft. deep, drains S. 40° W. about 15 chs. to reservoir.
57.30	Draw, 30 ft. deep, drains S. 15° W. about 12 chs. to reservoir.
63.20	Draw, 20 ft. deep, drains S. 25° W. about 10 chs. to reservoir.
65.80	Outlet in reservoir dam, bears S. 45° 15' E.
67.42	Point for the closing cor. of secs. 1 and 2, hereinafter described.
71.90	Draw, 150 ft. below ridge, drains S. 20° E. about 10 chs. dist. to reservoir; ascend gradual SE. slope.
80.01	On gradual SE. slope, 30 ft. above draw, and in wide hollow that drains SE.; the original cor. of secs. 1, 2, 35, and 36, which is a volcanic stone 14 x 12 x 4 ins. above ground, firmly set in a mound of stone, plainly marked 5 notches on W. edge and 1 notch on E. edge, and unwitnessed.
	At the cor. point:
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for the cor. of secs. 35 and 36 only, with brass cap marked T26SR4E S35 | S36 S2 T27SR4E 1933 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No suitable bearing trees available.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R.

Chains.	
	Land, broken and rolling mountainous, with general easterly exposure and drainage.
	Soil, gray clay and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.
	Undergrowth, sage, service berry, yellow top, buck, and bitter brush.
	Timber, pinon, juniper, and scattered aspen groves.
	Fair grazing land.
	N. 89° 51' W. along the S. bdy. of sec. 35, T. 26 S., R. 4 E.
	Ascend gradual SE. slope, through scattered aspen groves scattered juniper, and pinon timber, and undergrowth of dense sagebrush, scattered yellow top, service berry, and bitter brush.
10.50	Divide, bet. reservoir to SE., and a large basin NW., 60 ft. above cor., bears NE. and SW.; ascend gradual NE. slope.
14.20	Wash, 5 ft. deep, 30 lks. wide, drains N. 10° W.
14.30	Enter dense aspen grove, bears N. 10° W. and S. 10° W.
15.80	Leave aspen grove, bears NW. and SE.
25.10	Spur, 140 ft above divide, projects from W. to S. 60° E.; ascend gradually along general top of spur.
27.41	Point midway bet. the closing cor. of secs. 1 and 2, and the closing cor. of secs. 2 and 3, T. 27 S., R. 4 E.; on spur, 160 ft. above divide, projects W.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and in a mound of stone to top, for the ¼ sec. cor. sec. 2 only, with brass cap marked
	¼ S2 1933
	from which:
	A pinon, 16 ins. diam., bears S. 36° 22' E., 560 lks. dist., marked ¼ S2 BT.
	No other suitable bearing tree or other accessory available.
31.60	Leave top of spur, that projects E. from S. 60° W.; ascend gradually along steep N. slope.
40.44	On gradual N. slope near top of ridge, 40 ft. above ¼ sec. cor. sec. 2, at S. edge of small aspen grove; the original ¼ sec. cor. secs. 2 and 35, which is a volcanic stone 12 x 10 x 4 ins. above ground, firmly set, and plainly marked ¼ on N. face, witnessed by one one bearing tree as follows:
	An aspen, 5 ins. diam., (dead and fallen) bears S. 15° E. 15 lks. dist., dimly marked ¼ S BT.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R. 4 E.

Chains.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for the ¼ sec. cor sec. 35 only, with brass cap marked

¼ S35

1933

from which:

An aspen, 5 ins. diam., bears N. 22° 30' E., 30 lks. dist., marked ¼ S35 BT.

A red pine, 12 ins. diam., bears N. 17° 15' W., 87 lks. dist., marked ¼ S35 BT.

Thence:

N. 89° 42' W. with continuous measurement.

57.70 Ridge, 130 ft. above ¼ sec. cor., bears N. 35° W. and S. 70° E.; ascend gradually along broken S. slope.

57.76 Round Lake, bears S. 53° 30' E.

58.24 Trail, bears N. 70° W. to Jeffery's road, and S. 7[illegible] W. to Round Lake.

66.00 Stream, 1 [illegible] wide, 1 in. deep, in wash [illegible] wide, 10 ft. deep, in small draw 20 ft. deep, drains SE.

67.41 Point for the closing cor. of secs. [illegible] and 3, T. 27 S., R. 4 E., hereinafter described, at base of abrupt ascent, bears N. and S.; ascend abrupt NE. slope.

75.30 Spur, 220 ft. above ridge, projects S. 70° E.; descend gradually along E. slope.

80.76 On gradual S. slope, 5 ft. below spur; the original cor. of secs. 2, 3, 34, and 35, which is a volcanic stone 14 x 12 x 10 ins. above ground, loosely set, plainly marked 4 notches on W. edge and 2 notches on E. edge, and witnessed by a small mound of stone W.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for the cor. of secs. 34 and 35, T. 26 S., R. 4 E. only, with brass cap marked

T26S R4E
S34 | S35
S3
T27S R4E

1933

from which:

An aspen, 7 ins. diam., bears N. 80° 45' W., 382 lks. dist., marked T26S R4E S34 BT.

No other suitable bearing tree available.

Land, rolling and mountainous, with a general easterly exposure and drainage.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R

Chains.	
	Soil, deep clay and sand, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.
	Timber, aspen, juniper, pinon, and red pine.
	Undergrowth, sage, yellow top, service berry, and bit brush.
	Fair grazing land.
	N. 89° 36' W. along the S. bdy. sec. 34, T. 26 S., R.
	Descend gradual SW. slope of rolling mountainous land through medium dense aspen groves, scattered red pine and spruce timber, and scattered sage and yellow top undergrowth.
3.80	Head of draw, 10 ft. below cor., drains SE.; ascend abrupt E. slope through dense aspen grove, bears N. an
9.00	Ascent becomes more gradual and leave aspen grove, bea N. 20° E., and S. 20° W.
12.35	Road, bears N. 60° E. to Jeffery's ranch and SW. to Fremont, Utah.
15.20	Enter medium dense aspen timber, bears N. 30° W., and
16.10	Bottom of narrow elongated basin, 15 ft. deep, bears N. 3.00 chs. dist., and S. 2.50 chs. dist.
17.80	Leave aspen timber, bears N. and S.
18.30	Ridge, 165 ft. above draw, bears N. 20° W., and S. 15.0 chs. dist., thence N. 85° W.; descend gradual W. slope.
20.55	Forks of road, bears NW. to Fremont, Utah, and SE. to Jeffery's ranch, and S. 30° E. to Elk Horn Ranger Stati
25.50	Center of shallow lake about ¼ acre in area, bears S. 3.80 chs. dist.
26.675	Point midway bet. the closing cor. of secs. 2 and 3, and the closing cor. of secs. 3 and 4, T. 27 S., R. 4 E on gradual S. slope, at bottom of descent, 45 ft. below ridge, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. sec. 3 only, with brass cap marked
	¼ S3 / 1933
	Deposit a trachyte stone 10 x 6 x 4 ins., at base of post, marked with a cross (X).
	No other accessory available.
	Ascend gradual NE. slope.
35.00	Enter medium dense aspen timber, bears N. and S.
37.60	Leave aspen timber, bears NW. and SE.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R. 4 E.

Chains.

40.55 On gradual NE. slope, 80 ft. above ¼ sec. cor. sec. 3, in opening in aspen timber; the original ¼ sec. cor. secs. 3 and 34, which is a volcanic stone 12 x 8 x 6 ins. above ground, firmly set in the ground, plainly marked ¼ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in.diam., 27 ins. in the ground, with the original cor. monument alongside, for the ¼ sec. cor. sec. 34, with brass cap marked

¼ S34

1933

from which:

An aspen, 8 ins. diam., bears N. 18° E., 206 lks. dist., marked ¼ S34 BT.

An aspen, 6 ins. diam., bears N. 11° W., 177 lks. dist., marked ¼ S34 BT.

Thence:

West, with continuous measurement.

45.50 Enter dense aspen timber, bears N. 30° W., and S. 30° E 1.00 chain dist., thence S. 70° E.

49.00 Ascent becomes abrupt, bears NW. and SE.; ascend steep NE. slope.

53.50 Leave aspen timber, bears N. 30° W. and S. 30° E., thence through medium dense red pine and spruce timber.

55.10 Spur, 200 ft. above ¼ sec. cor. sec. 34, projects N.; descend gradual NW. slope, through dense aspen, red pine, and spruce timber, bears N. and S.

59.10 Draw, 45 ft. below spur, drains N. 20° E.; ascend abrupt E. slope.

66.40 Spur, 100 ft. above draw, projects N. 30° W.; descend gradual NW. slope.

66.70 Point for the closing cor. of secs. 3 and 4, T. 27 S., R. 4 E., hereinafter described.

69.20 Draw, 15 ft. below spur, drains N.; ascend gradual NE.slope.

80.55 Record course and dist. West of ¼ sec. cor. sec. 34. On gradual NE. slope, 105 ft. above draw, in dense aspen, red pine, balsam, and spruce timber.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 33 and 34, T. 26 S., R. 4 E.,only, with brass cap marked

T26S	R4E
S33	S34

S4
T27S R4E

1933

from which:

A red pine, 14 ins. diam., bears N. 18° 15' E. 33 lks. dist., marked T26S R4E S34 BT.

DEPENDENT RESURVEY OF PORTION OF N. BDY., T. 27 S., R.

Chains.	
	A spruce, 12 ins. diam., bears N. 11° 30' W., 43 lk dist., marked T26S R4E S33 BT.
	Land, rolling and mountainous, with general north-easterly exposure and drainage.
	Soil, deep clay and loose sand, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.
	Timber, aspen, red pine, spruce, and balsam.
	Undergrowth, sage, yellow top, and deer brush.
	Grazing good.
	SURVEY OF PORTION NORTH BOUNDARY, T. 27 S., R. 4 E.
	From the cor. of secs. 33 and 34, T. 26 S., R. 4 E., heretofore described.
	West, on random line, along the N. bdy. of the townshi setting temporary quarter sec. and sec. cors. at intervals of 40 and 80 chains, and at:
221.48	Intersect the W. bdy. of the township, 90 lks. S. of t cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., heretofore described.
	The bearing of this portion of the boundary, therefore is, N. 89° 46' W. and the distance is 221.48 chs.
	Thence:
	From the cor. of secs. 33 and 34, T. 26 S., R. 4 E.
	N. 89° 46' W., on true line, along the S. bdy. of sec.
	Ascend gradual NE. slope of rolling mountainous land, through dense red pine, balsam, spruce, and aspen timbe and undergrowth of scattered deer brush.
2.30	Main divide of Thousand Lake Mountain, 20 ft. above cor bears N. 15° W. and S, 15° E.; descend gradual NW. slop
9.80	Base of descent, 30 ft. below divide, bears N. 30° W. and S. 30° E.; ascend gradual NE. slope.
12.80	Spur, 30 ft. above base of ascent, projects NW.; descen abrupt NW. slope.
24.00	Descent becomes more gradual, bears N. and S.
26.02	Point midway bet. the closing cor. of secs. 3 and 4, and the closing cor. of secs. 4 and 5, T. 27 S., R. 4 E on gradual NW. slope, 185 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. sec. 4 only, with brass cap marked
	¼ S4
	1933
	from which
	A red pine, 16 ins. diam., bears S. 15° E. 45 lks.

SURVEY OF PORTION NORTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	dist., marked ¼ S4 BT.
	A red pine, 6 ins. diam., bears S. 48° 15' W., 34 lks. dist., marked ¼ S4 BT.
35.80	Leave timber, bears NW. and S. 30° E., thence through undergrowth of medium dense sage, and yellow top brush.
37.30	Rolling top of spur, 60 ft. below ¼ sec. cor. sec. 4, projects NW.; descend gradual NW. slope.
40.00	On gradual NW. slope, 40 ft. below spur,
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and in a mound of stone to top, for the ¼ sec. cor. sec. 33 only, with brass cap marked
	¼ S33 1933
	from which:
	An aspen, 6 ins. diam., bears N. 21° 45' E. 263 lks. dist., marked ¼ S33 BT.
	An aspen, 5 ins. diam., bears N. 74° 15' W. 437 lks. dist., marked ¼ S33BT.
49.10	Enter medium dense aspen grove, bears N. 30° W. and S. 30° E.
50.85	Draw, 15 ft. deep, drains N. 30° W.; continue descent over gradual NW. slope
51.40	Leave aspen grove, bears N. 20° W., and S. 20° E.
64.00	Rolling top of spur, 200 ft. below ¼ sec. cor., projects NW.; descend abrupt W. slope.
65.89	Point for the closing cor. of secs. 4 and 5, T. 27 S., R. 4 E., hereinafter described.
71.50	Center of small basin, 95 ft. below spur, bears N. 30 lks. dist.; ascend gradual NE. slope.
76.30	Spur, 10 ft. above basin, projects N. 30° W.; descend abrupt NW. slope.
79.60	Enter dense aspen and medium dense red pine timber, bears SE. and N. 60° W.
80.00	On steep W. slope, 85 ft. below spur, in E. edge of timber.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 32 and 33, T. 26 S., R. 4 E, only, with brass cap marked
	T26S R4E S32 S33 S5 T27S R4E 1933
	from which:
	A red pine, 18 ins. diam., bears N. 17° 15' E., 151 lks. dist., marked T26S R4E S33 BT.

SURVEY OF PORTION NORTH BOUNDARY, T. 27 S., R. 4 E

Chains.	
	An aspen, 5 ins. diam., bears N. 86° 15' W., 170 lks dist., marked T26S R4E S32 BT.
	Land, rolling and broken mountainous, with general north-westerly exposure and drainage.
	Soil, deep clay and sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.
	Timber, aspen, red pine, spruce, and balsam.
	Undergrowth, sage, yellow top, and deer brush.
	Good grazing land.
	From the cor. of secs. 32 and 33, T. 26 S., R. 4 E.
	N. 89° 40' W., on true line, along the S. bdy. of sec.
	Descend abrupt W. slope of broken mountainous land, through dense aspen and medium dense red pine and spru and undergrowth of medium dense sage, and scattered deer brush and yellow top.
2.80	Draw, 40 ft. below cor., drains NW.; ascend gradually along steep NE. slope.
5.90	Spur, 35 ft. above draw, projects N.; descend gradual W. slope.
8.20	Draw, 15 ft. below spur, drains N.; ascend gradual NE. slope.
15.40	Spur, 60 ft. above draw, projects NW.; descend gradual SW. slope.
18.60	Descent becomes abrupt, bears N. 20° E., and S. 20° W., thence over steep NW. slope, through medium dense red pine, spruce, limber pine, and red cedar timber, and undergrowth of medium dense deer, buck, wild currant, and service berry brush.
25.89	Point midway bet. the closing cor. of secs. 4 and 5, and the closing cor. of secs. 5 and 6, T. 27 S., R. 4 E on steep NW. slope, 265 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. sec. 5 only, with brass cap marked
	¼ S5
	1933
	from which:
	An aspen, 6 ins. diam., bears S. 23° 30' E., 90 lks. dist., marked ¼ S5 BT.
	A red pine, 9 ins. diam., bears S. 32° W. 111 lks. dist., marked ¼ S5 BT.
30.60	Timber becomes scattered red pine and scattered aspen, and undergrowth of medium dense sagebrush, scattered yellow top, and deer brush, bears N. and S.
37.30	Wash, 15 lks. wide, 4 ft. deep, in branch of Salt Cree Canyon, 230 ft. below ¼ sec. cor. drains N. 20° W., 3.00

SURVEY OF PORTION NORTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	dist., thence NW.; ascend gradually along rolling NE. slope.
37.70	Enter medium dense aspen grove, bears NW. and S. 20° E.
39.10	Leave aspen grove, bears NW. and SE.
40.00	On spur, 30 ft. above the canyon, projects N. 30° W.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and in a mound of stone to top, for the ¼ sec. cor. sec. 32 only, with brass cap marked ¼ S 32 1933 from which: An aspen, 5 ins. diam., bears N. 61° 30' E., 48 lks. dist., marked ¼ S32 BT. An aspen, 6 ins. diam., bears N. 13° 30' W., 122 lks. dist., marked ¼ S32 BT.
	Ascend gradually along rolling N. slope.
64.15	The S. end of an aspen grove, 1.50 chs. wide, and extending NW. about 4.50 chs. dist. to end.
65.80	Ridge, 65 ft. above ¼ sec. cor., bears N. 60° W. and SE.; descend gradual SW. slope.
65.89	Point for the closing cor. of secs. 5 and 6, T. 27 S., R. 4 E., hereinafter described.
78.00	Descent becomes more abrupt, bears N. 30° W. and S.30° E., over steep W. slope, through scattered juniper, pinon, and yellow pine timber.
80.00	On steep W. slope, 75 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and in a mound of stone to top, for the cor. of secs. 31 and 32, T. 26 S., R. 4 E, with brass cap marked T26S R4E S31 S32 S6 T27S R4E 1933 from which: A yellow pine, 20 ins. diam., bears N. 81° 30' E., 58 lks. dist., marked T26S R4E S32 BT. A juniper, 6 ins. diam., bears N. 41° W., 121 lks. dist., marked T26S R4E S31 BT.
	Land, broken and rolling mountainous, with general north-westerly exposure and drainage.
	Soil, deep clay and loose sand, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.
	Timber, aspen, red pine, spruce, limber pine, red cedar, pinon, juniper, and yellow pine.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains.	
	Undergrowth, sage, deep, yellow top, bunchgrass, buck, and service berry brush.
	Good grazing land.
	From the cor. of secs. 31 and 32, T. 27 S., R. 4 E.
	N. 89° 46' W., on true line, along the S. bdy. of sec.
	Descend abrupt W. slope of rolling mountainous land, through medium dense pinon, juniper, and yellow pine timber, and undergrowth of dense sagebrush.
6.50	Descent becomes more gradual, bears S. and NW., thence through scattered juniper and pinon.
18.50	Base of mountain, bears N. and S.; descend gradual W. slope of rolling bench land.
25.89	Testing of 40.00 chs. from the closing cor. of secs. 5 and 6, T. 27 S., R. 4 E.; on gradual W. slope of bench, 250 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and in a mound of stone to top, for the ¼ sec cor. sec. 6 only, with brass cap marked
	¼ S6
	1933
	Deposit a volcanic stone 12 x 10 x 10 ins., at base of post, marked with cross (X).
	No bearing trees available.
40.00	On gradual W. slope of bench, 50 ft. below ¼ sec. 6.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and in a mound of stone to top, for the ¼ sec. cor. sec. 31, only, with brass cap marked
	¼ S31
	1933
	from which:
	A pinon, 9 ins. diam., bears N. 9° 15' E., 386 lks. dist., marked ¼ S31 BT.
	No other bearing tree available.
42.50	Old road, bears N. 20° W. and S. 20° E.
61.48	The cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., 60 ft. below the ¼ sec. cor. sec. 31, heretofore described.
	Land, rolling mountainous and bench land, with general westerly exposure and drainage.
	Soil, deep clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.
	Timber, juniper, pinon, and yellow pine.
	Undergrowth, sage brush.
	Fair grazing land.

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	From the cor. of Tps. 27 and 28 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in official records of the survey of T. 28 S., R. 5 E.
	West, along the S. bdy. of T. 27 S., R. 4 E., for alinement only, and fall 7.18 chs. South of the cor. of Tps. 27 and 28 S., R. 3 E., heretofore described.
	Thence:
	From the cor. of Tps. 27 and 28 S., Rs. 4 and 5 E.;
	West, on true line, bet. secs. 1 and 36.
	Ascend gradual E. slope of bench land, through dense pinon and juniper timber, scattered yellow top and sagebrush undergrowth.
3.30	SW. rim of bench, 15 ft. above cor., bears NW. and SE.; descend abrupt SW. slope.
8.70	Draw, 145 ft. below bench, drains SE.; ascend abrupt E. slope.
10.70	Spur, 65 ft. above draw, projects SE. 4.00 chs. dist. to end; descend gradual S. slope, through medium dense yellow pine and scattered juniper and pinon timber, and undergrowth of medium dense sagebrush and bitter brush, scattered manzanita, bears NW. and SE.
16.00	Bend in draw, 10 ft. below spur, drains S. 60° E. from S. 60° W.; ascend gradual SE. slope.
23.50	Enter broken sandstone outcropping, bears N. 30° E. and S. 70° W.
26.80	Broken sandstone spur, 135 ft. above draw, projects S. 30° E. 3.00 chs. dist. to end; descend gradual SW. slope.
27.20	Leave sandstone outcropping, bears N. and S.
30.10	Same draw as last, 20 ft. below spur, drains SE.; ascend gradual NE. slope.
40.00	In bend in draw, 100 ft. above last draw, drains S. 70° E. from S. 70° W, at base of abrupt ascent, bears NW. and SE.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 1 and 36, with brass cap marked
	¼ S36 / S1 1933
	from which:
	A yellow pine, 18 ins. diam., bears S. 58° 30' E., 94 lks. dist., marked ¼ S1 BT.
	A yellow pine, 20 ins. diam., bears N. 12° 30' W. 64 lks. dist., marked ¼ S36 BT.
	Ascend abrupt NE. slope.
63.00	Timber becomes scattered red and yellow pine, and undergrowth of dense sage and bitter brush, bears N. 20° W, and S. 20° E.

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
70.20	Enter dense aspen grove, bears N. 30° E., and S.
75.00	Leave aspen grove, bears NW. and SE.
80.00	On steep E. slope, 930 ft. above ¼ sec. cor., at E. edge of aspen grove, bears N. 20° W. and S. 20° E.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top for the cor. of secs. 1, 2, 35, and 36, with brass cap marked

T27S	R4E
S35	S36
S2	S1

T28S

1933

from which:

A red pine, 40 ins. diam., bears N. 3° E., 167 lks. dist., marked T27S R4E S36 BT.

A red pine, 10 ins. diam,, bears S. 34° E., 112 lks. dist., marked T28S R4E S1 BT.

An aspen, 6 ins. diam., bears S. 84° 15' W., 51 lks. dist., marked T28S R4E S2 BT.

An aspen, 5 ins. diam., bears N. 35° 15' W., 48 lks. dist., marked T27S R4E S35 BT.

Land, broken and mountainous, with general easterly exposure and drainage.

Soil, shallow gray clay and loose sand, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.

Timber, yellow pine, pinon, juniper, red pine, and aspen

Undergrowth, sage, and bitter brush.

Good grazing land.

From the cor. of secs. 1, 2, 35, and 36.

West, on true line, bet. secs. 2 and 35.

Ascend abruptly over broken NE. slope of broken mountainous land, through scattered groves of aspen and scattered red pine, and undergrowth of dense sagebrush, scattered deer, yellow top, and bitter brush.

4.20	Leave aspen grove, bears SW. and N. 70° E.
8.10	Enter dense aspen grove, bears SW. and N. 70° W.
9.70	Leave aspen grove, bears NE. and SW.
17.70	Enter dense aspen timber, bears N. and S.
20.20	Ascent becomes more gradual, bears S. and NW., thence ascend gradually along general N. slope.
25.20	Spur, 415 ft. above sec. cor., projects N. 30° E.;

U. S. GOVERNMENT PRINTING OFFICE: 1937 4—3155

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains	
	descend gradual NW. slope.
30.10	Enter opening, bears N. 15° E., and S. 1.00 ch. dist., thence SE.
31.70	Bottom of descent, 45 ft. below spur, bears N. and S.; ascend gradual NE. slope.
33.70	Enter dense aspen timber, bears SE. and NE.
39.10	Enter opening, bears N. and S.
40.00	On gradual NE. slope, 25 ft. above base of ascent, in opening.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. secs. 2 and 35, with brass cap marked

$$\frac{\frac{1}{4}\ S35}{S2}$$

1933

from which:

An aspen, 5 ins. diam., bears S. 3° 30' W., 145 lks. dist., marked ¼ S2 BT.

An aspen, 6 ins. diam., bears N. 28° W., 163 lks. dist., marked ¼ S35 BT.

43.30	Enter dense aspen timber, bears S. and NE.
57.50	Timber becomes dense aspen and spruce, bears NW. and SE.
59.40	Intersect a spruce, 15 ins, diam., which I mark two notches on E. and W. faces for line tree.
76.30	Rolling top of spur, 400 ft. above ¼ sec. cor., projects NE.; ascend gradual NE. slope.
80.00	On gradual NE. slope, 20 ft. above spur.
	Set an iron post, 3 ft long, 2 ins. diam., 27 ins, in the ground, for the cor. of secs. 2, 3, 34, and 35, with brass cap marked

T27S	R4E
S34	S35
S3	S2

T28S

1933

from which:

A spruce, 8 ins. diam., bears N. 70° 30' E., 51 lks. dist., marked T27S R4E S35 BT.

A spruce, 8 ins. diam., bears S. 55° E., 53 lks. dist., marked T28S R4E S2 BT.

A spruce, 8 ins. diam., bears S. 8° 15' W., 39 lks. dist., marked T28S R4E S3 BT.

A spruce, 24 ins. diam., bears N. 30° W., 58 lks. dist., marked T27S R4E S34 BT.

Land, broken and mountainous, with general north-

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains.	
	easterly exposure and drainage.
	Soil, deep gray clay and loose sand mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.
	Timber, aspen, red pine, and spruce.
	Undergrowth, deer, sage, yellow top, and bitter brush.
	Exceedingly good grazing land.
	From the cor. of secs. 2, 3, 34, and 35.
	West, on true line, bet. secs. 3 and 34.
	Ascend gradual NE. slope of rolling mountainous land, through dense spruce, balsam, and aspen timber, and undergrowth of scattered wild gooseberry and deer brush.
5.20	Spur, 80 ft. above sec. cor., projects N.; descend gradual NW. slope.
11.12	Forest Service trail, bears N. 15° E. and S. 15° W. in draw, 25 ft. below spur, drains N. 20° E.; ascend gradual NE. slope.
21.50	Ascent becomes abrupt, bears N. 20° W. and S. 20° E.
23.30	Rocky spur, 110 ft. above draw, projects N.; descend gradual W. slope.
25.60	Rocky draw, 30 ft. below spur, drains NE.; ascend abrupt E. slope.
34.00	Ascent becomes more gradual, bears N. and S.
36.50	Rolling top of ridge, 155 ft. above draw, bears N. 30° W. and S. 30° E.; descend gradual W. slope.
37.10	Enter small opening, bears N. and S.
40.00	On gradual rocky W. slope, 5 ft. below ridge, in W. edge of opening, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top for the ¼ sec. cor. secs. 3 and 34, with brass cap marked
	$\frac{1}{4}\,\frac{S34}{S3}$ 1933
	from which:
	A spruce, 8 ins. diam., bears S. 32° 30' E., 15 lks. dist., marked ¼ S3 BT.
	A spruce, 8 ins. diam., bears N. 29° 15' W., 60 lks. dist., marked ¼ S34 BT.
47.30	Forest Service trail, bears N. and S.
48.80	Enter meadow near S. end, bears S. 30° W. and N. 15° E.
50.10	Center of circular pond, 1.75 chs. in diam., 30 ft.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	below ¼ sec. cor.
51.20	Leave meadow, bears N. 20° W., about 10.00 chs. dist., and SE. 1.00 ch. dist.; ascend gradual E. slope, through dense spruce and scattered aspen timber.
54.20	Ascent becomes more abrupt, bears N. and S.
58.10	Rocky ridge, 85 ft. above pond, bears N. 30° E. and S. 30° W.; descend gradually over general N. slope.
65.60	Base of descent, 15 ft. below ridge, bears S. and NE.; ascend abrupt, broken, E. slope, over volcanic boulders.
66.43	Forest Service trail, bears N. 18° E. and S. 18° W.
73.00	Ascent becomes more gradual, bears N. 20° W. and S. 20° E.
77.20	Ascent becomes abrupt, bears N. 15° E. and S. 15° W.
80.00	On steep E. slope, 240 ft. above base of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 33, and 34, with brass cap marked

T27S R4E S33	S34
S4	S3

T28S

1933

from which:

A spruce, 6 ins. diam., bears N. 17° 30' E., 40 lks. dist., marked T27S R4E S34 BT.

A spruce, 6 ins. diam., bears S. 14° E., 19 lks. dist., marked T28S R4E S3 BT.

A spruce, 6 ins. diam., bears S. [illegible]° W., 22 lks. dist., marked T28S R4E S4 BT.

A spruce, 6 ins. diam., bears N. 47° 30' W., 21 lks. dist., marked T27S R4E S33 BT.

Land, rolling and broken mountainous, with general easterly exposure and drainage.

Soil, black mountain loam and volcanic boulders; 4th rate. Volcanic formation.

Timber, spruce, balsam, and aspen.

Undergrowth, wild gooseberry and deer brush.

Exceedingly good grazing land.

From the cor. of secs. 3, 4, 33, and 34.

West, on true line, bet. secs. 4 and 33.

Ascend abrupt E. slope of broken mountainous land, through medium dense spruce and scattered aspen timber, and undergrowth of scattered sunberry.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains	
6.70	Top of broken volcanic ledge, 25 ft. high, bears N. an
7.10	E. rim of flat top of Thousand Lake Mountain, 260 ft. above sec. cor., bears N. and S. 15° E.; thence over rolling top of mountain.
20.00	Top of small rise, 10 ft. high, bears N. and S.; descen gradual SW. slope.
22.00	Leave aspen timber and enter scattered spruce timber, bears S. and N. 20° W.
27.10	Leave timber, bears N. 15° W. and S. 15° E.
30.40	Bottom of swale, 15 ft. below rise, drains S.; ascend gradually along gentle S. slope.
40.00	On gradual S. slope, 15 ft. above swale.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 4 and 33, with brass cap marked

¼ S33 / S4

1933

from which:

A spruce, 8 ins. diam., bears S. 30° W., 540 lks. dist., marked ¼ S4 BT.

A spruce, 12 ins. diam., bears N. 5° 15' W., 484 lks. dist., marked ¼ S33 BT.

From this cor., U.S. Coast and Geodetic Survey, triangulation station "Thousand Lake Mountain", bears N. 4° 33' W., 37.14 chs. dist. The bearing was checked by an hour angle observation on Polaris, and the distance is a mean of two measurements. The bearing and distance were taken to a flag pole about 30 ft. high, which I assume was erected over the true point of the station. Point is witnessed by two brass tablets, which are set in the surface rock, 8 lks. dist. to the N. and W. of the station, and each tablet has an arrow pointing to the true point of the station. The latitude of this station is given as 38° 25' 01".139 N., and the longitude 111° 28' 42".514 W. Station is located on a high volcanic point on the flat top of the Thousand Lake Mountain.

65.90	Swale, 25 ft. below the ¼ sec. cor., drains S. 15° W.; thence over gradual S. slope.
80.00	On gentle rolling S. slope, 15 ft. above swale, on flat top of Thousand Lake Mountain.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 32, and 33, with brass cap marked

T27S	R4E
S32	S33
S5	S4

T28S

1933

from which:

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	A spruce, 8 ins. diam., bears N. 2° E., 450 lks. dist., marked T27S R4E S33 BT.
	A spruce, 16 ins. diam., bears S. 24° E., 253 lks. dist., marked T28S R4E S4 BT.
	A spruce, 6 ins. diam., bears S. 57° 15' W., 185 lks. dist., marked T28S R4E S5 BT.
	A spruce, 15 ins. diam., bears N. 42° 30' W., 279 lks. dist., marked T27S R4E S32 BT.
	Land, rolling top of mountain, with general southerly exposure and drainage. Extreme E. portion is broken E. breaks of mountain.
	Soil, shallow gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, spruce and aspen.
	Undergrowth, sunberry and grass.
	Good grazing land.
	From the cor. of secs. 4, 5, 32, and 33.
	West, on true line, bet. secs. 5 and 32.
	Descend gradually along general S. slope of rolling mountain top, through medium dense grass.
1.00	Enter medium dense spruce timber, and undergrowth of medium dense sunberry, bears NW. and SE.
28.40	West rim of flat top of Thousand Lake Mountain and the top of a volcanic ledge, 150 ft. high, 40 ft. below cor., bears N. 20° E. and S. 10° E.; descend abruptly over steep broken W. slope, through scattered spruce timber and over volcanic slide rock at base of ledge.
35.20	Bottom of basin, 315 ft. below rim of flat top, bears N. about 7.50 chs. and S. about 4,50 chs. dist.; ascend abrupt E. slope of volcanic slide rock.
39.00	Rocky rise, 100 ft. above basin, bears N. and S.; descend abrupt W. slope.
40.00	On steep broken W. slope, 35 ft. below rise,
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 5 and 32, with brass cap marked
	¼ S32 / S5
	1933
	from which:
	A spruce, 15 ins. diam., bears S. 68° E., 70 lks. dist., marked ¼ S5 BT.
	A spruce, 12 ins. diam., bears N. 84° W., 88 lks. dist., marked ¼ S32 BT.

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.

45.10 Base of descent, 110 ft. below the ¼ sec. cor., bears N. and S. 15° E.; ascend abrupt E. slope.

47.20 Volcanic slide rock rise, 60 ft. above base of ascent, bears N. and S.; descend abrupt W. slope.

48.30 Base of descent, 40 ft. below rise, bears N. and S.; ascend abrupt E. slope.

49.70 Volcanic slide rock rise, 40 ft. above base of ascent, bears N. and S. 15° E.; descend abrupt W. slope through medium dense spruce timber and undergrowth of scattered sunberry, bears with rise.

[illegible] Descent becomes more gradual, bears N. and S., over broken W. slope of slide rock partly covered with black mountain loam. Timber becomes dense spruce and aspen, bears N. and S.

[illegible]8.70 Descent becomes abrupt, bears N. and S., over steep broken W. slope.

77.20 Base of descent, 390 ft. below rise, bears N. abd S.; ascend gradual E. slope of bare volcanic slide rock, bears N. and SW.

[illegible] Top of volcanic rise, 20 ft. high, bears N. and S., and W. edge of slide rock, bears N. and SE.; descend gradual broken W. slope, through dense aspen and spruce timber, bears with rise.

[illegible] On gradual broken W. slope, 375 ft. below the ¼ sec. cor

Set an iron post, 3 ft. long, 2 ins. diam, 12 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 5, 6, 31, and 32, with brass cap marked

T27S R4E	
S31	S32
S6	S5

T28S

1933

from which:

A spruce, 7 ins. diam., bears N. 63° 30' E., 19 lks. dist., marked T27S R4E S32 BT.

A spruce, 6 ins. diam., bears N. 41° W., 24 lks. dist., marked T27S R4E S31 BT.

An aspen, 5 ins. diam., bears S. 51° 30' E., 24 lks. dist., marked T28S R4E S5 BT.

A spruce, 6 ins. diam., bears S. 41° W., 18 lks. dist., marked T28S R4E S6 BT.

Land, broken W. breaks of Thousand Lake Mountain, with general westerly exposure and drainage.

Soil, shallow black mountain loam and slide rock; 4th rate. Volcanic formation.

Timber, spruce and aspen.

Undergrowth, sunberry.

Poor grazing land.

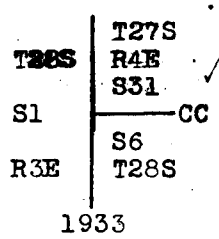
SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	From the cor. of secs. 5, 6, 31, and 32.
	West, on true line, bet. secs. 6 and 31.
	Descend gradual W. slope of broken mountainous land, through dense aspen and spruce timber and undergrowth of scattered mountain juniper.
1.60	Base of descent, 30 ft. below cor., bears N. 30° W. and S. 30° E.; ascend gradual E slope, through dense spruce and medium dense aspen timber, bears with base of descent.
5.00	Rise, 45 ft. above base of ascent, bears N. 30° E. and S. 30° W.; descend gradual broken W. slope.
13.00	Descent becomes more abrupt, bears N. and S.
19.60	Descent becomes more gradual, bears N. and S.
29.40	Descent becomes more abrupt, bears NW. and SE., over steep broken SW. slope.
40.00	On steep broken SW. slope, 475 ft. below rise.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 6 and 31, with brass cap marked
	$\frac{1}{4}\ \frac{S31}{S6}$
	1 [illegible]
	from which:
	A red pine, 16 ins. diam., bears S. 70° W., 5[illegible] lks. dist., marked ¼ S6 BT.
	A red pine, 16 ins. diam., bears N. 49° 45' W., [illegible] lks. dist., marked ¼ S31 BT.
51.40	Draw, 135 ft. below the ¼ sec. cor., drains N. 60° W.; descend gradually along steep broken NW. slope.
55.40	Draw, 40 ft. below last draw, drains N. 55° W.; ascend gradually over steep NE. slope.
56.80	Spur, 15 ft. above draw, projects N. 60° W.; descend gradually over broken NW. slope, through dense aspen, scattered red pine and spruce timber, and undergrowth of medium dense deer brush, bears N. 60° W. and S. 60° E.
63.70	Timber becomes scattered red pine, and undergrowth of medium dense rabbit, sunberry, deer, and sage brush, bears N. 70° W. and S. 70° E.
65.00	Broken top of ridge, 55 ft. below spur, bears N. 60° W. and S. 60° E.; descend over steep SW. slope.
66.48	A Forest Service trail, bears N. 15° W. and S. 15° E.
68.26	Another Forest Service trail, bears N. 60° W. and S.60° E. about 2.00 chs. to junction, thence SE.
69.80	Top of gypsum ledge, 30 ft. high, bears N. 60° W. and S. 60° E.
74.00	Small steep draw, 185 ft.below ridge, drains S. 5.00 chs.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

SURVEY OF SOUTH BOUNDARY, T. 27 S., R. 4 E.

Chains	
	dist. to main draw, thence SW., ascend through broken slope of red and white clay and gypsum formation.
77.70	On spur, 30 ft. above draw, projects S.
	Intersect a line projected S. 7.18 chs. dist. from the cor. of Tps. 27 and 28 S., R. 3 E., heretofore describ
	Set an iron post, 3 ft. long, 3 ins. diam. 27 ins. in the ground, for the closing cor. of Tps. 27 and 28 S., R. 4 E., with brass cap marked



from which:

A limber pine, 10 ins. diam., bears N. 20° E., 52 lks. dist., marked T27S R4E S31 CC BT. ✓

No other bearing tree available.

At a point 1.90 chs. N. of this cor. is a low ridge, bears N. 60° W. and S. 60° E.

At a point 4.80 chs. N. of this cor. is a Forest Service trail, bears N. 60° W. and S. 60° E., in bottom of draw 50 ft. deep, drains N. 60° W.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow mountain loam and red and gray clay, mixed with volcanic boulders and gravel; 3rd rate. Volcanic, gypsum, and sandstone formation.

Timber, aspen, spruce, red pine, and limber pine.

Undergrowth, deer, sunberry, rabbit, and sage brush, and mountain juniper

Fair grazing land.

EAST BOUNDARY, T. 27 S., R. 4 E.

Knowing that a line projected N. from the cor. of Tps. 27 and 28 S., Rs. 4 and 5 E., heretofore described, will not close within the allowable limit of arc at the cor. of Tps. 26 and 27 S., Rs. 4 and 5 E., I commence at the cor. of Tps. 27 and 28 S., Rs. 4 and 5 E;

Thence:

North on true line, bet. secs. 31 and 36.

Ascend gradually along gentle E. slope of rolling bench land, through dense pinon and juniper timber, and undergrowth of scattered sage and bitter brush.

4.50	Top of low rise, 10 ft. high, bears N. 60° W. and S. 60°
17.50	Top of low rise, 15 ft. high, bears S. 70° E. and N. 70° W., thense through medium dense pinon and juniper scattered yellow pine timber, and undergrowth of medium

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.

dense sage and bitter brush.

20.15 Draw, 30 ft. deep, drains E.

29.20 Draw, 20 ft. deep, drains E.

32.50 Rolling top of bend in rise, 40 ft. high, bears N. 80° E. and N. 80° W.; descend gradual N. slope.

37.80 Draw, 25 ft. below rise, drains E.; ascend gradual S. slope.

40.00 On gradual S. slope, 10 ft. above draw, in medium dense timber and undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 31 and 36, with brass cap marked

¼
S36 | S31
1933

from which:

A yellow pine, 16 ins. diam., bears S. 38° 30' E., 180 lks. dist., marked ¼ S31 BT.

A pinon, 16 ins. diam., bears N. 21° 30' W., 61 lks. dist., marked ¼ S36 BT.

41.80 Top of rise, 20 ft above ¼ sec. cor.; bears N. 70° W. and S. 70° E.; descend abruptly over steep NE. slope to lower bench land, through medium dense yellow pine, scattered juniper and pinon timber, and undergrowth of dense sage and bitter brush, bears with rise.

52.00 Enter lower bench land, 140 ft. below rise, bears N. 60° W. and S. 60° E., thence over rolling top of bench.

56.50 Draw, 20 ft. deep, drains S. 60° E.; ascend gradual SE. slope.

74.20 Draw, 30 ft. deep, drains SE.

80.00 On gradual SE. slope, 65 ft. above draw at 56.50 chs. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked

T27S
R4E | R5E
S25 | S30
S36 | S31
1933

from which:

A yellow pine, 18 ins. diam., bears N. 42° 30' E., 76 lks. dist., marked T27S R5E S30 BT.

A yellow pine, 10 ins. diam., bears S. 81° 30' E., 111 lks. dist., marked T27S R5E S31 BT.

A yellow pine, 15 ins. diam., bears S. 47° 45' W.,

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	28 lks. dist., marked T27S R4E S36 BT.
	A yellow pine, 10 ins. diam., bears N. 37° 45' W., 61 lks. dist., marked T27S R4E S25 BT.
	Land, rolling bench, with general easterly exposure and drainage.
	Soil, shallow gray clay and loose sand, mixed with roc and gravel; 3rd rate. Sandstone and volcanic formatio
	Timber, yellow pine, pinon, and juniper.
	Undergrowth, sage and bitter brush.
	Fair grazing land.
	From the cor. of secs. 25, 30, 31, and 36.
	North, on true line, bet. secs. 25 and 30.
	Ascend gradual SE. slope of rolling bench land, throug medium dense yellow pine, scattered pinon and juniper timber, and undergrowth of medium dense sage and bitte brush.
0.20	Top of ascent on bench, bears S. 75° E. and N. 75° W.; descend gradual N. slope.
4.00	North rim of bench, bears E. and W. 12.00 chs. dist., thence N. 60° W.; descend abrupt N. slope
4.34	Leave point.
13.10	Descent becomes more gradual, bears NW. and S. 75° E., thence over gradual NE. slope.
22.80	Descent becomes abrupt, bears N. 70° W. and S. 70° E.
24.35	Dry bottom of Deep Creek Canyon, 340 ft, below sec. cor drains S. 75° E.; ascend abrupt over sandstone outcropping and small ledges.
25.50	Ascent becomes more gradual, bears S. 70° E. and N. 70° over gradual SE. slope.
31.90	Top of ascent, 140 ft. above the canyon, bears NW. and SE., on steep W. slope of a bare sandstone butte, which is 5.00 chs. in diam. at base and 85 ft. high, located at the SE. point of a high sandstone ledge spur from NW descend abrupt N. slope.
36.80	Draw, 100 ft. below top of descent, drains SE.; ascend abrupt SW. slope.
40.00	On steep SW. slope, 40 ft. above draw.
	Set an iron post, 3 ft long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. secs. 25 and 30, with brass cap marked

¼

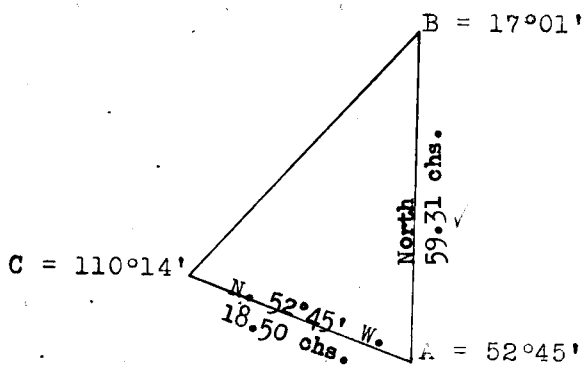
S25 | S30

1933

from which

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	A pinon, 8 ins. diam., bears N. 56° 15' W., 32 lks. dist., marked ¼ S25 BT.
	A pinon, 10 ins. diam., bears S. 24° E., 35 lks. dist., marked ¼ S30 BT.
40.80	Base of broken inaccessible sandstone ledges, bear E. and W., and facing S. The line N. of this point being impossible to chain, I return to the 4.34 chs. point from S., and determine the distance by triangulation as follows. Erect flag A at the 4.34 chs. point and flag B on line N. From flag A, survey base line AC, N. 52° 45' W., 18.50 chs. dist., and erect flag C. From C, AB subtends an angle of 110° 14'. From B, AC subtends an angle of 17° 01'. All angles checked by repetition and base line double chained. Vertical angle from A to B is plus 5° 43'.



Distance on line	4.34 chs.
Distance by triangulation	59.31 chs.
	63.65 chs.

63.65	To point B of triangulation, at top of Deep Creek Ridge, 650 ft. above the ¼ sec. cor., bears SE. and NW.; thence ascend gradually over steep E. slope, through dense juniper and pinon and scattered limber and yellow pine timber, and undergrowth of dense mahogany, bitter brush, and manzanita.
66.50	Top of ascent on steep E. slope, 15 ft. above divide, bears E. and W.; descend abruptly over steep NE. slope.
70.50	Draw, 100 ft. below top of descent, drains N. 75° E.; ascend gradually over steep E. slope, through dense pinon and juniper, medium dense red pine and red cedar, and scattered yellow pine timber, and undergrowth of medium dense mahogany and service berry
80.00	On steep broken E. slope, 35 ft. above draw, in dense timber and undergrowth.
	Set an iron post, 3 ft. long, 2 ins diam., 27 ins. in the ground, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked

T27S

R4E	R5E
S24	S19
S25	S30

1933

from which:

A red pine, 10 ins. diam., bears N. 60° E., 6 lks. dist., marked T27S R5E S19 BT.

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.

A red pine, 18 ins. diam., bears S. 20° 15' E., 72 lks. dist., marked T27S R5E S30 BT.

A pinon, 10 ins. diam., bears S. 60° W., 28 lks. dist., marked T27S R4E S25 BT.

A pinon, 12 ins. diam., bears N. 63° W., 59 lks. dist., marked T27S R4E S24 BT.

Land, south portion is rolling and mountainous, with general north-easterly exposure and drainage, the north portion is broken mountainous and sandstone ledges, with general easterly and southerly exposure and drainage.

Soil, shallow gray clay and sandy loam, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.

Timber, pinon, juniper, yellow pine, red pine, red cedar and limber pine.

Undergrowth, bitter brush, sagebrush, mahogany, service berry, and manzanita.

Fair grazing land.

From the cor. of secs. 19, 24, 25, and 30.

North, on true line, bet. secs. 19 and 24.

Ascend gradually over steep E. slope of broken mountainous land, through dense pinon and juniper, scattered red pine and yellow pine timber, and undergrowth of medium dense mahogany and service berry brush.

23.00 Ascent becomes abrupt, bears E. and W., over steep SE. slope.

34.20 Ridge, 230 ft. above sec. cor., bears N. 20° E. and S. 20° W.; descend gradually over rolling NW. slope, through medium dense yellow pine and scattered red pine timber, and undergrowth of medium dense sage, yellow top, deer, service berry, and bitter brush.

40.00 On gradual NW. slope, 85 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 19 and 24, with brass cap marked

¼

S24 | S19

1933

from which:

A yellow pine, 30 ins. diam., bears S. 10° E., 56 lks. dist., marked ¼ S19 BT.

A yellow pine, 24 ins. diam., bears N. 85° W., 111 lks. dist., marked ¼ S24 BT.

58.80 Descent becomes more abrupt, bears E. and W., thence over steep broken N. slope.

68.60 Timber becomes scattered yellow pine, juniper, pinon, and aspen, bears E. and W.

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.

73.00 Draw, 370 ft. below the ¼ sec. cor., drains N. 30° E.; ascend gradually over SE. slope, through dense service berry undergrowth.

76.55 Spur, 25 ft. above draw, projects North; descend abruptly along general top of steep spur.

80.00 On top of steep spur, 110 ft. below point of entrance on spur, projects North.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 13, 18, 19, and 24, with brass cap marked

T27S

R4E	R5E
S13	S18
S24	S19

1933

from which:

A red pine, 16 ins. diam., bears N. 31° 30' E., 45 lks. dist., marked T27S R5E S18 BT.

A red pine, 14 ins. diam., bears S. 12° 30' E., 42 lks. dist., marked T27S R5E S19 BT.

A yellow pine, 15 ins. diam., bears S. 56° 30' W., 127 lks. dist., marked T27S R4E S24 BT.

A red pine, 10 ins. diam., bears N. 48° W., 29 lks. dist., marked T27S R4E S13 BT.

Land, south portion broken and mountainous, with general south-easterly exposure and drainage, and north portion is broken mountainous, with general north-easterly exposure and drainage.

Soil, shallow gray clay and loose sand, mixed with rock and gravel; 3rd rate. Sandstone and volcanic formation.

Timber, yellow pine, pinon, juniper, red pine, and aspen.

Undergrowth, sage, service berry, yellow top, deer, and bitter brush, and scrub mahogany.

Good grazing land.

From the cor. of secs. 13, 18, 19, and 24.

North, on true line, bet. secs. 13 and 18.

Descend abruptly along the top of a steep spur of broken mountainous land, through scattered yellow pine, pinon, juniper, red pine, and aspen timber, and undergrowth of medium dense service berry, scattered sage, deer, yellow top, and bitter brush.

1.60 Ravine, 50 ft. below the sec. cor., drains N. 75° E.; ascend abrupt S. slope, through dense pinon and juniper, scattered red pine and yellow pine timber, and undergrowth of scattered bitter brush, silver leaf, and service barry; bears N. 75° E. and S. 75° W.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
12.60	Spur, 180 ft. above ravine, projects E.; descend gradually over rolling NE. slope, through scattered pinon, juniper, and yellow pine timber, and undergrow of dense sagebrush, and scattered buck, service berry and bitter brush, bears E. and W.
31.60	Enter medium dense aspen grove, bears NW. and SE.
32.70	Leave aspen grove, bears NW. and SE.
34.40	Small draw, 125 ft. below spur, drains N. 60° E.; asc gradually over rolling SE. slope.
40.00	On gradual SE. slope, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to t for the ¼ sec. cor. secs. 13 and 18, with brass cap marked

¼
S13 | S18
1933

from which:

A pinon, 12 ins. diam., bears S. 25° 30' E., 35 lks. dist., marked ¼ S18 BT.

A pinon, 8 ins. diam., bears S. 71° 15' W., 75 lks. dist., marked ¼ S13 BT.

40.70	Spur, 5 ft. above ¼ sec. cor., projects E.; descend gradual N. slope.
47.50	Enter flat and leave timber, bears N. 70° W. and S. 70 thence through dense rabbit brush and scattered sagebrush, roses, birch, bull berry, and deer brush undergrowth.
50.50	Base of descent, 25 ft. below spur, bears S. 70° E. an N. 70° W.; ascend gradual SE. slope.
56.00	Wash, 15 lks. wide, 5 ft. deep, drains S. 60° E. at N. edge of flat, bears N. 60° E. and S. 30° W.; ascend gradually over rolling SE. slope.
63.60	Spur, 80 ft. above base of ascent, projects E.; descen gradual N. slope.
68.70	Draw, 20 ft. below spur, drains S. 70° E.; ascend grad S. slope.
70.70	Enter medium dense pinon and juniper timber, and scatt sage and yellow top undergrowth, at base of abrupt ascent, bears E. and W.
73.50	Ridge, 50 ft. above draw, bears E. and W.; descend gradual N. slope, through scattered pinon, juniper, an aspen timber, and undergrowth of dense sagebrush and scattered service berry and bitter brush, bears with ridge.
80.00	On low rise, 10 ft. high, bears N. 70° W. and S. 70° E 10 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE: 1933 6—8155

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	T27S R4E S12 | R5E S7 S13 | S18 1933
	from which:
	A pinon, 8 ins. diam., bears N. 16° E., 116 lks. dist., marked T27S R5E S7 BT.
	A pinon, 16 ins. diam., bears S. 66° E., 137 lks. dist., marked T27S R5E S18 BT.
	A pinon, 20 ins. diam., bears S. 61° 15' W., 99 lks. dist., marked T27S R4E S13 BT.
	A pinon, 12 ins. diam., bears N. 84° W., 38 lks. dist., marked T27S R4E S12 BT.
	Land, rolling and broken mountainous, with general north-easterly and easterly exposure and drainage.
	Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.
	Timber, pinon, juniper, yellow pine, red pine, and aspen.
	Undergrowth, sage, service berry, yellow top, rabbit, deer, bitter, buck, rose, and silver leaf brush, and birch and bull berry.
	Good grazing land.

	From the cor. of secs. 7, 12, 13, and 18.
	North, on true line, bet. secs. 7 and 12.
	Descend gradually over NE. slope of rolling mountainous land, through scattered pinon and juniper, and scattered groves of aspen timber, and undergrowth of dense sage-brush and scattered rabbit, bitter, and buck brush.
8.96	Stream of good water, 1 lk. wide, 1 in. deep, that heads W. 3.50 chs. dist. at small spring, and drains N. 75° E., lined with birch willows.
11.10	Enter medium dense aspen grove, bears NE. and W. 1.50 chs. dist., thence NW.
13.45	Stream of good water, 1 lk. wide, 1 in. deep, that heads SW., 1.80 chs. dist., at a small spring, and drains NE. Also leave aspen grove, bears NE. and SW.
30.60	Polk Creek, which is a stream of water 2 lks. wide, 1 in. deep, in draw 120 ft. below cor., drains E.; ascend abrupt S. slope, through dense pinon and juniper timber, bears E. and W.
32.00	A pole cattle corral, 1.50 chs. diam., bears E. about 5.00 chs. dist.
33.70	Old road, bears SE. and NW.
40.00	On steep S. slope, 125 ft. above creek.

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. secs. 7 and 12, with brass cap marked

¼
S12 | S7
1933

from which:

A pinon, 6 ins. diam., bears S. 61° 45' E., 41 lks. dist., marked ¼ S7 BT.

A pinon, 8 ins. diam., bears S. 87° 30' W., 48 lks. dist., marked ¼ S12 BT.

43.40 Spur, 60 ft. above ¼ sec. cor., projects E.; descend gradual NE. slope.

46.30 Draw, 30 ft. below spur, drains E.; ascend gradual S. slope.

50.50 Spur, 50 ft. above draw, projects E.; descend abrupt N. slope.

55.60 Draw, 85 ft. below spur, drains S. 60° E.; ascend gradual S. slope.

59.80 Ridge, 65 ft. above draw, bears N. 70° E. and S. 70° W.; descend abrupt broken N. slope, through medium dense pinon and juniper timber, and undergrowth of medium dense sage, service berry, buck, and bitter brush.

80.00 At base of abrupt descent and N. edge of timber, 310 ft. below ridge, bears NE. and SW., on gradual N. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked

T27S
R4E | R5E
S1 | S6
S12 | S7
1933

from which:

A pinon, 6 ins. diam., bears N. 80° 30' E., 66 lks. dist., marked T27S R5E S6 BT.

A pinon, 10 ins. diam., bears S. 49° 30' E., 91 lks. dist., marked T27S R5E S7 BT.

A pinon, 14 ins. diam., bears S. 27° 45' W., 360 lks. dist., marked T27S R4E S12 BT.

A pinon, 8 ins. diam., bears N. 6° 30' W., 604 lks. dist., marked T27S R4E S1 BT.

Land, rolling and broken mountainous, with general easterly exposure and drainage.

Soil, gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.

Timber, pinon, juniper, and aspen.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains.	
	Undergrowth, sage, buck, bitter, service berry, and rabbit brush.
	Good grazing land.
	From the cor. of secs. 1, 6, 7, and 12.
	North, on true line, bet. secs. 1 and 6.
	Descend gradual N. slope of rolling mountainous land, through dense sagebrush and scattered bitter, service berry, and rabbit brush undergrowth.
6.10	Bottom of open draw, 25 ft. below cor., drains NE.; ascend gradually over rolling SE. slope.
6.60	Enter medium dense pinon and juniper, bears NE. and SW.
13.10	Leave timber and enter dense rabbit and sage brush, bears NW. and N. 70° E.
20.00	Rise, 15 ft. above draw, bears N. 70° E. and S. 70° W.; descend gradually over rolling N. slope.
22.50	Wash, 60 lks. wide, 20 ft. deep, drains N. 70° E.
32.30	Small seep, in wash 15 lks. wide, 6 ft. deep, drains N. 60° E.
40.00	On gradual NE. slope, 40 ft. below rise, in S. edge of dense juniper and pinon timber, bears W. and SE.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. secs. 1 and 6, with brass cap marked
	¼ S1 | S6 1933
	from which:
	A pinon, 10 ins. diam., bears N. 49° E., 68 lks. dist., marked ¼ S6 BT.
	A pinon, 8 ins. diam., bears N. 64° W., 95 lks. dist., marked ¼ S1 BT.
52.40	Stream of water, 2 lks. wide, 1 in. deep, in wash, 50 lks. wide, 25 ft. deep, in draw, 70 ft. below the ¼ sec. cor.; drains NE.; ascend gradual S. slope.
54.90	Wash, 30 lks. wide, 15 ft deep, drains S. 60° E., 2.00 chs. dist., to junction with main draw, thence NE.
60.60	Spur, 30 ft. above draw, projects E.; descend gradual N. slope.
65.40	Draw, 30 ft. below spur, drains S. 80° E.; ascend gradually over SE. slope.
68.01	A ditch, 5 lks. wide, 18 ins. deep, from S. 60° W. to N. 60° E.
70.00	Spur, 65 ft. above draw, projects E.; ascend gradually over general broken SE. slope.

EAST BOUNDARY, T. 27 S., R. 4 E.

Chains	
71.50	Leave dense timber, bears N. 20° E. and N. 30° W., the through scattered pinon and juniper timber, and under-growth of dense sagebrush.
80.00	On gradual SE. slope, 10 ft. above spur, in center of old road, bears N. 30° W. and S. 30° E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the cor. of lots 1 and 8, sec. 1, with brass cap marked

T27S
R4E | R5E
L1 | S6
S1 |
L8 |
1933

from which

A pinon, 5 ins. diam., bears S. 66° 15' W., 179 lks. dist., marked L8 S1 BT.

A pinon, 5 ins. diam., bears N. 62° W., 208 lks. dist., marked L1 S1 BT.

85.15	Intersect the S. boundary of T. 26 S., R. 5 E.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the closing cor. of Tps. 27 S., Rs. 4 and 5 E., with brass cap marked

T26S R5E
S31
S1 | S6
R4E | R5E
T27S
CC
1933

from which:

A juniper, 18 ins. diam., bears S. 57° 30' E., 73 lks. dist., marked T27S R5E S6 CC BT.

A juniper, 12 ins. diam., bears S. 68° 45' W., 322 lks dist., marked T27S R4E S1 CC BT.

Cor. set on gradual SE. slope, 45 ft. above the lot cor. and E. 2.50 chs. dist. from old road, bearing NW. and SE From this cor., the cor of Tps. 26 S., Rs. 4 and 5 E., heretofore described, bears West, 12.54 chs. dist., 160 ft. above the closing cor.

Land, rolling and broken mountainous, with general easterly exposure and drainage.

Soil, gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.

Timber, pinon and juniper.

Fair grazing land.

Undergrowth, sage, rabbit, service berry, and bitter brush.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	From the cor. of secs. 1, 2, 35, and 36, on the S. boundary of the township, heretofore described.
	N. 0° 01' W. bet. secs. 35 and 36.
	Ascend gradually over steep broken E. slope of broken mountainous land, through scattered red pine timber, and undergrowth of dense sagebrush and scattered deer and bitter brush.
8.00	Enter dense aspen timber, bears E. and W.
13.30	Top of ascent, 40 ft. above cor., bears N. 70° E. and S. 70° W.; descend abruptly over broken NE. slope.
30.60	Timber becomes scattered pinon, red pine, yellow pine, and aspen, bears E. and W.
32.80	Draw, 330 ft. below top of descent, drains E.; ascend gradually over SE. slope.
36.67	The SW. end of a metal water trough, erected by the Forest Service, 100 ft. long, bears S. 65° E., 6.00 chs. dist. Small spring at NE. end of water trough.
40.00	On gradual SE. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. secs. 35 and 36, with brass cap marked
	¼ S35 | S36 1933
	from which:
	A yellow pine, 36 ins. diam., bears S. 1° E., 312 lks. dist., marked ¼ S36 BT.
	No other bearing tree available.
42.50	Ridge, 5 ft. above the ¼ sec. cor., bears E. and W.; descend gradually over rolling NE. slope.
49.00	Timber becomes medium dense groves of aspen and medium dense red pine timber, bears SE. and SW.
55.50	Enter dense aspen grove, bears NE. and SW.
60.80	Leave timber, bears E. and W., thence through opening of medium dense sagebrush and yellow top undergrowth.
67.80	Enter dense aspen, scattered red pine and yellow pine timber, bears N. 60° E. and S. 60° W.
69.00	Draw, 245 ft. below ridge, drains N. 65° E.; ascend gradual SE. slope.
70.50	Timber becomes scattered aspen, red, and yellow pine, bears SE. and S. 70° W.
71.30	Spur, 5 ft. above draw, projects N. 60° E. about 2.50 chs. to end; descend gradual N. slope.
75.50	Draw, 25 ft. below spur, drains E. 1.50 chs. dist., thence N. 70° E.; ascend gradual S. slope.
80.00	On top of spur, 70 ft. above draw, projects SE.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked
	T27S R4E S26 | S25 S35 | S36 1933
	from which:
	A red pine, 8 ins. diam., bears N. 13° 15' E., 218 lks. dist., marked T27S R4E S25 BT.
	A red pine, 12 ins. diam., bears S. 59° E., 74 lks. dist., marked T27S R4E S36 BT.
	A yellow pine, 16 ins. diam., bears S. 73° 15' W., 181 lks. dist., marked T27S R4E S35 BT.
	A yellow pine, 16 ins. diam., bears N. 85° W., 27 lks. dist., marked T27S R4E S26 BT.
	Land, broken and mountainous, with general easterly exposure and drainage.
	Soil, gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, red pine, yellow pine, and pinon.
	Undergrowth, sage, bitter, deer, and yellow top brush.
	Good grazing land.
	East on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township, heretofore described.
	Thence:
	West, on true line bet. secs. 25 and 36.
	Descend gradual SW. slope of rolling bench land, through medium dense yellow pine timber, and undergrowth of dense sage and bitter brush.
2.60	Draw, 15 ft. below cor., drains SE.; ascend gradual rolling E. slope
31.30	Ascent becomes more abrupt, bears NW. and SE., thence over rolling NE. slope.
39.99	On gradual rolling NE. slope, 310 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 25 and 36, with brass cap marked
	¼ S25 / S36 1933

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	from which:
	A yellow pine, 6 ins. diam., bears N. 1° 45' E., 48 lks. dist., marked ¼ S25 BT.
	A yellow pine, 8 ins. diam., bears South, 27 lks. dist., marked ¼ S36 BT.
56.20	Top of ascent on N. edge of bench, 140 ft. above ¼ sec. cor., bears N. 30° E. and S. 30° W.; descend gradually along steep NW. slope, through dense yellow and red pine timber, bears with top of ascent.
69.10	Draw, 50 ft. below top of ascent, drains NE.; ascend abrupt broken E. slope, through medium dense yellow and red pine and aspen, and undergrowth of medium dense bitter, sage, yellow top, and deer brush, bears NE. and SW.
79.98	The cor. of secs. 25, 26, 35, and 36, 260 ft. above draw.
	Land, rolling bench land, and extreme W. portion broken and mountainous, with general easterly exposure and drainage.
	Soil, shallow gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.
	Timber, yellow and red pine and aspen.
	Undergrowth, bitter, sage, yellow top, and deer brush.
	Good grazing land.
	N. 0° 01' W, bet. secs. 25 and 26.
	Ascend gradually over steep E. slope of broken mountainous land, through medium dense yellow and red pine, pinon, and juniper timber, and undergrowth of medium dense sage, bitter, and yellow top brush.
2.50	Enter dense yellow and red pine timber, and undergrowth of bitter and sagebrush and scattered manzanita, bears W. and SE.
18.10	Spur, 65 ft. above cor., projects E.; descend abruptly over steep NE. slope.
20.60	A small spring of good water, bears W. about 3.00 chs. dist.,
25.30	Head of draw, 75 ft. below spur, drains E.; ascend abrupt SE. slope.
31.60	Enter scattered yellow and red pine timber, bears NE. and S. 60° W.
34.00	Spur, 160 ft. above head of draw, projects N. 75° E.; descend gradual NE. slope.
37.70	Enter medium dense red and yellow pine and aspen timber, and undergrowth of medium dense deer and sage brush, bears, SE. and NW.
40.00	On gradual NE. slope, 40 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains.

the ground, for ¼ sec. cor., with brass cap marked

¼

S26 | S25

1933

from which:

An aspen, 8 ins. diam., bears N. 37° 15' E., 22 lks. dist., marked ¼ S25 BT.

A yellow pine, 20 ins. in diam., bears, N. 68° W., 10 lks. dist., marked ¼ S26 BT.

50.00 Descent becomes more abrupt, bears N. 30° W. and S. 30° thence over steep broken NE. slope.

61.10 Dry bottom of Deep Creek Canyon, 270 ft. below the ¼ sec. cor., drains S. 60° E.; ascend abruptly over steep broken SW. slope of sandstone outcroppings and small ledges.

65.00 Top of sandstone ledge, 50 ft. high, bears S. 60° E., and N. 60° W. 35 lks. dist. to W. end; thence through scattered red and yellow pine, pinon, juniper, and limber pine timber, bears with top of ledge.

77.98 Forest Service trail, bears N. 75° E. and S. 75° W.

79.25 Old ditch from N. 80° W., drains S. 80° E.

80.00 On steep SW. slope, 475 ft. above Deep Creek Canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked

T27S R4E	
S23	S24
S26	S25

1933

from which:

A red pine, 14 ins. diam., bears N. 87° 30' E., 66 lks dist., marked T27S R4E S24 BT.

A pinon, 8 ins. diam., bears S. 58° 30' E., 49 lks. dist., marked T27S R4E S25 BT.

A red pine, 15 ins. diam., bears S. 15° W., 10 lks. dist., marked T27S R4E S26 BT.

A pinon, 6 ins. diam., bears N. 33° 30' W., 24 lks. dist., marked T27S R4E S23 BT.

Land, broken and mountainous, with general easterly exposure and drainage.

Soil, shallow clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic and sandstone formation.

Timber, red pine, yellow pine, aspen, juniper, pinon, and limber pine.

Undergrowth, bitter, sage, deer, and yellow top brush.

Good grazing land.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
	East on random line, bet. secs. 24 and 25
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the township, heretofore described.
	Thence:
	West, on true line, bet. secs. 24 and 25.
	Ascend abrupt E. slope of broken mountainous land, through dense pinon and juniper and scattered red pine and yellow pine timber, and medium dense mahogany undergrowth.
15.00	Deep Creek Ridge, 365 ft. above cor., bears S. 35° E. and N. 35° W.; descend abruptly over steep broken SW. slope, through dense pinon and juniper and scattered red pine timber, and undergrowth of dense mahogany and scattered bitter brush, bears with ridge.
38.40	Gulch, 275 ft. below ridge, drains S. 20° E.; ascend abrupt broken SE. slope, through dense pinon and juniper and limber pine, and scattered red pine timber, and undergrowth of medium dense bitterbrush and mahogany, bears N. 20° W. and S. 20° E.
40.00	On steep broken SE. slope, 60 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S24 / S25 1933
	from which:
	A red pine, 8 ins. diam., bears N. 38° E., 44 lks. dist., marked ¼ S24 BT.
	A yellow pine, 20 ins. diam., bears S. 4° 15' W., 33 lks. dist., marked ¼ S25 BT.
	From this cor. a small spring of alkali water, bears S. 22° W., 4.50 chs. dist.
43.40	Top of sandstone ledge, 20 ft. high, bears S. and NE.
47.40	Ascent becomes more gradual, bears N. and S., over gradual SE. slope.
49.40	Broken gypsum spur, 240 ft. above the ¼ sec. cor., projects S. 20° E.; descend abrupt W. slope.
54.00	Head of draw, 75 ft. below spur, drains S. 15° W.; ascend gradually over steep S. slope.
69.50	Forest Service trail, bears NE. and SW.; thence through medium dense yellow pine, pinon, juniper, and limber pine timber, and undergrowth of scattered sage, yellow top, and bitter brush, bears with trail.
73.25	Old ditch, from S. 60° W., drains NE.
80.00	The cor. of secs. 23, 24, 25, and 26, 260 ft. above head of draw.
	Land, broken and mountainous, with general south-easterly

Chains.	
	exposure and drainage.
	Soil, shallow clay and loose sand, mixed with rock and gravel; 4th rate. Sandstone and volcanic formation.
	Timber, pinon, juniper, yellow pine, and red pine, and limber pine.
	Undergrowth, mahogany, bitter, yellow top, and sage brush.
	Poor grazing land.
	N. 0° 01' W., bet. secs. 23 and 24.
	Ascend abrupt S. slope of broken mountain land, through medium dense pinon and juniper, and scattered red pine timber, and undergrowth of medium dense sagebrush and scattered yellow top.
3.60	Leave timber, bears NW. and S. 60° E., thence through undergrowth of medium dense yellow top, scattered sage and deer brush.
9.34	Top of abrupt ascent, bears S. 75° E. and N. 75° W.; ascend gradually over rolling SE. slope.
15.60	Top of ascent, 290 ft. above cor., bears E. and W.; descend gradually over E. slope.
20.00	Deep Creek Ridge, 20 ft. below top of ascent, bears S. 80° E. and S. 80° W.; descend gradually over rolling NE. slope.
38.20	Enter dense aspen timber and undergrowth of medium dense deer brush, bears NW. and SE.
40.00	On gradual NE. slope, 100 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S23 | S24 1933
	from which:
	An aspen, 6 ins. diam., bears N. 54° 30' E., 19 lks. dist., marked ¼ S24 BT.
	An aspen, 5 ins. diam., bears N. 51° 30' W., 15 lks. dist., marked ¼ S23 BT.
47.50	Leave aspen timber, bears SE. and N. 60° W., thence through undergrowth of medium dense sage, yellow top, and deer brush.
57.00	Enter dense aspen timber, bears SE. and N. 70° W.
59.00	Draw, 120 ft. below ¼ sec. cor., drains NE.; ascend gradually along rolling E. slope
64.50	Leave aspen timber, bears E. and W.
65.50	Rolling top of spur, 51 ft. above draw, projects N. 60° E.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	descend gradual NE. slope.
72.00	Draw, 25 ft. below spur, drains E.; ascend gradual S. slope.
78.30	Spur, 30 ft. above draw, projects N. 70° E.; descend gradual NE. slope.
80.00	On gradual NE. slope, 15 ft. below spur,
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked

T27S	R4E
S14	S13
S23	S24

1933

from which:

A red pine, 15 ins. diam., bears N. 45° E., 137 lks. dist. marked T27S R4E S13 BT.

A red pine, 18 ins. diam., bears N. 40° 15' W., 267 lks. dist., marked T27S R4E S14 BT.

No other bearing trees available.

Land, rolling and mountainous, with general northeasterly exposure and drainage.

Soil, clay and loose sand, mixed with rock and gravel; 3rd rate. Voloanic formation.

Timber, aspen, pinon, juniper, and red pine.

Undergrowth, sage, yellow top, and deer brush.

Good grazing land.

East on random line, bet. secs. 13 and 24.

40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 13, 18, 19, and 24, heretofore described.
	Thence:
	N. 89° 58' W, on true line, bet. secs. 13 and 24.
	Descend gradually over steep NW. slope of broken mountainous land, through medium dense pinon, juniper, red pine, and yellow pine timber, and undergrowth of medium dense service berry, scattered sage, deer, bitter, and yellow top brush.
3.40	Draw, 20 ft. below cor., drains N. 75° E.; ascend abrupt broken SE. slope, through dense pinon and juniper, and scattered yellow pine timber, bears N. 75° E. and S. 75° W.
21.00	Leave dense timber and enter scattered groves of aspen, and undergrowth of medium dense sage, yellow top, and deer brush, bears S. and NE.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
26.55	Small spring, bears S. 30° 30' E.
40.00	On steep SE. slope, 600 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to soild rock and in a mound of stone to to for ¼ sec. cor., with brass cap marked
	¼ S13 / S24 1933
	from which:
	An aspen, 8 ins. diam., bears S. 70° W., 319 lks. dist., marked ¼ S24 BT.
	An aspen, 5 ins. diam., bears N. 80° W., 352 lks. dist., marked ¼ S13 BT.
43.40	Enter dense aspen grove, bears S. and N. 20° E.
44.30	Leave aspen grove, bears N., and S. 1.50 chs. dist. to S. end.
47.96	Small spring, bears S. 61° 30' E.
50.30	Spur, 100 ft. above the ¼ sec. cor., projects N. 3.00 chs. dist., thence NE.; descend gradual W. slope.
54.00	Head of a small draw, 10 ft. below spur, drains N. 30° W. ascend abruptly over steep broken NE. slope.
54.50	North edge of an aspen grove, 1.50 chs, wide E. and W., and about 2.50 chs. long N. and S.
56.70	Enter dense aspen grove at E. end, bears N. 60° W. and S. 60° W.
60.30	Leave aspen grove, bears SE. and NW.
62.70	Bend in spur, 120 ft. above head of draw, from S. 80° W. and projects SE.; descend gradually along rolling N. slope.
66.01	Forest Service trail, bears N. 25° W. and S. 25° E.
70.20	Head of draw, 20 ft. below spur, drains N. 30° E.; ascend gradual E. slope, through dense aspen grove, bears N. 30° E. and S. 30° W.
72.20	Leave aspen grove, bears N. and S.
74.00	Spur, 60 ft. above head of draw, projects NE.; ascend gradually over rolling NE. slope.
80.00	The cor. of secs. 13, 14, 23, and 24., 50 ft. above spur.
	Land, broken and mountainous, with general easterly exposure and drainage.
	Soil, gray clay and lopse sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, pinon, juniper, aspen, yellow pine, and red pine.
	Undergrowth, sage, deer, yellow top, service berry, and bitter brush.
	Good grazing land.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
	N. 0° 01' W., bet. secs. 13 and 14.
	Descend gradual NE. slope of rolling mountainous land, through groves of dense aspen and scattered red pine timber, and undergrowth of medium dense sage, yellow top, and deer brush.
0.65	Enter dense aspen grove, bears E. and W.
4.70	Draw, 60 ft. below sec. cor., drains N. 60° E.; ascend gradual SE. slope
7.80	Spur, 10 ft. above draw, projects N. 60° E.; descend gradual NE. slope.
13.50	Leave aspen, bears W. and N. 20° E.
21.30	Center of belt of aspen timber, connecting two larger groves, 1.50 chs. wide N. and S.
26.00	Forest Service trail, bears E. and W., in draw, 75 ft. below spur, drains E.; ascend gradual SE. slope.
27.20	Enter dense aspen grove, bears S. 80° E., and W., 1.50 dist., to W. end.
29.00	Leave aspen grove, bears E., and W., 1.50 chs. dist., to W. end.
37.10	Spur, 60 ft. above draw, projects NE.; descend gradually over rolling NE. slope.
40.00	On gradual rolling NE. slope, 30 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S14 | S13 1933
	from which:
	A red pine, 20 ins. diam., bears N. 54° 45' E., 343 lks. dist., marked ¼ S13 BT.
	An aspen, 6 ins. diam., bears N. 65° W., 321 lks. dist., marked ¼ S14 BT.
50.30	Enter dense aspen grove, bears E. and W.
53.30	Leave aspen grove, bears W. and SE.
60.60	Bottom of a wide draw, 150 ft. below the ¼ sec. cor., drains N. 60° E.; ascend gradually over rolling SE. slope.
77.40	Ridge, 75 ft. above draw, bears E. and W.; descend abrupt N. slope.
79.55	Enter dense aspen and willows, bears E. and W.
80.00	On steep N. slope, 85 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 11, 12, 13, and 14., with brass cap marked

Chains.

T27S R4E	
S11	S12
S14	S13

1933

from which:

An aspen, 5 ins. diam., bears N. 41° 15' E., 43 lks. dist., marked T27S R4E S12 BT.

A black willow, 4 ins. diam., bears S. 64° E., 27 lks dist., marked T27S R4E S13 BT.

An aspen, 6 ins. diam., bears S. 32° W., 40 lks. dist., marked T27S R4E S14 BT.

An aspen, 5 ins. diam., bears N. 55° 15' W., 15 lks. dist., marked T27S R4E S11 BT.

Land, rolling and mountainous, with general northeasterly exposure and drainage.

Soil, deep gray clay and mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, aspen and red pine.

Undergrowth, sage, yellow top, and deer brush.

Good grazing land.

S. 89° 58' E., on random line, bet. secs. 12 and 13

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, heretofore described.

Thence:

N. 89° 58' W., on true line bet. secs. 12 and 13.

Ascend gradual NE. slope of rolling mountainous land, through scattered pinon and juniper timber, and undergrowth of medium dense sage and yellow top.

27.30 Ridge, 135 ft. above cor., bears N. 70° W. and S. 70° E. descend gradual SW. slope.

36.60 North edge of Bullberry Flat, bears SE. and SW., at base of descent, 5 ft. below ridge, bears N. and S.; ascend abruptly over steep SE. slope.

40.00 On steep SE. slope, 180 ft. above base of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked

¼ S12 / S13

1933

from which:

A scrub pinon, 3 ins. diam., bears N. 60° 30' W.,

SUBDIVISION CF, T. 27 S., R. 4 E.

Chains.	
	63 lks. dist., marked ¼ S12 BT.
	No other suitable bearing tree available.
45.60	Ascent becomes more gradual and leave timber, bears SW. and N. 30° E.; thence over gradual SE. slope, through dense sagebrush and scattered yellow top.
62.20	Same ridge as last, bears S. 80° W. and N. 80° E., 140 ft. above ¼ sec. cor.; ascend gradually along rolling N. slope of ridge.
73.80	Enter dense aspen timber, bears N. 70° E. and S. 70° W.
80.00	The cor. of secs. 11, 12, 13, and 14, 130 ft. above ridge.
	Land, rolling and mountainous, with general easterly exposure and drainage.
	Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, pinon, juniper, and aspen.
	Undergrowth, sage, yellow top, and deer brush.
	Good grazing land.

	N. 0° 01' W., bet. secs. 11 and 12
	Descend abrupt N. slope of rolling mountainous land, through dense aspen timber, and undergrowth of scattered deer brush and willows.
0.75	Draw, 20 ft. below cor., drains N. 80° E., lined with willows and dense aspen timber; ascend gradual SE. slope.
2.20	Leave timber and willows and enter undergrowth of medium dense sage, yellow top, and deer brush, bears E. and W.
7.20	Spur, 35 ft. above draw, projects N. 60° E.; descend gradual N. slope.
14.70	Enter dense aspen and scattered spruce, bears E. and .
15.70	Polk Creek, which is a stream of good water, 2 1 s. wide, 2 ins. deep, in draw 40 ft. below spur, drains N. 60° E.; ascend gradual SE. slope.
17.80	Leave timber, bears N. and S. 60° W., thence along W. edge of timber through opening.
23.00	Timber bears from S. to N. 70° E.
24.50	Spur, 25 ft. above draw, projects E.; descend gradual N. slope.
26.60	Enter dense aspen timber, bears E. and W.
28.10	Leave aspen and enter scattered pinon and juniper, bears NW. and S. 65° E.
28.90	Draw, 50 ft. below spur, drains E.; ascend gradual SE slope.
40.00	On SE. slope, 65 ft. above draw, at base of abrupt

Chains	
	ascent, bears N. 70° E. and S. 70° W.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to to for ¼ sec. cor., with brass cap marked
	¼ S11 | S12 1933
	from which
	A pinon limb, 8 ins. diam, bears N. 44° 30' E., 213 lks. dist., marked ¼ S12 BT.
	A pinon, 12 ins. diam., bears N. 7° 30' W., 394 lks. dist., marked ¼ S11 BT.
44.70	Round lake, bears N. 23° 36' W.
44.80	Main ridge, 120 ft. above ¼ sec. cor., bears W. and S. 80° E., descend abrupt N. slope.
46.80	Enter dense aspen grove, bears SW. and N. 30° E.
53.00	Leave aspen grove, bears E. and W.
57.80	Enter aspen grove at base of abrupt descent, bears S. 70° E. and N. 70° W., thence descend gradual NE. slo
58.80	Leave aspen grove, bears S. 70° E. and N. 70° W.
63.70	Main draw, 500 ft. below ridge, drains S. 80° E.; ascend gradual S. slope.
69.05	Road to desert, bears N. 50° W. and S. 50° E.
72.30	Spur, 60 ft. above draw, projects S. 60° E.; descend abrupt N. slope, through dense aspen grove, bears N. 70° W. and S. 70° E.
74.80	Leave aspen at base of abrupt descent, bears N. 75° W. and S. 75° E.
76.90	Wash, 75 lks. wide, 30 ft. deep, drains N. 60° E.
80.00	At bottom of descent, 115 ft. below spur, bears E. and W
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked
	T27S | R4E S2 | S1 S11 | S12 1933
	from which:
	An aspen, 8 ins., diam., bears N. 74° E., 362 lks. dist., marked T27S R4E S1 BT.
	An aspen, 6 ins. diam., bears S. 51° E., 197 lks. dist., marked T27S R4E S12 BT.
	An aspen, 5 ins. diam., bears S. 33° W., 210 lks. dist., marked T27S R4E S11 BT.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	A pinon, 12 ins. diam., bears N. 2° W., 244 lks. dist., marked T27S R4E S2 BT.
	Land, rolling and mountainous, with general easterly exposure and drainage.
	Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, pinon, and juniper.
	Undergrowth, sage, yellow top, and deer brush.
	Good grazing land.

	S. 89° 58' E., on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township, heretofore described.
	Thence:
	N. 89° 58' W., on true line bet. secs. 1 and 12.
	Ascend gradually over rolling NE. slope of mountainous land, through dense sagebrush undergrowth.
8.00	Enter scattered pinon and juniper timber, and undergrowth of medium dense sagebrush and yellow top, scattered service berry and deer brush, bears N. 60° E. and S. 60° E.
14.20	Broken spur, 70 ft. above cor., projects NE.; descend gradually along N. slope.
27.70	Small stream of water, 1 lk. wide, 1 in. deep, in wash, 10 lks. wide, 5 ft. deep, in draw, 15 ft. below spur, drains NE.; ascend gradually over steep broken NE. slope.
39.40	On steep NE. slope, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness ¼ sec. cor. secs. 1 and 12, with brass cap marked
	WC ¼ S1/S12
	1930
	from which:
	A pinon, 4 ins. diam., bears S. 41° E., 1.4 lks. dist., marked WC ¼ S12 BT.
	No other bearing tree available.
	Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.
	From this cor. a pole corral bears N. 34° E.
40.00	True point for ¼ sec. cor. falls in bottom of wash, 30 lks wide, 15 ft. deep, drains N. 30° E., where it is impracticable to set permanent cor.

Chains	
54.30	Ascent becomes more gradual over broken N. slope, bear N. and S.
54.40	Pole corral, bears N. 57° 30' E.
72.20	Top of ascent on N. slope, 240 ft. above witness ¼ sec cor., bears NE. and SW.; descend gradually along steep N. slope.
75.00	Wash, 30 lks. wide, 15 ft. deep, in draw, 10 ft. below top of ascent, drains N. 60° E., lined with willows and aspen timber; ascend gradual NE. slope.
80.00	The cor. of secs. 1, 2, 11, and 12, 30 ft. above draw.
	Land, rolling and mountainous, with general northeasterly exposure and drainage.
	Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, pinon, juniper, and aspen.
	Undergrowth, sage, yellow top, service berry, and deer brush.
	Good grazing land.
	N. 0° 01' W., on true line, bet secs. 1 and 2.
	Ascend gradual SE. slope of rolling mountainous land, through scattered pinon and juniper timber, and undergrowth of dense sagebrush, scattered yellow top and deer brush.
5.40	Spur, 15 ft. above cor., projects E.; descend gradual NE. slope.
12.40	Wash, 20 lks. wide, 15 ft. deep, drains N. 70° E.
17.10	Wash, 15 lks. wide, 15 ft. deep, drains N. 60° E.
18.80	Main wash, 50 lks. wide, 30 ft. deep, in wide draw, 85 ft. below spur, drains E.; ascend gradual SE. slope.
21.80	A stream of water, 1 lk. wide, 1 in. deep, drains S. 70°
25.20	Wash, 30 lks. wide, 10 ft. deep, drains SE.
26.60	Small seep in wash, 50 lks. wide, 20 ft. deep, drains SE ascent becomes abrupt over steep S. slope of red clay, bears E. and W.
30.70	Ascent becomes more gradual over broken SE. slope, bears E. and W.
33.50	Wash, 30 lks. wide, 10 ft. deep, drains S. 30° E.
36.28	Old ditch, from SW., drs. NE.
40.00	On gradual SE. slope, 140 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	¼ S2 | S1 1933 from which:
	A pinon, 8 ins. diam., bears N. 51° E., 106 lks. dist., marked ¼ S1 BT.
	A pinon, 8 ins. diam., bears N. 24° 15' W., 336 lks. dist., marked ¼ S2 BT.
40.30	Irrigation ditch, 5 lks. wide, 2 ft. deep, from N. 75° W., drains E.
43.30	Spur, 30 ft. above ¼ sec. cor., projects SE.; descend gradual NE. slope.
46.40	Head of draw, 40 ft. below spur, drains SE.; ascend gradual SE. slope.
48.80	Wash, 10 lks. wide, 2 ft. deep, drains S. 80° E.
52.27	Forest Service telephone line, bears N. 50° E. and S. 50° W.
53.70	Spur, 40 ft. above draw, projects S. 75° W.; descend gradual N. slope.
56.79	Outlet in reservoir dam, bears N. 37° 07' E.
59.15	Old road, bears N. 60° E. and S. 60° W.
70.80	Enter dry reservoir bottom, bears E. and W. about 3.50 chs. dist., thence N. 20° W.
77.00	Leave reservoir bottom, bears S. 75° E. and N. 75° W.; ascend gradual SW. slope.
80.00	On gradual SW. slope, 20 ft. above reservoir bottom.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the cor. of lots 4 and 5, sec. 1, and lots. 1 and 8, sec. 2, with brass cap marked
	T27S R4E L1 | L4 S2 —— S1 L8 | L5 1933
	Deposit a volcanic stone 18 X 6 X 4 ins. at base of post, marked with a cross (X).
	No other suitable accessories available.
85.76	On gradual SW. slope, 75 ft. above reservoir.
	Intersect the N. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for the closing cor. of secs. 1 and 2, T. 27 S., R. 4 E., with brass cap marked

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	T263 R4E S36 S2 T27S C | S1 R4E C 1933
	from which:
	A pinon, 8 ins. diam., bears S. 53° E., 118 lks. dist., marked T27S R4E S1 CC BT.
	No other bearing tree available.
	From this cor. the cor. of secs. 35 and 36, T. 26 S., R. 4 E., heretofore described, bears N. 89° 30' W., 12.59 chs. dist.
	Land, rolling and mountainous with general easterly exposure and drainage.
	Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd. rate. Volcanic formation.
	Timber, scattered pinon and juniper.
	Undergrowth, sage, yellow top, and deer brush.
	Good grazing land.
	——— ———
	From the cor. of secs. 2, 3, 34, and 35, on the S. boundary of the township, heretofore described.
	N. 0° 01' W. bet. secs. 34 and 35.
	Descend gradual NE. slope of rolling mountainous land, through dense spruce, scattered balsam and aspen timber, and undergrowth of scattered deer brush and currant.
14.60	Draw, 235 ft. below cor., drains East; ascend gradual SE. slope, through dense aspen and scattered spruce timber, bears E. and W.
17.00	Leave timber at base of abrupt ascent, bears N. 75° W. and S. 75° E.; thence through scattered sage, deer, and currant brush undergrowth.
33.00	Top of rolling spur, 160 ft. above draw, projects E.; descend gradual NE. slope.
38.00	Head of draw, 30 ft. below spur, drains N. 75° E.; ascend gradually along rolling E. slope.
38.75	West edge of an aspen grove, that bears SE. and NE.
40.00	On gradual E. slope, at E. edge of an aspen grove, that bears S. 20° W. and N. 20° W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor, with brass cap marked
	S34 ¼ S35 1933

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
	from which:
	An aspen, 8 ins. diam., bears S. 29° 30' E., 111 lks. dist., marked ¼ S35 BT.
	An aspen, 6 ins. diam., bears N. 87° 30' W., 42 lks. dist., marked ¼ S34 BT.
40.50	Forest Service trail, bears N. 25° E. and S. 25° W.
47.50	Rolling top of ridge, 15 ft. above the ¼ sec. cor., bears W. and N. 70° E.; descend gradual NE. slope.
52.70	Draw, 15 ft. below ridge, drains N. 70° E.; ascend gradual SE. slope.
56.40	Spur, 20 ft. above draw, projects N. 60° E.; descend gradual NE. slope.
57.80	Enter dense aspen and scattered spruce timber, bears E. and SW.
67.70	A stream of good water, 1 lk. wide, 1 in. deep, in draw, 65 ft. below spur, drains E.; ascend gradual SE. slope.
75.00	Rise, 40 ft. above stream, bears S. 60° E. and N. 60° W.; ascend gradually along rolling E. slope of rise.
80.00	On gradual NE. slope, 20 ft. above rise.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T27S	R4E
S27	S26
S34	S35

1873

from which:

A spruce, 6 ins. diam., bears N. 4[illegible]° 15' E., 64 lks. dist., marked T27S R4E S26 BT.

A spruce, 8 ins. diam., bears S. 22° E., 65 lks. dist., marked T27S R4E S35 BT.

An aspen, 6 ins. diam., bears S. 72° 30' W., 15 lks. dist., marked T27S R4E S34 BT.

A spruce, 6 ins. diam., bears N. 75° W., 46 lks. dist., marked T27S R4E S27 BT.

Land, rolling and mountainous, with general easterly exposure and drainage.

Soil, shallow clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, spruce, balsam, and aspen.

Undergrowth, deer, currant, and sage brush.

Good grazing land.

Chains.	
	East, on random line, bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
39.12	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 25, 26, 35, and 36.
	Thence:
	S. 89° 58' W., on true line bet. secs. 26 and 35.
	Ascend gradual E. slope of broken mountainous land, through scattered red and yellow pine timber, and under growth of medium dense deer, yellow top, and sage brush
1.[illegible]0	Top of ascent, 20 ft. above sec. cor., bears SE. and NW. descend gradual SW. slope.
5.70	Draw, 10 ft. below top of ascent, drains S. 35° E.; ascend abrupt E. slope.
1.10	Spur, 60 ft. above draw, projects SE. about 5.50 chs. dist. to end.; ascend gradual NE. slope.
1[illegible].00	Draw, 40 ft. above spur, drains S. 75° E.; ascend abrupt NE. slope, through dense aspen, red pine and spruce timber, bears SE. and NW.
[illegible]	A blazed trail, bears S. 30° E. and N. 30° W.
[illegible].6	On steep NE. slope, 570 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S26 / S35

1933

from which:

A red pine, 15 ins. diam., bears S. 34° E., 43 lks. dist., marked ¼ S35 BT.

An aspen, 6 ins. diam., bears N. 28° W., 12 lks. dist. marked ¼ S26 BT.

8.90	Timber becomes dense aspen and medium dense spruce, bears SE. and NW.
[illegible].10	Leave timber at top of abrupt ascent, bears S. 30° E. and N. 30° W.; ascend gradual rolling NE. slope.
[illegible].50	Forest Service trail, bears N. 20° E. and S. 20° W.
[illegible].00	Enter dense aspen and scattered spruce timber, bears S. and N. 60° E.
[illegible]	The cor. of secs. 26, 27, 34, and 35, 695 ft. above ¼ sec. cor.
	Land, rolling, broken, and mountainous, with general easterly exposure and drainage.
	Soil, shallow clay and black mountain loam, mixed with rock and gravel; 3rd. rate. Volcanic formation.
	Timber, aspen, red pine, spruce, and yellow pine.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
	Undergrowth, deer, yellow top, and sage brush.
	Good grazing land.
	N. 0° 01' W., bet. secs. 26 and 27.
	Descend gradual NE. slope of rolling mountainous land, through dense aspen and medium dense spruce timber, and undergrowth of scattered deer brush.
4.00	Enter dense spruce and scattered aspen timber, bears E. and W.
13.04	A spruce, 18 ins. diam., on line, marked with two notches each on N. and S. sides.
18.77	A spruce, 14 ins. diam., on line, marked with two notches each on N. and S. sides.
40.00	On gradual NE. slope, 265 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S27 | S26 1933
	from which:
	A spruce, 7 ins. diam., bears N. 37° 30' E., 17 lks. dist., marked ¼ S26 BT.
	A spruce, 6 ins. diam., bears N. 29° 30' W., 32 lks. dist., marked ¼ S27 BT.
43.60	Draw, 25 ft. below ¼ sec. cor., drains N. 80° E.; ascend gradual SE. slope.
49.00	Spur, 45 ft. above draw, projects N. 75° E.; descend gradual NE. slope, through dense aspen and medium dense spruce and balsam timber, bears E. and W.
56.40	Draw, 60 ft. below spur, drains N. 70° E.; ascend gradual SE. slope.
58.30	Spur, 5 ft. above draw, projects N. 75° E.; descend abruptly over steep NE. slope.
61.10	Draw, 35 ft. below spur, drains N. 60° E.; ascend gradual SE. slope.
64.00	Spur, 10 ft. above draw, projects N. 65° E.; descend gradual N. slope.
68.80	Draw, 60 ft. below spur, drains N. 70° E.; ascend gradual SE. slope.
69.70	Spur, 15 ft. above draw, projects NE.; descend gradual NE. slope.
76.10	A small spring, bears W. 25 lks. dist., and drains E.
78.90	Draw, 60 ft. below spur, drains N. 70° E.; ascend gradually along general broken E. slope.

Chains.

80.00 On broken E. slope, 10 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. i the ground to solid rock and in a mound of stone to t for the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T27S	R4E
S22	S23
S27	S26

1933

from which:

A balsam, 8 ins. diam., bears N. 82° 30' E., 16 lks dist., marked T27S R4E S23 BT.

A balsam, 6 ins. diam., bears S. 66° E., 35 lks. dist., marked T27S R4E S26 BT.

A spruce, 8 ins. diam., bears S. 56° W., 64 lks. dist., marked T27S R4E S27 BT.

A balsam, 12 ins. diam., bears N. 31° 30' W., 31 lks dist., marked T27S R4E S22 BT.

Land, south portion rolling and mountainous; north por broken and mountainous, with general north-easterly exposure and drainage.

Soil, shallow clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, spruce, aspen, and balsam.

Undergrowth, deer brush.

Fair grazing land.

N. 89° 58' E., on random line, bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

79.50 Intersect the N. and S. line, 2 lks. S. of cor. of secs 23, 24, 25, and 26.

Thence:

S. 89° 57' W., on true line bet. secs. 23 and 26.

Descend gradually along steep S. slope of broken mountainous land, through medium dense pinon, juniper, red, and yellow pine timber, and undergrowth of scatter yellow top, sage, and deer brush.

1.03 East end of a wood flume, in old ditch, from N. 70° W., drains S. 70° E.

16.90 Enter dense aspen timber, bears SE. and NW.

18.00 Dry bottom of Deep Creek Canyon, 110 ft. below cor., drains SE.; ascend gradually over broken NE. slope along S. side of creek bottom.

21.95 On steep broken NE. slope, 280 ft. above dry bottom of Deep Creek Canyon, among large volcanic boulders.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{S23}{S26}$$

1933

from which:

An aspen, 5 ins. diam., bears South, 2 lks. dist., marked ¼ S26 BT.

An aspen, 5 ins. diam., bears N. 19° W., 23 lks. dist., marked ¼ S23 BT.

48.25 Deep Creek, which is a stream of good water, 3 lks. wide 2 ins. deep, lined with white birch, in draw, 100 ft. above ¼ sec. cor.; ascend gradually over broken E. slope, along N. side of stream, which drains N. 60° E.

58.85 Recross same stream, drains S. 80° E.; ascend gradual E. slope along S. side of stream.

60.22 Forest Service trail, bears SW., and NE., 1.30 chs. dist. to small bridge over Deep Creek. Also from this point, two old log cabins, bears N. 30° E., about 2.50 chs. dist.

60.90 Spur, 210 ft. above ¼ sec. cor., projects NE. 1.00 ch. dist. to end; descend gradually over N. slope.

64.30 Recross same stream, in draw filled with volcanic boulders, 20 ft. below spur, drains NE.; ascend gradually over broken SE. slope.

75.40 Same draw as last and NW. edge of small grassy meadow, drains SE.; ascend abrupt E. slope, through dense aspen, medium dense spruce and balsam, bears SE. and NW.

79.50 The cor. of secs. 22, 23, 26, and 27, 165 ft. above stream.

Land, broken and mountainous, with general easterly exposure and drainage.

Soil, shallow black mountain loam and gray clay, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, aspen, spruce, balsam, pinon, juniper, and red and yellow pine.

Undergrowth, deer, sage, and yellow top brush, and willows along creek.

Exceedingly good grazing land.

N. 0° 01' W., bet. secs. 22 and 23.

Descend gradually along E. slope of broken mountainous land, through dense aspen, medium dense spruce and balsam timber, and undergrowth of scattered deer brush.

2.80 Draw, 5 ft. below cor., drains S. 80° E.; ascend gradual SE. slope, through medium dense aspen timber, and medium dense deer brush undergrowth, bears E. and W.

9.65 Stream of good water, 2 lks. wide, 1 in. deep, from

Chains.	
	spring that bears N. 70° W., 2.50 chs. dist., drains S. 70° E.
10.80	Leave timber, bears N. 70° W. and S. 70° E.; thence through undergrowth of scattered deer and currant bru
17.70	West edge of aspen grove, bears N. 60° E. and S. 60°
30.00	Enter dense aspen timber, bears S. 80° E. and N. 80°
37.70	Rise, 245 ft. above draw, bears N. 70° E. and S. 70° descend general E. slope, through dense aspen and spr
40.00	On gradual E. slope, 5 ft. below rise.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼
S22 | S23
1933

from which:

A spruce, 6 ins. diam., bears N. 58° E., 4 lks. dist., marked ¼ S23 BT.

A spruce, 14 ins. diam., bears N. 30° 15' W., 44 lks dist., marked ¼ S22 BT.

53.50	Deep Creek Ridge, 15 ft. below ¼ sec. cor., bears E. a W.; descend gradually over rolling N. slope.
59.15	Irrigation ditch, from S. 20° W., drains N. 20° E.
67.35	Same ditch, from S. 20° E., drains N. 40° W.
70.70	Forest Service trail, bears S. 60° E. and N. 60° W.
80.00	On gradual N. slope, 115 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked

T27S R4E	
S15	S14
S22	S23

1933

from which:

A spruce, 10 ins. diam., bears N. 34° 30' E., 33 lks. dist., marked T27S R4E S14 BT.

An aspen, 5 ins. diam., bears S. 41° E., 17 lks. dist., marked T27S R4E S23 BT.

A spruce, 20 ins. diam., bears S. 27° 30' W., 55 lks. dist., marked T27S R4E S22 BT.

A spruce, 16 ins. diam., bears N. 52° W., 76 lks. dist., marked T27S R4E S15 BT.

Land, rolling and mountainous, the south portion with general south-easterly exposure and drainage; the north portion general northerly exposure and drainage.

Chains	
79.00	Soil, gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, spruce, and balsam.
	Undergrowth, deer, and currant brush and grass.
	Exceedingly good grazing land.
	N. 89° 57' E., on random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 7 lks. N. of cor. of secs. 13, 14, 23, and 24.
	Thence:
	West, on true line bet. secs. 14 and 23
	Ascend gradually over steep NE. slope of rolling mountainous land, through undergrowth of medium dense sage, yellow top, and deer brush.
8.00	Enter dense aspen and scattered red pine timber, bears N. 80° E. and S. 80° W.
13.40	Timber becomes dense red pine and aspen, bears NW. and SE.
17.10	Enter dense sage, yellow top, and deer brush in opening, bears N. 30° W. and S. 30° E.
23.00	Enter dense aspen, bears S. 30° W., and N. 30° E., 1.00 ch. dist., thence N. 20° W.
28.80	Leave timber, bears SW., and N., 1.00 ch. dist., thence N. 60° W.
37.60	Enter dense aspen, scattered spruce and red pine timber, bears, N. and S.
39.95	On gradual NE. slope, 400 ft. above cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S14}{S23}$$

1933

from which:

A red pine, 18 ins. diam., bears S. 5° W., 39 lks. dist., marked ¼ S23 BT.

An aspen, 6 ins. diam., bears N. 6° 30' W., 39 lks. dist., marked ¼ S14 BT.

79.90	The cor. of secs. 14, 15, 22, and 23, 315 ft. above ¼ sec. cor.
	Land, rolling and mountainous, with general north-easterly exposure and drainage.
	Soil, gray clay and black mountain loam, mixed with rock and gravel, 3rd rate. Volcanic formation.

Chains	
	Timber, aspen, red pine, spruce, and balsam. Undergrowth, deer, sage, and yellow top brush. Exceedingly good grazing land.
	N. 0° 01' W., bet. secs. 14 and 15.
	Descend gradual N. slope of rolling mountainous land through dense aspen, scattered spruce timber, and undergrowth of scattered deer brush.
8.00	Leave timber, bears S. 75° W. and N. 75° E.
10.00	Draw, 50 ft. below cor., drains N. 20° E.; ascend gradual SE. slope.
12.00	Enter dense aspen, medium dense spruce and balsam timb bears N. 60° E. and S. 60° W.
13.00	Top of ascent, 10 ft. above draw, bears E. and W.; descend gradual NE. slope.
18.00	Same draw, 70 ft. below top of ascent, drains N. 25° continue gradual descent along NW. slope of draw.
22.30	Stream of good water, 1 lk. wide, 1 in. deep, in same draw as last, 50 ft. below last crossing of draw, drai N. 20° E.; descend gradually over rolling NE. slope.
40.00	On gradual NE. slope, 115 ft. below last crossing of draw,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S15 | S14 1933
	from which:
	A spruce, 18 ins. diam., bears N. 17° E., 19 lks. dist., marked ¼ S14 BT.
	A spruce, 14 ins. diam., bears N. 27° W., 18 lks. dist., marked ¼ S15 BT.
41.45	Polk Creek, which is a stream of good water, 2 lks. wid 2 ins. deep, at S. edge of wide draw, drains E., 10 ft. below ¼ sec. cor.; thence over nearly level bottom of draw.
46.65	A stream of good water, 1 lk. wide, 1 in. deep, drains
47.50	Leave bottom of draw, bears E. and W.; ascend gradual SE. slope.
53.15	Forest Service trail, bears N. 75° W. and S. 75° E.
64.10	Leave timber, bears N. 80° W. and S. 60° E.
65.30	Bend in ridge, 50 ft. above draw, bears S. 70° E. and S. 70° W.; ascend gradually along E. slope.
69.00	Spur, 5 ft. above ridge, projects NE.; descend gradual NW. slope.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
72.00	Enter dense aspen, medium dense red pine and spruce timber, bears E. and W.
74.00	Draw, 45 ft. below spur, drains N. 60° E.; ascend gradual SE. slope.
75.60	Spur, 5 ft. above draw, projects N. 60° E., about 3.00 chs. dist. to end; descend gradual N. slope.
78.50	Draw, 30 ft. below spur, drains E.; ascend gradual S. slope, through dense aspen and scattered red pine timber, bears E. and W.
80.00	On gradual S. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked

T27S	R4E
S10	S11
S15	S14

1933

from which:

An aspen, 8 ins. diam., bears N. 32° 30' E., 36 lks. dist., marked T27S R4E S11 BT.

An aspen, 6 ins. diam., bears S. 64° 30' E., 51 lks. dist., marked T27S R4E S14 BT.

An aspen, 6 ins. diam., bears S. 68° W., 55 lks. dist., marked T27S R4E S15 BT.

An aspen, 5 ins. diam., bears N. 61° 30' W., 56 lks. dist., marked T27S R4E S10 BT.

Land, rolling and mountainous, with general easterly exposure and drainage.

Soil, black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, aspen, spruce, and red pine, and balsam.

Undergrowth, deer brush and grass.

Exceedingly good grazing land.

	East, on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the N. and S. line, at the cor. of secs. 11, 12, 13, and 14.
	Thence:
	West, on true line bet. secs. 11 and 14.
	Descend gradually along steep N. slope of rolling mountainous land, through dense aspen timber and undergrowth of scattered deer brush.
3.20	Draw, 5 ft. below cor., drains N. 75° E.; ascend gradual

Chains	
	SE. slope.
9.20	Leave aspen timber and enter medium dense sage, yello top, and deer brush, bears N. 60° E. and S. 60° W.
13.40	Ridge, 85 ft. above draw, bears N. 60° E. and S. 60° ascend gradually along general N. slope.
14.50	Enter dense aspen timber, bears N. 30° E. and S. 30°
21.10	Polk Creek, which is a stream of water, 2 lks. wide, in. deep, in draw, 30 ft. above ridge, drains N. 60° ascend gradual SE. slope.
26.60	Top of ascent, on S. point of spur from N., bears N. and S., 50 ft. above creek; descend gradual SW. slope
29.10	Stream of water, 1 lk. wide, 1 in. deep, in draw, 10 below top of ascent , drains SE.; ascend gradual E. s
35.16	Bend in same stream, from N. 60° W., 30 ft. above last crossing, drains N. 75° E.; ascend gradually over rolling E. slope.
39.93	On gradual E. slope, 40 ft. above last crossing of stream.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a maund of stone to to for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}$ S11 / S14
	1933
	from which:
	An aspen, 5 ins. diam., bears S. 62° E., 39 lks. dist., marked ¼ S14 BT.
	An aspen, 6 ins. diam., bears N. 20° 30' W., 16 lks. dist., marked ¼ S11 BT.
48.40	Leave timber, bears S. 20° E. and N. 20° W.
50.90	Ascent becomes more abrupt, bears NE. and SW.; thence ascend abruptly over broken SE. slope.
56.40	Enter dense aspen and scattered red pine and yellow pin timber, bears NW. and SE.
62.76	Stream of water, 1 lk. wide, 1 in. deep, in ditch, 5 lk wide, 18 ins. deep, from S. 30° W., drains N. 30° E.
66.10	Ascent becomes more gradual over rolling NE. slope, bears NE. and SW.
70.40	Draw, 365 ft. above ¼ sec. cor., drains N. 80° E.; ascend gradual SE. slope.
79.86	The cor. of secs. 10, 11, 14, and 15, 55 ft. above draw.
	Land, broken and rolling and mountainous, with general easterly exposure and drainage.
	Soil, gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, red pine, and yellow pine.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	Undergrowth, deer, yellow top, and sage brush.
	Exceedingly good grazing land.
	N. 08 01' W., bet. secs. 10 and 11
	Ascend gradual S. slope of rolling mountainous land, through medium dense aspen and scattered red pine timber, and undergrowth of scattered deer, yellow top, and sage brush.
1.40	Leave timber, bears E. and W.
8.40	Bend in main ridge, 80 ft. above cor., bears N. 70° W. and N. 70° E.; descend gradual NE. slope.
10.20	Enter dense aspen, medium dense spruce and balsam, and scattered red pine timber, bears N. 60° E. and S. 60° W.
27.00	Begin abrupt descent over steep N. slope, bears W. and E.
31.00	Descent becomes more gradual over gentle rolling NE. slope, bears E. and W.
33.70	A small spring, bears W., 20 lks. dist., drains N. 60° E.
40.00	On gradual NE. slope, 265 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S10 | S11 1933 from which:
	An aspen, 5 ins. diam., bears N. 57° E., 21 lks. dist., marked ¼ S11 BT.
	An aspen, 5 ins. diam., bears S. 50° W., 13 lks. dist., marked ¼ S10 BT.
43.18	Forest Service telephone line, bears N. 40° E. and S.40°W.
43.40	Stream of good water, 1 lk. wide, 1 in. deep, in draw, 30 ft. below ¼ sed. cor., drains NE.; ascend gradual SE. slope.
46.80	Leave aspen, spruce, and balsam timber, bears N. 60° E. and S. 60° W.; thence through scattered red pine timber, and undergrowth of medium dense sage and yellow top, and scattered currant and deer brush.
47.80	Spur, 20 ft. above draw, projects N. 70° E.; descend gradual N. slope.
52.00	Enter dense aspen and scattered red pine timber, bears E. and W.
57.10	Draw, 115 ft. below spur, drains E.; ascend gradual SE. slope.
64.60	Spur, 35 ft. above draw, projects N. 60° E.; descend abrupt N. slope, through dense aspen and red pine, and scattered spruce and balsam timber, bears E. and W.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
72.50	Leave timber and enter opening, bears S. 75° W. and N. 75° E., at base of abrupt descent, bears with timber descend gradual N. slope.
80.00	On gradual N. slope, 155 ft. below spur, in small opening.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T27S	R4E
S3	S2
S10	S11

1933

from which:

An aspen, 8 ins. diam., bears N. 10° E., 183 lks. dist., marked T27S R4E S2 BT.

An aspen, 10 ins. diam., bears S. 0° 30' E., 168 lks. dist., marked T27S R4E S11 BT.

An aspen, 8 ins. diam., bears S. 4° W., 159 lks. dist., marked T27S R4E S10 BT.

An aspen, 9 ins. diam., bears N. 43° W., 142 lks. dist., marked T27S R4E S3 BT.

Land, rolling and mountainous, with general south-easterly exposure and drainage on extreme S. portion, and general north-easterly exposure and drainage on N. portion.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, aspen, red pine, spruce, and balsam.

Undergrowth, deer, yellow top, and sage brush.

Good grazing land.

East, on random line bet. secs. 2 and 11

40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 5 lks. N. of cor. of secs. 1, 2, 11, and 12.

Thence:

N. 89° 58' W., on true line bet. secs. 2 and 11.

Ascend abrupt E. slope of broken and mountainous land, through scattered pinon and juniper timber, and undergrowth of medium dense sagebrush and yellow top.

17.40	Bend in ridge, 230 ft. above cor., bears SE. and N. 60° descend gradual SW. slope.
23.10	Old wagon road, bears SE. and NW.
25.10	Draw, lined with willows, 50 ft. below ridge, drains SE.; ascend gradually over rolling NW. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
25.90	Leave pinon and juniper and enter dense aspen timber, bears SE. and NW.
28.00	Leave timber, bears SE. and NW.
39.95	On gradual E. slope, 110 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked S2 ¼ ——— , S11 1933 from which:
	An aspen, 10 ins. diam., bears S. 77° 15' W., 159 lks. dist., marked ¼ S11 BT.
	An aspen, 10 ins. diam., bears N. 84° 30' W., 173 lks. dist., marked ¼ S2 BT.
41.50	Irrigation ditch, 5 lks. wide, 18 ins. deep, from S. 20? W., drains North.
42.30	North edge of a small aspen grove, bears SE. and SW.
49.18	Forest Service telephone line, bears N. 30° E. and S. 30° W
65.90	Enter aspen grove, bears SE. and N. 75° E.
68.10	Leave aspen grove, bears NE., and S. 30° W., 2.00 chs. dist., thence SE.
70.83	A small spring, bears North, about 2.50 chs. dist., drains N. 75° E.
72.80	Enter aspen grove, bears NW. and SE.
76.00	Leave aspen grove, bears NE. and SW.
79.90	The cor. of secs. 2, 3, 10, and 11, 260 ft. above ¼ sec. cor.
	Land, rolling and mountainous, with general easterly exposure and drainage.
	Soil, gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, pinon, and juniper.
	Undergrowth, sage, yellow top, and deer brush.
	Good grazing land.
	———
	N. 0° 01' W., on true line bet. secs. 2 and 3.
	Descend gradual N. slope of rolling mountainous land, through scattered groves of aspen timber and under growth of dense sagebrush and scattered yellow top and deer brush
1.50	Draw, 5 ft. below cor., drains N. 80° E.; ascend gradual SE. slope.

SUBDIVISION OF SECTIONS, T. 27 S., R. 4 E.

Chains.	
3.50	Enter dense aspen grove, bears SW. and NW.
6.75	A small spring, bears E., 20 lks. dist., drains S. 70°
8.20	Spur, 35 ft. above draw, projects S. 80° E.; descend gradual NE. slope, through scattered red pine timber, and undergrowth of medium dense sage and yellow top, a scattered service berry and deer brush, bears E. and W.
10.15	Wash, 20 lks. wide, 10 ft. deep, in draw that heads W. about 8.00 chs. dist., 25 ft. below spur, drains S. 70° E.; ascend gradual SE. slope.
[illegible]	Ridge, 50 ft. above draw, bears S. 75° E., and N. 75° W about 5.00 chs. dist., thence S. 60° W.; descend gradu NE. slope.
24.50	Enter dense aspen grove, bears E. and W.
[illegible]	Leave aspen grove, bears SE. and NW.
[illegible]	Draw, 70 ft. below ridge, drains S. 70° E.; ascend NE. slope.
[illegible]	On gradual SE. slope, 95 ft. above draw;
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S3 | S2
1933

from which:

A limber pine, 18 ins. diam., bears N. 11° 30' E., 18 lks. dist., marked ¼ S2 BT.

An aspen, 6 ins. diam., bears N. 74° 15' W., 308 lks. dist., marked ¼ S3 BT.

[illegible]	Old wagon road, bears S. 75° E. and N. 75° W.
41.00	Spur, 10 ft. above ¼ sec. cor., projects S. 70° E.; descend gradual NE. slope.
47.[illegible]	Round Lake, bears N. 57° E.
51.75	Road to Round Lake, bears NE. to Round Lake and SW. to Elk Horn Ranger road.
57.70	Enter dense aspen timber, bears W. and N. 70° E.
[illegible]	A small spring, bears W. 50 lks. dist., drains N. 70° E.
[illegible]	Bottom of circular basin, about 1.50 chs. diam., 185 ft. below spur; ascend gradual broken SE. slope.
[illegible]	Leave dense timber and enter scattered aspen, red pine, pinon, juniper, and limber pine timber, and undergrowth of medium dense sagebrush, scattered deer, service berry, and yellow top brush, bears E. and W.
80.00	On gradual broken SE. slope, 75 ft. above basin.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 2, and lots 1 and 8, sec. 3, with brass cap marked

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.

T27S	R4E
L1	L4
S3	S2
L8	L5

1933

from which:

An aspen, 5 ins. diam., bears S. 62° W., 150 lks. dist., marked L8 S3 BT.

No other bearing trees available.

86.28 On gradual SE. slope, 40 ft. above lot cor.

Intersect the N. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing cor. of secs. 2 and 3, T. 27 S., R. 4 E., with brass cap marked

T26S R4E
S35

S3	S2
T27S	R4E
C	C

1933

from which:

A limber pine, 10 ins. diam., bears S. 56° 15' E., 210 lks. dist., marked BT. Too scrubby for other marks.

No other bearing tree available.

From this cor. the cor. of secs. 34 and 35, T. 26 S., R. 4 E., heretofore described, bears N. 89° 42' W., 13.35 chs. dist.,

From the closing cor. of secs. 2 and 3, T. 27 S., R. 4 E., Round Lake, bears S. 60° 30' E.

Land, rolling and mountainous, with general easterly exposure and drainage.

Soil, deep clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, aspen, red pine, pinon, juniper, and limber pine,

Undergrowth, sage, yellow top, deer, and service berry brush.

Exceedingly good grazing land.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township, heretofore described.

N. 0° 02' W., bet. secs. 33 and 34.

Ascend gradually along steep E. breaks of flat top of Thousand Lake Mountain, through dense spruce, scattered aspen and balsam timber, and undergrowth of scattered currant brush and mountain juniper.

Chains

12.40 A spruce, 24 ins. diam., on line, marked with two notches each on N. and S. sides.

40.00 On steep E. slope, 75 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S33 | S34

1933

from which:

A spruce, 14 ins. diam., bears S. 14° E., 18 lks. dist., marked ¼ S34 BT.

A spruce, 8 ins. diam., bears S. 21° W., 34 lks. dist., marked ¼ S33 BT.

47.00 Timber becomes scattered spruce and dense scrub aspen, bears E. and W.

50.00 On steep E. slope, 190 ft. above ¼ sec. cor., at W. edge of dense spruce timber, bears S. 15° E. and N. 15° W.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T27S S28	R4E S27
S33	S34

1933

from which:

A spruce, 18 ins. diam., bears N. 39° E., 51 lks. dist., marked T27S R4E S27 BT.

A spruce, 18 ins. diam., bears S. 69° E., 69 lks. dist., marked T27S R4E S34 BT.

A spruce, 24 ins. diam., bears S. 9° W., 244 lks. dist., marked T27S R4E S33 BT.

A spruce, 10 ins. diam., bears N. 7° W., 134 lks. dist., marked T27S R4E S28 BT.

Land, broken and mountainous, with general easterly exposure and drainage.

Soil, shallow clay and black mountain loam, mixed with rock and gravel; 4th rate. Volcanic formation.

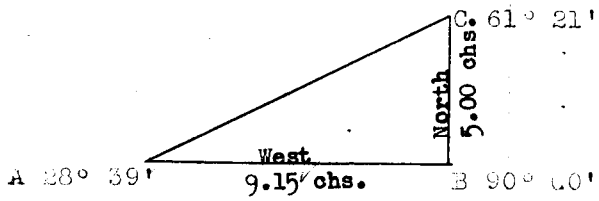
Timber, spruce, aspen, and balsam.

Undergrowth, currant brush and mountain juniper.

Poor grazing land.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	East, on random line bet. secs. 27 and 34.
33.86	West shore line of Big Lake, bears N. and S., across which it is impossible to chain, I therefore determine the distance by triangulation as follows. Erect flag A at this point, and flag B on line to the E. on E. side of lake. From flag B, survey base line, North, 5.00 chs. dist. and erect flag C. From C, AB subtends an angle of 61° 21'. From A, BC subtends an angle of 28° 39'. All angles checked by repetition and base line double chained.



Distance on random line	33.86 chs.
Distance by triangulation	9.15 chs.
	43.01 chs.
Distance by return measurement	1.61 chs.
	41.40 chs.

41.40	Set temp. witness ¼ sec. cor.
43.01	To point B of triangulation.
79.90	Intersect the N. and S. line, 7 lks. W. of cor. of secs. 26, 27, 34, and 35.
	Thence:
	N. 89° 57' W., on true line bet. secs. 27 and 34.
	Ascend gradual E. slope of rolling mountainous land, through dense aspen and scattered spruce timber, and undergrowth of scattered currant and mountain juniper.
7.70	Timber becomes dense spruce and scattered aspen and balsam, bears N. and S.
32.80	Ridge, 220 ft. above cor., bears N. and S.; descend gradual W. slope.
36.50	Leave timber, bears N. and S.
37.40	Forest Service trail, bears N. and S.
38.50	On E. shore line of Big Lake, 35 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness ¼ sec. cor., with brass cap marked

WC ¼ S27 / S34

1933

from which:

A spruce, 14 ins. diam., bears N. 69° 15' E., 140 lks. dist., marked WC ¼ S27 BT.

A spruce, 8 ins. diam., bears S. 77° 30' E., 285 lks. dist., marked WC ¼ S 34 BT.

SUBDIVISION OF T. [illegible] R. 4 E.

Chains	
	From this cor., shore line extends southerly about 8.00 chs. dist. to S. end of Big Lake, and northerly about 8.00 chs. dist. to N. end.
39.95	True point for ¼ sec. cor. falls in Big Lake where it is impracticable to set cor.
46.04	West shore line of Big Lake, bears northerly 8.00 chs. dist. to N. end, and southerly 8.00 chs. dist. to S. end; ascend dradual E. slope, through dense spruce, scattered aspen and balsam timber, and undergrowth of scattered currant brush and mountain juniper.
50.70	Ascent becomes abrupt over steep E. slope, bears N. and S.
58.10	Ascent becomes more gradual over broken E. slope, bears N. and S.
71.70	Ascent becomes abrupt over steep E. slope, bears N. and S.
79.90	The cor. of secs. 27, 28, 33, and 34, 530 ft. above Big Lake.
	Land, rolling and broken and mountainous, with general easterly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, currant brush and mountain juniper.
	Fair grazing land.
	N. 0° 02' W., bet. secs. 27 and 28.
	Ascend gradually along steep E. breaks of flat top of Thousand Lake Mountain, through medium dense spruce and scrub aspen timber, and undergrowth of medium dense mountain juniper, and scattered sun berry, currant, and deer brush.
4.50	Top of ascent on steep E. slope, 40 ft. above cor., bears E. and W.; descend gradually along steep rocky E. slope, through medium dense spruce timber, bears NW. and S. 60° E.
15.20	Begin abrupt descent over steep NE. slope, bears N. 20° W. and S. 20° E.
19.80	Leave timber and enter medium dense currant and sun berry undergrowth, bears W. and N. 30° E.
20.0	Descent becomes gradual over gentle NE. slope, bears S. 20° E. and N. 20° W.
25.00	Base of descent, 260 ft. below top of descent, bears N. 75° W. and S. 75° E.; ascend gradually along broken gentle E. slope.
36.00	Enter medium dense spruce timber, bears S. 30° E. and N. 30° W.
40.00	On gradual broken E. slope, 20 ft. above base of ascent, on rocky ground.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S28 | S27 1933
	from which:
	A spruce, 18 ins. diam., bears S. 86° 30' E., 30 lks. dist., marked ¼ S27 BT.
	A spruce, 30 ins. diam., bears N. 32° 30' W., 84 lks. dist., marked ¼ S28 BT.
52.30	Top of rise, 10 ft. above ¼ sec. cor., bears NW. and SE.; descend gradual broken E. slope.
60.00	Base of descent, 60 ft. below rise, bears E. and W.; ascend gradually along gradual broken E. slope.
80.00	On gradual broken E. slope, 55 ft. above base of ascent.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 21, 22, 27, and 28, with brass cap marked
	T27S | R4E S21 | S22 S28 | S27 1933
	from which:
	A spruce, 10 ins. diam., bears N. 45° 30' E., 35 lks. dist., marked T27S R4E S22 BT.
	A spruce, 18 ins. diam., bears S. 60° E., 33 lks. dist., marked T27S R4E S27 BT.
	A spruce, 10 ins. diam., bears S. 22° 30' W., 30 lks. dist., marked T27S R4E S28 BT.
	A spruce, 8 ins. diam., bears N. 59° W., 13 lks. dist., marked T27S R4E S21 BT.
	Land, broken and mountainous, with general easterly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce and scrub aspen.
	Undergrowth, currant, sun berry, mountain juniper, and deer brush.
	Poor grazing land.

	S. 89° 57' E., on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 2 lks. S. of cor. of secs. 22, 23, 26, and 27.

Chains.	
	Thence:
	N. 89° 58' W., on true line bet. secs. 22 and 27.
	Ascend gradual E. slope of broken mountainous land, through dense spruce and aspen, scattered balsam timber and undergrowth of scattered deerbrush and mountain juniper.
5.50	Base of abrupt ascent, bears N. and S.; ascend steep E. slope.
8.40	Top of abrupt ascent, bears NW and SE.; ascend gradual broken E. slope.
26.14	Irrigation ditch from S. 20° E., drains NE.
34.20	South edge of circular swamp, about 1.50 chs. in diam., at base of abrupt ascent, bears NE. and SW.; ascend abrupt broken E. slope.
39.98	On steep broken E. slope, 530 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S22 / S27
	1933
	from which:
	A spruce, 9 ins. diam., bears S. 60° E., 62 lks. dist., marked ¼ S27 BT.
	A spruce, 8 ins. diam., bears N. 14° W., 37 lks. dist., marked ¼ S22 BT.
45.60	Top of abrupt ascent, bears NE. and SW.; ascend gradual broken SE. slope
48.50	Spur, 120 ft. above ¼ sec. cor., projects S. 10° E., about 2.50 chs. dist. to end; descend gradual W. slope; enter dense spruce and scattered aspen timber, and undergrowth of scattered gooseberry, mountain juniper, and deer brush, bears N. and S.
50.70	North edge of circular swamp, about 3.00 chs. diam., 10 ft. below spur, drains SE.; ascend gradual broken E. slope.
52.16	A small spring of good water, bears S., 2.00 chs. dist., drains SE.
59.03	North edge of Deep Creek Lake, which is a body of fresh water, about 6.00 chs. wide E. and W., and 12.50 chs. long N. and S., 12 ft. deep, bears S. 23.21 chs. dist.
62.40	Rise, 70 ft. above swamp, bears N. and S.; descend gradual broken E. slope
63.22	Forest Service trail, bears N. and S.
66.30	Center of shallow circular lake of fresh water, 1.00 ch. diam., 15 ft. below rise; ascend abrupt broken E. slope.
67.22	North edge of a shallow lake, which is a body of fresh water, about 3.50 chs. wide E. and W., and 10.00 chs.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
	long N. and S., bears S. 14.80 chs. dist.
70.20	A small spring of good water, bears NW. 1.80 chs. dist., drains E.
77.50	Top of abrupt ascent, bears N. and S.; ascend gradual broken E. slope.
79.96	The cor. of secs. 21, 22, 27, and 28, 215 ft. above small lake.
	Land, broken and mountainous, with general easterly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, deer brush, mountain juniper, and gooseberry.
	Poor grazing land.
	N. 0° 02' W., bet. secs. 21 and 22.
	Ascend gradually along E. slope of broken mountainous land, through medium dense spruce and scattered aspen timber, and undergrowth of scattered mountain juniper, gooseberry, and deer brush.
9.80	Leave timber and enter volcanic slide rock, bears N. 30° E. and S. 30° W.
20.00	Leave slide rock and enter dense scrub aspen and scattered spruce timber, at base of abrupt ascent, bears NE. and S. 30° W.; ascend abrupt broken SE. slope.
30.60	Rim of flat top of Thousand Lake Mountain, 320 ft. above cor.; enter dense spruce timber, bears N. 35° E. and S. 35° W.; descend gradual N. slope of rolling mountain top. Rim of mountain bears with timber.
40.00	On gradual N. slope, 15 ft. below rim, at N. edge of timber, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼

S21 | S22

1933

from which:

A spruce, 10 ins. diam., bears N. 86° 30' E., 39 lks. dist., marked ¼ S22 BT.

A spruce, 12 ins. diam., bears S. 8° W., 160 lks. dist., marked ¼ S21 BT.

45.30	Enter dense spruce timber, bears SE., and W. 2.00 chs. dist., thence S.
57.00	North rim of mountain and top of volcanic ledge 35 ft. high, bears SE. and NW.; descend abrupt broken NE. slope.

Chains.

60.30 Base of abrupt descent and enter dense spruce timber, and undergrowth of scattered sunberry and mountain juniper, bears S. 70° E. and N. 70° W.; descend gradual NE. slope.

80.00 At top of abrupt descent, 355 ft. below rim, bears NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T27S	R4E
S16	S15
S21	S22

1933

from which:

A spruce, 6 ins. diam., bears N. 64° E., 63 lks. dist., marked T27S R4E S15 BT.

A spruce, 20 ins. diam., bears S. 8° E., 82 lks. dist., marked T27S R4E S22 BT.

A spruce, 15 ins. diam., bears S. 16° 30' W., 65 lks. dist., marked T27S R4E S21 BT.

A spruce, 15 ins. diam., bears N. 48° 45' W., 29 lks. dist., marked T27S R4E S16 BT.

Land, broken and mountainous on SE. breaks of flat top, with general south-easterly exposure and drainage; portion on flat top, rolling mountain top, with general northerly exposure; north portion is broken and mountainous, with general north-easterly exposure and drainage.

Soil, on SE. and NE. breaks of flat top, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate; on flat, black mountain loam, mixed with rock, 3rd rate. Volcanic formation.

Timber, spruce and scrub aspen.

Undergrowth, mountain juniper, gooseberry, and deer brush

Good grazing land on flat top; poor grazing land on SE. and NE. breaks.

S. 49° 58' E., on random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

40.02 Intersect the N. and S. line, 5 lks. S. of cor. of secs. 14, 15, 22, and 23.

Thence:

West, on true line, bet. secs. 15 and 22.

Ascend gradual NE. slope of rolling mountainous land, through dense aspen, scattered spruce and balsam timber, and undergrowth of scattered deer brush and mountain juniper.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
5.90	Ditch, 3 ft. wide, 12 ins. deep, from S. 30° E., drains N. 30° W.
6.10	Forest Service trail, bears N. 30° W., and S. 30° E., about 3.50 chs. dist. to junction with trail from S. 30° W.
22.60	Base of abrupt ascent, bears N. and S.; ascend abrupt E. slope.
26.10	Spur, 120 ft. above cor., projects NE.; descend gradual W. slope.
29.80	Draw, 40 ft. below spur, drains N. 25° E.; ascend abrupt E. slope.
32.70	Top of abrupt ascent, bears N. 10° E. and S. 10° W.; ascend gradual NE. slope.
40.01	On gradual NE. slope, 115 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\ \frac{S15}{S22}$
	1933
	from which:
	A spruce, 7 ins. diam., bears S. 54° 30' E., 20 ins. dist., marked ¼ S22 BT.
	A balsam, 5 ins. diam., bears N. 80° 30' W., 25 ins. dist., marked ¼ S15 BT.
46.00	Base of abrupt ascent, bears NW. and SE.; ascend abrupt NE. slope.
56.70	Top of abrupt ascent, bears NW. and SE.; ascend gradual NE. slope.
59.70	Base of abrupt ascent and enter dense spruce and aspen, scattered balsam timber, and undergrowth of scattered gooseberry and mountain juniper, bears N. and S.; ascend abrupt broken NE. slope.
69.10	Top of abrupt ascent and enter dense spruce and scattered balsam timber, bears NW. and SE.; ascend gradually over steep broken N. slope.
80.02	The cor. of secs. 15, 16, 21, and 22, 565 ft. above ¼ sec. cor.
	Land, rolling, broken, and mountainous, with general north-easterly exposure and drainage.
	Soil, black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, deer brush, mountain juniper, and gooseberry
	Fair grazing land.

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SUBDIVISION OF, T. 15 N., R. 4 E.

Chains.	
	N. 0° 02' W., bet. secs. 15 and 16.
	Descend abrupt broken NE. slope, of broken mountainous land, through medium dense spruce and scattered balsam timber, and undergrowth of scattered mountain juniper and gooseberry.
9.00	Enter dense aspen, medium dense spruce, and scattered balsam timber, bears E. and W.
10.50	Draw, 190 ft. below cor., drains N. 60° E.; ascend gradual SE. slope.
12.50	Spur, 25 ft. above draw, projects N. 70° E.; descend gradually along steep broken E. slope.
25.60	Draw, 55 ft. below spur, drains E.; ascend gradually over steep SE. slope.
27.80	Spur, 15 ft. above draw, projects E.; descend gradually along steep broken E. slpoe.
40.00	On steep E. slope, 90 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S16 | S15 1933
	from which
	A balsam, 6 ins. diam., bears N. 43° 30' E., 23 lks. dist., marked ¼ S15 BT.
	A balsam, 6 ins. diam., bears S. 50° W., 46 lks. dist., marked ¼ S16 BT.
46.40	Base of descent, 30 ft. below ¼ sec. cor., bears NE. and SW.; ascend gradually over steep SE. slope.
52.90	Top of ascent, 30 ft. above base of descent, bears N. 70° E. and S. 70° W.; descend gradually over steep E. slope.
62.50	Main divide of Thousand Lake Mountain, 70 ft. below top of descent, bears N. 25° E. and S. 25° W.; descend abrupt NW. slope.
65.40	Base of abrupt descent, bears E. and W.; descend gradual broken NW. slope.
67.25	Forest Service telephone line, bears N. 70° W. and S. 70° E.
67.41	Forest Service trail, bears N. 70° W. and S. 70° E.
77.00	Top of abrupt descent, and enter dense spruce and scattered balsam timber, bears E. and W.; descend abrupt N. slope.
80.00	On steep N. slope, 265 ft. below divide.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	T27S R4E S9 S10 S16 S15 1933
	from which:
	A spruce, 14 ins. diam., bears N. 55° E., 29 lks. dist., marked T27S R4E S10 BT..
	A spruce, 12 ins. diam., bears S. 15° E., 36 lks. dist., marked T27S R4E S15 BT..
	A spruce, 14 ins. diam., bears S. 27° W., 12 lks. dist., marked T27S R4E S16 BT..
	A spruce, 12 ins. diam., bears N. 3° W., 22 lks. dist., marked T27S R4E S9 BT..
	Land, broken and mountainous, with general easterly and north-westerly exposure and drainage.
	Soil, shallow black loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, mountain juniper, deer brush, and gooseberry.
	Poor grazing land.
	East, on random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.12	Intersect the N. and S. line, at cor. of secs. 10, 11, 14, and 15.
	Thence:
	West, on true line bet. secs. 10 and 15.
	Ascend gradual NE. slope of rolling mountainous land, through dense aspen and scattered red pine timber, and undergrowth of scattered deer brush and mountain juniper.
12.30	Ridge, 150 ft. above cor., bears NW. and SE.; ascend gradual rolling E. slope, through dense aspen and medium dense spruce and balsam timber, bears with ridge.
25.80	Forest Service road, bears N. 30° E. to Fremont, Utah, and S.30°W. to Elk Horn Ranger Station.
27.37	Forest Service telephone line, bears N. 32° E. and S. 32° W.
36.00	Leave timber and enter opening, bears N. and S.
40.06	On gradual E. slope, 160 ft. above ridge, in E. edge of timber, bears N. and S., at E. edge of a large volcanic boulder 10x8x2 ft. above ground.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	i.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains

$\frac{1}{4}$ $\frac{S10}{S15}$

1933

from which:

An aspen, 7 ins. diam., bears S. 29° 45' E., 13 lks. dist., marked ¼ S15 BT.

An aspen, 15 ins. diam., bears N. 31° 45' W., 35 lks. dist., marked ¼ S10 BT.

From this cor., the SE. cor. of the Elk Horn Ranger Station, bears S. 22 43' W., 24.51 chs, dist. Station is a two room frame house, about 20 ft. long, and 12 ft. wide.

From the SE. cor. of the station, a frame garage, bears S. 25° E., 50 lks. dist., and a frame tool house, bears S. 18° E., 1.00 chs. dist.

From ¼ cor, the gate to the main entrance to the pasture at Elk Horn Ranger Station, bears S. 29° 08' E. 18.20 chs. dist., and a small spring of good water near gate, bears S. 29° 49' E., 26.07 chs. dist.

From the gate to pasture, I run a traverse line along the fence that incloses the pasture, as follows.
This traverse is for topography only.
S. 35° 22' E., [illegible] chs. dist., thence:
S. 26° W., 8.09 chs. dist., thence:
N. 77° W., 1.40 chs. dist., thence:
N. 67° W., 2.69 chs. dist., thence:
N. 61° 30' W., 4.95 chs. dist., thence:
N. 13° 45' W., 2.44 chs. dist., thence:
N. 82° W., 3.52 chs. dist., thence:
N. 23° 45' W., 3.80 chs. dist., thence:
West, 2.61 chs. dist., thence:
N. 41° 30' W., 1.49 chs. dist., thence:
N. 20° 45' W., 12.16 chs. dist., thence:
N. 73° E., 4.14 chs. dist., thence:
North, 19 lks. dist., thence:
N. 77° 15' E., 9.32 chs. dist., thence:
S. 34° 45' E., 15.79 chs. dist., to place of beginning

From the ¼ sec. cor., continue gradual ascent over rolling E. slope, through medium dense aspen and scattered spruce timber, bears N. and S.

56.40 N. edge of grassy opening, bears SE. and S. 30° W.

57.76 Forest Service trail, bears N. 10° W., and S. 10° E., 1.5 chs. dist. to forks, thence S. 25° E.

58.96 Forest Service trail to Lyman, Utah; bears N. 70° W. and S. 70° E. to forks.

61.10 Enter dense aspen, medium dense spruce, and scattered balsam timber, bears NW. and SE.

69.45 Same Forest Service trail as last; bears S. 25° W.; and N. 25° E., about 3.00 chs. dist., thence N. 80° E.

71.30 Main top of Thousand Lake Mountain, 185 ft. above ¼ cor., bears N. 20° E. and S. 20° W.; descend gradually over steep broken NW, slope, through dense spruce and scattered balsam timber, and undergrowth of scattered mountain juniper and gooseberry, bears with divide.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
80.12	The cor. of secs. 9, 10, 15, and 16, 90 ft. below divide.
	Land, rolling, broken and mountainous, with general easterly exposure and drainage; north-westerly exposure and drainage on extreme W. portion.
	Soil, black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, spruce, red pine, and balsam.
	Undergrowth, deer brush, mountain juniper, and gooseberry.
	Extremely good grazing land.
	N. 0° 02' W., bet. secs. 9 and 10.
	Descend abrupt NW. slope of broken mountainous land, through dense spruce and scattered balsam and aspen timber, and undergrowth of scattered mountain juniper and gooseberry.
10.70	Draw, 195 ft. below cor., drains N. 75° W.; ascend gradual S. slope.
13.30	Spur, 10 ft. above draw, projects N. 75° W.; descend gradual NW. slope.
16.50	Draw, heads E. about 10.00 chs. dist., 10 ft. below spur, drains W.; ascend gradual SW. slope, through dense aspen, scattered spruce and balsam, and undergrowth of medium dense deer brush, bears E. and W.
19.65	Forest Service trail, bears N. 75° E. and S. 75° W.
20.90	Ascent becomes abrupt over steep broken SW. slope, bears E. and W.
32.70	Main divide of Thousand Lake Mountain, 325 ft. above draw, bears SE. and N. 10° W.; ascend abrupt S. slope.
35.70	Top of abrupt ascent, bears SE. and NW.; ascend gradually along steep E. slope.
37.00	Recross same divide, 60 ft. above last crossing, bears S. 10° W. and N. 25° E.; descend gradual broken NW. slope, through medium dense aspen, spruce, and balsam, bears with divide.
40.00	On gradual broken NW. slope, 30 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S9 | S10

1933

from which:

A spruce, 6 ins. diam, bears S. 62° E., 27 lks. dist., marked ¼ S10 BT.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	A spruce, 6 ins. diam., bears S. 43° 30' W., 22 lks. dist., marked ¼ S9 BT.
41.70	Base of descent, 10 ft. below ¼ sec. cor., bears E. and W.; ascend gradual SW. slope.
47.20	Top of ascent, 50 ft. above base of ascent, bears E. and W.; descend abrupt N. slope, through dense aspen, spruce and balsam timber, bears E. and W.
52.20	Head of draw, 65 ft. below top of ascent, drains W.; ascend gradual SW. slope.
54.30	Recross main divide of Thousand Lake Mountain, level with head of draw, bears S. 30° E. and N. 30° W.; descend gradually over steep broken NE. slope.
80.00	On steep broken NE. slope, 110 ft. below divide.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T27S	R4E
S4	S3
S9	S10

1933

from which:

A balsam, 8 ins. diam., bears N. 67° 30' E., 42 lks. dist., marked T27S R4E S3 BT.

A spruce, 6 ins. diam., bears S. 27° 30' E., 43 lks. dist., marked T27S R4E S10 BT.

A balsam, 6 ins. diam., bears S. 62° 45' W., 31 lks. dist., marked T27S R4E S9 BT.

A spruce, 8 ins. diam., bears N. 35° 15' W., 20 lks. dist., marked T27S R4E S4 BT.

Land, broken and mountainous, with general easterly and westerly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce, aspen, and balsam.

Undergrowth, deer brush, mountain juniper, and gooseberry.

Fair grazing land.

East, on random line bet. secs. 3 and 10

40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line, 12 lks. N. of cor. of secs. 2, 3, 10, and 11.

Thence:

N. 89° 55' W., on true line bet. secs. 3 and 10.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	Ascend gradual E. slope of broken mountainous land, through undergrowth of dense sagebrush.
3.40	Enter dense aspen, scattered spruce, balsam, and red pine timber, bears SW. and N. 70° E.
11.70	Broken spur, 130 ft. above cor., projects N. 70° E.; ascend gradual NE. slope.
22.10	Enter dense spruce, balsam, and aspen timber, and scattered undergrowth of deer brush and mountain juniper, bears SE. and NW.
39.60	Stream of good water, 1 lk. wide, 1 in. deep, drains NE., about 5.00 chs. dist., to Lake Creek, thence E.
40.05	On gradual NE. slope, 200 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S3 / S10
	1933
	from which:
	A spruce, 10 ins. diam., bears S. 6° E., 20 lks. dist., marked ¼ S10 BT.
	A spruce, 11 ins. diam., bears N. 6° W., 13 lks. dist., marked ¼ S3 BT.
44.65	Intersect sawmill, which is abandoned. From this point a one room log cabin, bears N. 28° W., 6.20 chs. dist.
49.60	Forest Service road, bears S. 20° E. to Elk Horn Ranger Station, and N. 20° W. to Fremont, Utah.
51.75	Lake Creek, which is a stream of good water, 1 lk. wide, 1 in. deep, drains N. 60° W.; ascend gradually over general NE. slope on N. side of stream.
52.80	Recross same stream, drains S. 60° E.; ascend abrupt broken NE. slope.
67.55	Junction of two small spring branches, from N. 60° W. and S. 60° W., forming Lake Creek, which is a stream of good water, 1 lk. wide, 1 in. deep, in draw, 340 ft. above ¼ sec. cor., drains N. 60° E.; ascend abrupt broken NE. slope.
80.10	The cor. of secs. 3, 4, 9, and 10, 280 ft. above head of Lake Creek.
	Land, broken and mountainous, with general easterly exposure and drainage.
	Soil, shallow and deep black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, spruce, balsam, aspen, and red pine.
	Undergrowth, mountain juniper, deer, and sage brush.
	Fair grazing land.

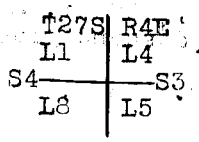
U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
	N. 0° 02' W., on true line bet. secs. 3 and 4.
	Descend gradually over steep broken NE. slope of broken mountainous land, through dense spruce, balsam, and aspen, scattered red pine timber, and undergrowth of scattered deer brush, mountain juniper, and gooseberry.
1.00	Base of descent, 10 ft. below cor., bears E. and W.; ascend gradually over steep SE. slope.
8.00	Top of ascent on steep E. slope, 100 ft. above base of ascent, bears E. and W.; descend abrupt NE. slope.
11.75	Steep draw, 80 ft. below top of descent, drains E.; ascend abrupt SE. slope.
18.30	Ridge, 85 ft. above draw, bears E. and W.; descend abrupt NE. slope.
23.70	Base of abrupt descent, bears N. 30° W. and S. 30° E.; descend gradual NE. slope.
39.90	Draw, 250 ft. below ridge, drains N. 75° E.; ascend gradual SE. slope.
40.00	On gradual SE. slope, near bottom of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S4 | S3 1933
	from which:
	A balsam, 8 ins. diam., bears N. 49° E., 22 lks. dist., marked ¼ S3 BT.
	A spruce, 15 ins. diam., bears N. 16° 30' W., 28 lks. dist., marked ¼ S4 BT.
46.30	Timber becomes scattered aspen, balsam, and spruce, and undergrowth of medium dense deer brush and scattered sagebrush, bears E. and W.
52.00	Spur, 110 ft. above ¼ sec. cor., projects SE., about 12.00 chs. dist. to end; descend abrupt NE. slope, through dense red pine, balsam, and spruce, and scattered aspen timber, bears SE. and NW.
55.70	Base of abrupt descent, bears SE. and NW.; descend gradual broken NE. slope.
66.50	Bottom of SE. end of basin, about 3.00 chs. long NW. and SE., and 1.50 chs. wide, 215 ft. below spur; ascend gradual SW. slope.
69.10	North rim of basin, 20 ft. above bottom of basin, bears N. 70° W. and S. 15° E, and top of spur, projects N.30° E; descend gradual broken N. slope, through dense aspen, scattered red pine and spruce timber, bears NW. and SE.
80.00	On gradual N. slope, 110 ft. below rim of basin,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, sec. 3, and lots 1 and 8, sec. 4, with brass cap marked

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.



1933

from which:

A spruce, 15 ins. diam., bears N 3° 30' E., 54 lks. dist., marked L4 S3 BT.

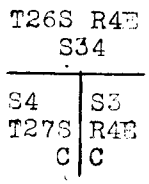
A balsam, 6 ins. diam., bears N. 81° 15' W., 52 lks. dist., marked L1 S4 BT.

80.50 Enter dense aspen, spruce, and balsam timber, bears NE. and SW.

86.57 On gradual N. slope, 60 ft. below lot cor.

Intersect the N. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the closing cor. of secs. 3 and 4, T.27 S., R. 4 E., with brass cap marked



1933

from which:

A spruce, 10 ins. diam., bears S. 78° 30' E., 22 lks. dist., marked T27S R4E S3 CC BT.

A spruce, 8 ins. diam., bears S. 58° 30' W., 37 lks. dist., marked T27S R4E S4 CC BT.

From this cor. the cor. of secs. 33 and 34, T. 26 S., R. 4 E., heretofore described, bears West, 13.85 chs. dist.

Land, broken and mountainous, with general easterly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce, balsam, aspen, and red pine.

Undergrowth, deer brush, mountain juniper, and gooseberry.

Fair grazing land.

From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township, heretofore described.

N. 0° 03' W., bet. secs. 32 and 33.

Ascend gradual SW. slope of rolling mountainous land, on top of Thousand Lake Mountain, through scattered spruce timber and undergrowth of scattered sunberry.

Chains.	
35.00	Top of rise, 100 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradually over gentle W. slope.
40.00	On gentle W. slope, level with rise.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S32 | S33
1933

from which:

A spruce, 15 ins. diam., bears N. 3° 45' W., 510 lks. dist., marked ¼ S32 BT.

No other bearing tree available

59.20	Enter medium dense spruce timber, bears N. 60° E. and S. 60° W.
68.30	Leave medium dense timber and enter scattered spruce timber, bears NE. and SW.
76.00	Bottom of swale, 35 ft. below ¼ sec. cor., drains W.; ascend gradual S. slope.
80.00	On gradual S. slope, 10 ft. above swale.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 28, 29, 32, and 33, with brass cap marked

T27S | R4E
S29 | S28
S32 | S33
1933

from which:

A spruce, 16 ins. diam., bears N. 23° E., 109 lks. dist., marked T27S R4E S28 BT.

A spruce, 9 ins. diam., bears N. 7° 45' W., 170 lks. dist., marked T27S R4E S29 BT.

No other bearing trees available.

Land, rolling and mountainous, with general westerly exposure and drainage.

Soil, shallow clay and black mountain loam, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce.

Undergrowth, sunberry, weeds, and grass.

Good grazing land.

	East, on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
80.08	Intersect N. and S. line, 2 lks. N. of cor. of secs. 27, 28, 33, and 34.
	Thence:
	N. 89° 59' W., on true line bet. secs. 28 and 33.
	Ascend abrupt E. slope of broken mountainous land, through medium dense spruce and scrub aspen timber, and undergrowth of scattered sunberry and mountain juniper
1.00	Rim of flat top of Thousand Lake Mountain, 70 ft. above cor., bears N. and S.; ascend gradual NE. slope of rolling mountainous land, through medium dense spruce timber, and undergrowth of scattered sunberry.
17.10	Rise, 10 ft. above rim, bears NE. and SW.; descend gradually along gentle N. slope.
23.10	Leave medium dense timber and enter scattered spruce, bears N. and S.
40.04	On gradual N. slope, 15 ft. below rise.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S28 / S33
	1933
	Deposit a volcanic stone, 15 x 12 x 6 ins., at base of post, marked with a cross (X).
	No bearing trees available.
60.18	Forest Service trail, bears N. 30° E. and S. 30° W.
66.60	Small rise, 15 ft. high, bears S. 30° E. and N. 30° W.; descend gradual SW. slope.
80.08	The cor. of secs. 28, 29, 32, and 33, 25 ft. below ¼ sec. cor.
	Land, rolling and mountainous, with general northerly and westerly exposure and drainage.
	Soil, shallow clay and black mountain loam, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce and scrub aspen.
	Undergrowth, sunberry and mountain juniper.
	Good grazing land.
	N. 0° 03' W., bet. secs. 28 and 29.
	Ascend gradual S. slope of rolling mountainous land, on top of Thousand Lake Mountain, through scattered sunberry undergrowth and grass.
1.00	Enter medium dense spruce timber, bears E. and W.

SUBDIVISION OF, T. 27S., R. 4 E.

Chains.	
6.65	A spruce, 20 ins. diam., on line, marked with two notes each on N. and S. sides.
16.00	Rise 20 ft. above cor., bears NW. and SE.; descend gradual N. slope.
22.40	Bottom of swale, 10 ft. below rise, drains S. 75° E., about 12.00 chs. dist., thence SE.; ascend gradual S. slope.
40.00	On rolling top of rise, 25 ft. above swale, bears N. 60° E. and S. 60° W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S29 | S28 1933
	from which:
	A spruce, 16 ins. diam., bears S. 88° 30' E., 44 lks. dist., marked ¼ S28 BT.
	A spruce, 8 ins. diam., bears N. 29° 30' W., 67 lks. dist., marked ¼ S29 BT.
	Descend gradual N. slope.
60.00	Draw, 45 ft. below ¼ sec. cor., drains N. 60° E.; ascend gradual S. slope.
75.95	Rim of mountain, 40 ft. above draw, bears E., and W., about 5.00 chs. dist. to sharp ridge, bears NW. from point of mountain; descend abrupt broken N. slope of N. breaks of mountain, over broken volcanic ledges and slide rock.
76.11	Center of Neff's Reservoir, which is a deep body of good water, about 8.50 chs. long E. and W., and 6.00 chs. wide N. and S.; bears N. 30° 45' W., 52.00 chs. dist.
80.00	On steep N. slope, 240 ft. below rim, at base of broken volcanic ledge, 150 ft. high, bears N. 80° E. and S. 80° W.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap marked
	T27S | R4E S20 | S21 S29 | S28 1933
	from which:
	A spruce, 24 ins. diam., bears N. 16° E., 301 lks. dist., marked T27S R4E S21 BT.
	No other bearing trees available.
	Land, rolling and mountainous, with general southerly and north-easterly exposure and drainage.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

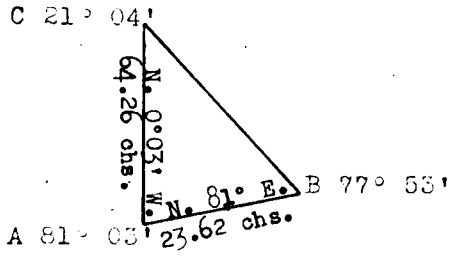
Timber, spruce.

Undergrowth, sunberry, weeds, and grass.

Good grazing land.

S. 89° 59' E., on random line bet. secs. 21 and 28.

The line to the E. of the cor. of secs. 20, 21, 28, and 29, passes over the inaccessible W. breaks of top of Thousand Lake Mountain, over which it is impossible to chain or project my line, I therefore commence at a point 1.96 chs. S. 0° 03' E. of the cor. of said secs., and determine the distance by triangulation on traverse line as follows. Erect flag A at this point, and flag B at a point N. 81° E. from A. From A, survey base AC, N. 0°03'W., 64.26 chs. dist. and erect flag C. From flag C, AB subtends an angle of 21° 04'. From B, AC subtends an angle of 77° 53'. Vertical angle from A to B is plus 7° 14'. All angles cheched by repetition and base line double chained.



Distance by triangulation, N. 81° E., 23.62 chs., which is East, 23.33 chs. and North, 3.69 chs. Offset South, 1.74 chs. dist. to:

23.33 Point on true random line; thence S. 89° 59' E., on true random line.

40.00 Set temp. ¼ sec. cor.

79.98 Intersect N. and S. line, at cor. of secs. 21, 22, 27, and 28.

Thence:

N. 89° 59' W., on true line bet. secs. 21 and 28.

Ascend grad. broken E. slope, of broken mountainous land, through medium dense spruce timber, and undergrowth of medium dense mountain juniper and deer brush.

0.80 Leave timber and enter volcanic slide rock, bears N. and S.

4.80 Leave slide rock at base of abrupt ascent, bears N. and S.; ascend abrupt E. breaks of Thousand Lake Mountain, through medium dense scrub aspen and scattered spruce timber, and undergrowth of medium dense mountain juniper and deer brush.

9.50 East rim of top of Thousand Lake Mountain, 270 ft. above sec. cor., bears N. and S.; ascend gradual SE. slope of rolling mountainous land on top of Thousand Lake Mountain through medium dense spruce timber, and undergrowth of scattered sunberry and mountain juniper.

U. S. GOVERNMENT PRINTING OFFICE: 1921 6—8155

SUBDIVISION OF T. 27 S., R. 9 W.

Chains	
26.00	Rise, 40 ft. above rim, bears N. 30° E., and S. 30° W.; descend gradual W. slope.
33.50	Leave timber and enter grassy opening, bears N. and S.
36.20	Draw, 30 ft. below rise, drains S.; ascend gradual E. slope.
39.99	On gradual E. slope, 20 ft. above draw, in east edge of timber, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S21/S28 1933 from which: A spruce, 6 ins. diam., bears S. 30° W., 106 lks. dist., marked ¼ S28 BT. A spruce, 8 ins. diam., bears N. 23°.15' W., 126 lks. dist., marked ¼ S21 BT. Thence through medium dense spruce timber, bears N. and S
44.30	Rise, 10 ft. above ¼ sec. cor., bears SW. and N. 30° E.; descend gradual SW. slope.
52.50	Small seep and water trough, bears South, 12.50 chs. dist
56.84	Rim of top of Thousand Lake Mountain, bears N. 60° W. and S.60°E. Line West of this point passes over inaccessible N. breaks of Thousand Lake Mountain.
69.50	Approximate dist. to bottom of gulch, about 250 ft. below rim, drains NW.; ascend gradual along N. breaks of Thousand Lake Mountain.
70.00	Approximate dist. to Forest Service trail, bears NW., and SE. to top of Thousand Lake Mountain.
79.98	The cor. of secs. 20, 21, 28, and 29, 200 ft. below top of mountain.

Land, broken and rolling mountainous; east portion with easterly exposure and drainage; portion on top of mountain, southerly exposure and drainage; west portion, northwesterly exposure and drainage.

Soil, shallow black loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce and scrub aspen.

Undergrowth, sunberry, mountain juniper, and deer brush.

Grazing, good on top of mountain; poor on E. and W. breaks.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	N. 0° 03' W., bet. secs. 20 and 21.
	Descend abrupt N. slope of broken mountainous land, through scattered spruce timber.
3.50	Base of abrupt descent, bears N. 70° E. and S. 70° W.; descend gradual broken NW. slope.
5.00	Small draw, drains NW.; continue descent.
7.00	Enter dense spruce and scattered balsam timber, and undergrowth of scattered sunberry and mountain juniper, bears E. and W.
19.40	Descent becomes abrupt, bears N. 60° E. and S. 60° W.
24.55	Forest Service trail, bears SE. and N. 60° W.
25.30	Broken bottom of elongated basin, 385 ft. below sec. cor., bears NE. and SW.; ascend gradual broken SW. slope of NW. rim of basin.
30.80	Broken top of rim of basin, 20 ft. above bottom, bears SW. and N. 60° E.; descend gradual broken NW. slope.
37.50	Descent becomes abrupt over steep broken NW. slope, bears NE. and SW.
40.00	On steep broken NW. slope, 85 ft. below rim of basin.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S20 | S21 1933
	from which:
	A spruce, 8 ins. diam., bears S. 70° E., 29 lks. dist., marked ¼ S21 BT.
	A spruce, 16 ins. diam., bears S. 36° 30' W., 18 lks. dist., marked ¼ S20 BT.
44.00	A small spring of good water, bears W. 60 lks. dist., in bottom of draw, 75 ft. below ¼ sec. cor., drains N. 70° W.; descend gradually over broken NW. slope, across small rocky basins and volcanic outcroppings.
53.60	Base of descent, 40 ft. below draw, bears NE. and SW.; NE. end of a shallow lake 4.50 chs. long, NE. and SW. and 1.00 chs. wide NW. and SE., bears SW., 1.50 chs. dist.; ascend gradual S. slope, through dense aspen and spruce timber, bears NE. and SW.
55.20	Rise, 15 ft. above base of ascent, bears N. 60° W. and S. 60° E.; descend gradual NW. slope.
57.80	East, edge of circular artificial pond, 1.00 chs. diam., with ditch, 4 lks. wide, 12 ins. deep, draining S.30° W. from pond, in draw, 40 ft. below rise, drains SW.; ascend gradual broken S. slope.
62.30	Point C of triangulation as shown on line bet. secs. 21 and 28.
64.90	Broken rise, 65 ft. above draw, bears E. and W.; descend gradual broken N. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
73.20	Center of shallow circular lake, about 2.50 chs. diam., 15 ft. below rise, ascend gradual broken SW. slope.
80.00	On broken W. slope, 10 ft. above lake.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with brass cap marked:

T27S S17	R4E S16
S20	S21

1933

from which:

A spruce, 18 ins. diam., bears N. 62° E., 110 lks. dist., marked T27S R4E S16 BT.

A spruce, 15 ins. diam., bears S. 24° E., 101 lks. dist., marked T27S R4E S21 BT.

A spruce, 9 ins. diam., bears S. 74° 45' W., 119 lks. dist., marked T27S R4E S20 BT.

A spruce, 12 ins. diam., bears N. 69° 30' W., 94 lks. dist., marked T27S R4E S17 BT.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce, aspen, and balsam.

Undergrowth, sunberry, mountain juniper, and deer brush.

Poor grazing land.

S. 89° 59' E., on random line bet. secs. 16 and 21.

40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, at cor. of secs. 15, 16, 21, and 22.
	Thence:
	N. 89° 59' W., on true line bet. secs. 16 and 21.
	Ascend gradual E. slope of broken mountainous land, through dense spruce timber, and undergrowth of scattered sunberry and mountain juniper.
19.40	Ascent becomes abrupt over steep broken E. slope, through scattered spruce timber, bears SE. and NW.
24.00	Top of broken volcanic ledge, 100 ft. high, facing W., bears S., and N., about 2.00 chs. dist. to end, and top of sharp main ridge of Thousand Lake Mountain, 215 ft. above cor., bears N. and S.; descend abrupt broken W. slope over volcanic ledges and slide rock.
28.80	Base of descent, 210 ft. below divide, bears N. and S.; ascend gradual E. slope over volcanic slide rock.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
33.40	Top of slide rock rise, 40 ft. above base of ascent, bears N. and S.; descend gradual broken W. slope
39.70	Base of descent, 40 ft. below rise, bears N. 30° W. and S. 30° E.; ascend abrupt E. slope.
39.97	On steep E. slope, 10 ft. above base of ascent, in slide rock bed.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in slide rock, for ¼ sec. cor., with brass cap marked $\frac{1}{4}\ \frac{S16}{S21}$ 1933 from which:
	A spruce, 12 ins. diam., bears N. 57° E., 38 lks. dist., marked ¼ S16 BT.
	A spruce, 20 ins. diam., bears S. 27° 30' E., 19 lks. dist., marked ¼ S21 BT.
41.40	Slide rock rise, 45 ft. above ¼ sec. cor., bears N. and S.; descend gradual broken W. slope.
44.40	Leave slide rock and enter dense spruce scattered balsam and aspen timber, and undergrowth of scattered sunberry and mountain juniper, bears N. and S.
48.00	Bottom of center of small basin, 40 lks. wide NE. and SW. and about 2.50 chs. long NW. and SE., 20 ft. deep.
56.60	Descent becomes abrupt over broken W. slope, bears S. 30° E. and N. 30° W.
62.20	Descent becomes more abrupt over steep W. slope, bears S. 20° E. and N. 20° E.
79.94	The cor. of secs. 16, 17, 20, and 21, 410 ft. below rise.
	Land, broken and mountainous, with general easterly exposure and drainage on E. 24.70 chs., and general westerly exposure and drainage on W. 55.24 chs.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce, balsam, and aspen.
	Undergrowth, sunberry and mountain juniper.
	Poor grazing land.

N. 0° 03' W., bet. secs. 16 and 17.

Ascend gradual S. slope, of broken mountainous land, through dense aspen, medium dense spruce and balsam timber, and undergrowth of scattered deer brush, sunberry, and mountain juniper.

0.57 Forest Service trail and old log road, bears N. 20° E. and S. 20° W.

SUBDIVISION OF SECTIONS, T. 4 N.

Chains	
4.70	Bend in same trail, bears S. 20° [illegible]
4.90	Broken rise, 10 ft. above cor., bears E. and W.; descend gradual broken N. slope.
11.50	Leave timber, bears NE. and N. 30° W.
14.04	Forest Service telephone line, bears N. 60° E. and S. 60° W.; center of bottom of circular basin, about 6.50 chs. diam., 40 ft. below rise; ascend gradual broken S. slope.
20.00	Enter dense aspen and spruce timber, bears S. 30° W. and N. 60° E.
21.50	Top of SW. end of an elongated knoll, bears NE., and also top of ridge, 75 ft. above bottom of basin, bears NE. and SW.; descend gradual N. slope.
24.40	Ridge, 15 ft. below top of knoll, bears N. 75° W. and S. 75° E.; descend gradual broken NW. slope, through dense spruce, scattered aspen and balsam, bears E. and W.
27.50	Descent becomes abrupt over steep broken NW. slope, bears NE. and SW.
27.00	Small step in bottom of draw, 210 ft. below ridge, trains W.; ascend abrupt S. slope.
37.40	Spur, 15 ft. above draw, projects W.; descend gradual broken NW. slope.
40.00	On gradual broken NW. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S17 | S16 1953
	from which:
	A spruce, 15 ins. diam., bears N. 77° 15' E., 17 lks. dist., marked ¼ S16 BT.
	A spruce, 12 ins. diam., bears S. 11° 30' W., 9 lks. dist., marked ¼ S17 BT.
42.70	Spur, 15 ft. below ¼ sec. cor., projects N. 75° W.; descend abrupt N. slope.
44.50	Descent becomes gradual over broken NW. slope, bears N. 70° W. and S. 70° E.
52.15	Old drag road, bears E. and W.
57.00	Center of dry circular lake bottom, about 1.50 chs. diam., bears W. 2.30 chs. dist.
72.65	Old log road, bears W. and S. 60° E.
80.00	On gradual broken NW. slope, 300 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap marked
	over [illegible] slide rock.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	T27S R4E S8 S9 S17 S16 1933
	from which:
	A spruce, 8 ins. diam., bears N. 33° 30' E., 37 lks. dist., marked T27S R4E S9 BT.
	A spruce, 6 ins. diam., bears S. 64° E., 22 lks. dist., marked T27S R4E S16 BT.
	A spruce, 6 ins. diam., bears S. 25° W., 12 lks. dist., marked T27S R4E S17 BT.
	A spruce, 14 ins. diam., bears N. 43° W., 34 lks. dist., marked T27S R4E S8 BT.
	Land, broken and mountainous, with general westerly and north-westerly exposure and drainage.
	Soil, shallow clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, sunberry, mountain juniper, and deer brush.
	Grazing, fair on S. 24.40 chs.; poor on remainder of mile.
	S. 89° 59' E., on random line bet. secs. 9 and 16.
40.00	Set temp ¼ sec. cor.
79.84	Intersect N. and S. line, 12 lks. S. of cor. of secs. 9, 10, 15, and 16.
	Thence:
	West, on true line bet. secs. 9 and 16.
	Ascend gradually over steep NE. slope of broken mountainous land, through dense spruce, scattered aspen and balsam timber, and undergrowth of scattered mountain juniper and deer brush.
3.00	Top of ascent on steep N. slope, 30 ft. above cor., bears N. and S.; descend gradually along steep NW. slope.
9.40	Draw, 65 ft. below top of descent, drains N. 30° W.; ascend gradually along steep N. slope.
15.10	Ascent becomes abrupt over steep NE. slope, bears NW. and SE.
20.40	Top of ascent, 85 ft. above draw, bears N. 20° W. and S. 20° E.; descend gradually along steep N. slope.
27.50	Top of a steep spur, 35 ft. below top of descent, projects N. 60° W.; descend abrupt W. slope.
39.92	On steep W. slope, 265 ft. below spur.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S9 / S16
	1933
	from which:
	A spruce, 6 ins. diam., bears S. 12° 30' E., 36 lks. dist., marked ¼ S16 BT.
	A spruce, 5 ins. diam., bears N. 45° W., 12 lks. dist., marked ¼ S9 BT.
60.75	Stream of good water, 1 lk. wide, 1 in. deep, in wash, 15 lks. wide, 10 ft. deep, in draw, 15 ft. below ¼ sec. cor., drains N. 15° W., about 4.00 chs. dist., thence N. 60° W.; ascend gradual NE. slope.
[illegible]	Spur, 45 ft. above draw, projects N.; descend gradual broken NW. slope.
[illegible]	Descent becomes abrupt, bears NE. and SW.
[illegible]	Draw, [illegible] ft. below spur, drains NW.; ascend gradual broken NE. slope.
68.40	Spur, 25 ft. above draw, projects N. 25° W.; descend gradual broken NW. slope.
71.70	Small seep, in bottom of draw, 50 ft. below spur, drains NW.; ascend gradual broken NE. slope.
[illegible]	Spur, 15 ft. above draw, projects NW.; descend gradual broken NW. slope.
[illegible]	Small draw, about 1.00 chs. wide, 10 ft. deep, drains NW
[illegible]	The cor. of secs. 8, 9, 16, and 17, 30 ft. below spur
	Land, broken and mountainous, with general north-westerly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, spruce, balsam, and aspen.
	Undergrowth, mountain juniper and sunberry.
	Poor grazing land.
	N. 0° 03' W., bet. secs. 8 and 9.
	Descend gradual NW. slope of broken mountainous land, through dense spruce and aspen, scattered balsam timber, and undergrowth of scattered mountain juniper and sunberry.
2.50	Descent becomes more abrupt over steep NW. slope, bears E. and W.
5.50	Draw, 35 lks. wide, 10 ft. deep, drains N. 75° W.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
12.20	Draw, 180 ft. below cor., drains N. 15° E.; descend gradual broken N. slope.
15.50	Main draw, 20 ft. below last draw, drains N. 15° E.; also old drag road, bears N. 20° E. and S. 20° W.; descend gradual broken N. slope.
17.40	Same road, bears S. 20° E. and NW.
23.00	Same road, bears SW. and NE.
25.00	Main draw, 40 ft. below last draw, drains NW.; ascend gradual S. slope.
26.80	Spur, 10 ft. above draw, projects NW.; descend gradual N. slope.
35.25	Bend in same road, bears S. 30° E. and NE.
35.30	Leave timber, bears NE. and SW.
37.15	Bottom of open draw, 75 ft. below spur, drains N. 60° E.; ascend gradual S. slope.
39.20	Enter dense aspen timber, bears N. 60° E. and S. 60° W.
40.00	On gradual S. slope, 15 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S8 | S9 1933 from which: An aspen, 8 ins. diam., bears N. 45° E., 7 lks. dist., marked ¼ S9 BT. An aspen, 6 ins. diam., bears N. 69° W., 15 lks. dist., marked ¼ S8 BT.
41.30	Spur, 20 ft. above ¼ sec. cor., projects E., about 3.50 chs. dist.; to end; descend gradually along steep NE. slope.
55.60	An old trail, bears N. 60° W. and S. 60° E; leave timber bears N. 60° W. and S. 60° E.
58.40	A stream of good water, 1 lk. wide, 1 in. deep, in wash, 10 lks. wide, 5 ft. deep, on S. edge of bottom of Pole Canyon, bears SE. and NW., 195 ft. below spur, drains N. 20° W.; thence over bottom of Pole Canyon.
60.00	Forest Service trail and old wagon road, bears N. 70° W. and S. 70° E.
65.00	A stream of good water, 2 lks. wide, 1 in. deep, in wash, 55 lks. wide, 20 ft. deep, in N. side of bottom of Pole Canyon, drains N. 65° W. Mouth of fork of Pole Canyon from S., bears S. 60° E., about 8.50 chs. dist.; ascend abrupt SW. slope, through dense aspen, scattered red pine and spruce timber, and undergrowth of medium dense sage, yellow top, and deer brush.
66.35	Forest Service trail, bears NW. and SE.

Chains.	
80.00	On steep broken SW. slope, 200 ft. above bottom of Pole Canyon, at N. edge of dense aspen timber, bears N. 60° W. and S. 60° E. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, with brass cap marked T27S R4E S5 S4 S8 S9 1933 from which: An aspen, 5 ins. diam., bears S. 61° E., 60 lks. dist., marked T27S R4E S9 BT. An aspen, 5 ins. diam., bears S. 24° W., 40 lks. dist., marked T27S R4E S8 BT. An aspen, 5 ins. diam., bears N. 86° 30' W., 46 lks. dist., marked T27S R4E S5 BT. No other bearing tree available. Land, broken and mountainous, with general north-westerly and south-westerly exposure and drainage. Soil, deep gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation. Timber, spruce, aspen, balsam, and red pine. Undergrowth, mountain juniper, sunberry, sage, yellow top, and deer brush. Good grazing land.
	East, on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect N. and S. line, 5 lks. S. of cor. of secs. 3, 4, 9, and 10. Thence: S. 89° 58' W., on true line bet. secs. 4 and 9. Ascend abrupt E. slope of broken mountainous land, through dense spruce, medium dense aspen and balsam timber, and undergrowth of scattered deer brush, mountain juniper, and sunberry.
5.00	Ascent becomes gradual over gentle E. slope, bears N. and S.
9.10	Leave timber, bears N. 15° W. and S. 15° E.
9.60	Top of Thousand Lake Mountain, 140 ft. above cor. bears S. 30° E. and N. 30° W.; descend gradually over broken steep S. slope of a high prominent peak.
10.70	Top of high prominent peak, bears N. 35° W., about 25.00 chs. dist.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
12.20	Enter medium dense aspen, red pine, and spruce timber, and undergrowth of dense sage and deer brush, sunberry and mountain juniper, bears N. 30° W. and S. 30° E.
39.94	On steep broken S. slope, 240 ft. below top of mountain.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	S4 / ¼ / S9
	1933
	from which:
	A red pine, 24 ins. diam., bears N. 28° E., 11 lks. dist., marked ¼ S4 BT.
	A red pine, 20 ins. diam., bears S. 50° E., 36 lks. dist., marked ¼ S9 BT.
42.20	Descent becomes abrupt over steep broken SW. slope, bears N. and S.
65.95	Forest Service trail, bears NW. and SE.; timber becomes scattered aspen and red pine, bears NW. and SE.
79.82	The cor. of secs. 4, 5, 8, and 9, 560 ft. below ¼ sec. cor.
	Land, broken and mountainous; east 9.00 chs. with general easterly exposure and drainage; remainder of mile with general south-westerly exposure and drainage.
	Soil, gray clay, black mountain loam, and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, aspen, red pine, spruce, and balsam.
	Undergrowth, sage and deer brush, sunberry, and mountain juniper.
	Good grazing land.
	———
	N. 0° 03' W., on true line bet. secs. 4 and 5.
	Ascend abrupt SW. slope of broken mountainous land, through scattered aspen and red pine timber, and undergrowth of medium dense sage and deer brush and sunberry.
5.75	Forest Service trail, bears N. 70° W. and S. 70° E.
7.60	Spur, 165 ft. above cor., projects N. 70° W.; descend gradual N. slope, through scattered groves of aspen and red pine timber, and undergrowth of dense sage and deer brush, scattered yellow top and service berry, bears N. 70° W. and S. 70° E.
13.50	Draw, 60 ft. below spur, drains W.; descend gradually over rolling W. slope.
24.00	Rolling top of ridge, 20 ft. below draw, bears E. and W.; descend gradually over rolling W. slope.

Chains.	
30.70	Center of flood plain, bears E. and W., from the mouth of a small canyon which bears E. about 12.00 chs. dist
34.20	Wash, 20 lks. wide, 5 ft. deep, drains N. 60° W.
40.00	On steep W. slope, 20 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top for ¼ sec. cor., with brass cap marked

¼
S5 | S4
1933

Deposit a volcanic stone 10 x 6 x 6 ins., at base of post, marked with a cross(X).

No other accessories available.

47.00	Small draw, 15 ft. below ¼ sec. cor., drains W.; ascend gradual SW. slope.
53.50	Spur, 45 ft. above draw, projects N. 60° W.; descend gradual NW. slope.
63.80	Draw, 115 ft. below spur, drains N. 75° W.; ascend gradually along rolling W. slope.
74.70	Ridge, 15 ft. above draw, bears N. 60° W. and S. 60° E.; descend gradual NW. slope.
80.00	On gradual NW. slope, 60 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5 sec. 4, and lots 1 and 8 sec. 5, with brass cap marked

T27S | R4E
L1 | L4
S5 —— S4
L8 | L5
1933

from which:

An aspen, 8 ins. diam., bears S. 5° 15' E., 195 lks. dist., marked S4 L5 BT.

No other bearing trees available.

86.87	On gradual NW. slope, 40 ft. below lot cor.
	Intersect the N. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, T. 27 S., R. 4 E., with brass cap marked

T26S R4E
333

S5 | S4
T27S | R4E
C | C
1933

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains	
	Of [illegible] raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	From this cor. the cor. of secs. 32 and 33, T. 26 S., R. 4 E., heretofore described, bears N. 89° 46' W., 14.11 chs. dist.
	Land, rolling ~~and mou~~ntainous, with general westerly exposure and drainage.
	Soil, deep clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen and red pine.
	Undergrowth, sage, yellow top, deer, and service berry brush and sunberry.
	Good grazing land.

	From the cor. of secs. 5, 6, 31, and 32, on the E. bdy. of the township, heretofore described.
	N. 0° 03' W., bet. secs. 31 and 32.
	Ascend gradually along broken W. slope of broken mountainous land, through medium dense spruce and aspen timber, and undergrowth of medium dense mountain juniper,
14.70	Top of ascent, 60 ft. above cor., bears E. and S. 60° W.; descend gradually along broken W. slope.
30.00	Base of descent, 110 ft. below top of ascent, bears E. and W.; ascend gradual broken SW. slope.
36.00	Spur, 40 ft. above base of descent, projects W.; descend gradual NW. slope, over slide rock.
40.00	In bottom of a slide rock draw, 40 ft. below [illegible], drains W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for ¼ sec. cor., with brass cap marked
	¼ S31 | S32 1933
	from which:
	A spruce, 12 ins. diam., bears S. 75° E., 34 lks. dist., marked ¼ S32 BT.
	A spruce, 12 ins. diam., bears S. 83° W., 34 lks. dist., marked ¼ S31 BT.
	Ascend gradual broken SW. slope.
45.50	Top of a slide rock rise, 40 ft. above ¼ sec. cor., bears E. and W.; descend gradual N. slope.
48.00	Base of descent, 20 ft. below rise, bears E. and W.; ascend gradual broken S. slope.
80.00	On broken ridge, 30 ft. above base of ascent, bears E. and S. 60° W., in volcanic slide rock and boulders.

SUBDIVISION OF [illegible]

Chains.	
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. [illegible] the ground to solid rock and in a mound of stone to [illegible] for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T27S	R4E
S30	S29
S31	S32

1933

from which:

A spruce, [illegible] ins. diam., bears N. 33° E., 67 lks. dist., marked T27S R4E S29 BT.

A spruce, 9 ins. diam., bears S. 87° E., 40 lks. dist., marked T27S R4E S32 BT.

A spruce, 12 ins. diam., bears S. 14° W., 18 lks. dist., marked T27S R4E S31 BT.

A spruce, 12 ins. diam., bears N. 34° 30' W., 40 lks. dist., marked T27S R4E S30 BT.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow black mountain loam mixed with slide rock; 4th rate. Volcanic formation.

Timber, spruce and aspen.

Undergrowth, mountain juniper.

Poor grazing land.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

[illegible]0.10 Intersect N. and S. line, 12 lks. S. of cor. of secs. 28, 29, 32, and 33.

Thence:

S. 9° 55' W., on true line bet. secs. 29 and 32.

Descend gradual SW. slope of rolling mountainous land, on [illegible] top of Thousand Lake Mountain, through undergrowth of scattered sunberry.

[illegible].60 West rim of top of Thousand Lake Mountain, 10 ft. below cor, bears N. and S.; descend abrupt broken W. slope over broken volcanic ledges and slide rock, through scattered spruce timber, bears N. and S.

[illegible]0.10 Descent becomes gradual over broken W. slope, bears N. and S.

[illegible].60 Descent becomes more gradual over broken W. slope, bears N. and S.

40.05 On gradual broken W. slope, [illegible] ft. below rim, in volcanic slide rock.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
[illegible]	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S29 / S32 1933 from which: A spruce, 15 ins. diam., bears S. 82° W., 91 lks. dist., marked ¼ S32 BT. A spruce, 12 ins. diam., bears N. 17° 30' W., 106 lks. dist., marked ¼ S29 BT.
43.50	Descent becomes abrupt over steep W. slope, bears N. and S.
49.00	Descent becomes gradual over broken W. slope, bears N. and S., through dense spruce and scattered aspen timber, and undergrowth of medium dense mountain juniper, bears N. and S.
57.40	Base of descent, [illegible] ft. below ¼ sec. cor., bears NE. and SW.; ascend gradual SE. slope.
65.50	Top of ascent on broken S. slope of ridge, 25 ft. above base of ascent, bears N. 30° E. and S. 30° W.; descend gradually over broken S. slope.
74.00	Broken top of ridge, 30 ft. below top of ascent, bears N. 60° E. and W.; descend gradually along broken top of ridge.
80.10	The cor. of secs. 2[illegible], [illegible]0, [illegible]1, and [illegible], 10 ft. below 74.00 chs. point.
	Land, rolling and mountainous on E. 12.[illegible]0 chs., with general westerly exposure and drainage; broken and mountainous, with general westerly exposure and drainage on remainder of mile.
	Soil, shallow black mountain loam, mixed with volcanic slide rock; 4th rate. Volcanic formation.
	Timber, spruce and aspen.
	Undergrowth, scattered mountain juniper and sunberry.
	Grazing, good on E. 12.[illegible]0 chs.; poor on remainder of mile.
	West, on true line bet. secs. 30 and 31.
	Descend gradual NW. slope of broken mountainous land, through dense spruce and scattered aspen timber, and undergrowth of scattered mountain juniper and deer brush.
32.50	The SW. edge of a marsh, about 5.00 chs. long NE. and SW., and 2.00 chs. wide NW. and SE., bears N. 6.50 chs. dist.
32.[illegible]0	Descent becomes abrupt over steep NW. slope, bears NE. and SW.
38.20	Descent becomes gradual over broken NW. slope, bears NE. and SW.
40.00	On gradual broken NW. slope, 370 ft. below sec. cor.

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SUBDIVISION OF T. 27 S., R. 4 E.

Chains.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S30 / S31

1933

from which:

A spruce, 9 ins. diam., bears S. 9° 30' E., 79 lks. dist., marked ¼ S31 BT.

A spruce, 17 ins. diam., bears N. 48° 30' W., 90 lks. dist., marked ¼ S30 BT.

49.10 Forest Service trail, bears N. 20° E. and S. 20° W.

69.30 Descent becomes abrupt over broken NW. slope, bears NE. and SW.; thence through dense spruce, aspen, and red pin

70.00 On broken NW. slope, 250 ft. below ¼ sec. cor.

Intersect the W. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, T. 27 S R. 4 E., with brass cap marked

T27S R3E S36 | T27S S30 — CC S31 R4E

1933

from which:

A red pine, 10 ins. diam., bears N. 29° E., 65 lks. dist., marked T27S R4E S30 CC BT.

A red pine, 16 ins. diam., bears S. 9° 30' E., 105 lks. dist., marked T27S R4E S31 CC BT.

From this cor. the cor. of secs. 25 and 36, T. 27 S., R. 3 E., heretofore described, bears N. 0° 17' W., 5.74 chs. dist.

Land, broken and mountainous, with general northwesterly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce, aspen, and red pine.

Undergrowth, mountain juniper, and deer brush.

Poor grazing land.

From the cor. of secs. 29, 30, 31, and 32.

N. 0° 03' W., bet. secs. 29 and 30.

Descend gradual NW. slope of broken mountainous land, through dense spruce and scattered aspen timber, and undergrowth of scattered mountain juniper and larb.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
16.30	Draw, 60 ft. below cor. drains W.; ascend gradual broken SW slope, through dense aspen and medium dense spruce timber, bears E. and W.
22.30	Spur, 60 ft. above draw, projects SW. about 5.00 chs. dist.; descend gradual NW. slope.
26.70	Draw, 30 ft. below spur, drains S. 75° W.; ascend abrupt S. slope.
29.30	Ridge, 70 ft. above draw, bears N. 70° E. and S. 70° W.; descend gradual NW. slope.
34.10	Head of draw, 40 ft. below ridge, drains N. 30° W.; descend gradually along steep broken W. slope.
40.00	On steep broken W. slope, 20 ft. below head of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S30 | S29

1933

from which:

A spruce, 9 ins. diam., bears S. 16° E., 16 lks. dist., marked ¼ S29 BT.

A spruce, 8 ins. diam., bears S. 71° W., 53 lks. dist., marked ¼ S30 BT.

Thence ascend gradually over steep SW. slope.

43.30	Spur, 25 ft. above ¼ sec. cor., projects W.; descend broken NW. slope.
50.60	Descent becomes more abrupt over steep NW. slope, through dense spruce and balsam timber, bears NE. and SW.
60.20	Draw, 210 ft. below spur, drains N. 75° W.; ascend abrupt S. slope.
61.50	Spur, 30 ft. above draw, projects N. 70° W.; descend abrupt N. slope.
64.30	Descent becomes more gradual over broken NW. slope, bears E. and W.
67.30	Descent becomes abrupt over broken N. slope, bears E. and W.
72.70	Bottom of main draw, 160 ft. below spur, drains N. 60° W.; descend gradually along broken W. slope.
75.60	A small spring, bears E. 30 lks. dist., drains W.; timber becomes dense aspen and scattered spruce, bears E. and W.
80.00	On broken W. slope, 20 ft. below draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.

T27S	R4E
S19	S20
S30	S29

1933

from which:

An aspen, 6 ins. diam., bears N. 55° E., 29 lks. dist., marked T27S R4E S20 BT.

A spruce, 18 ins. diam., bears S. 5° E., 71 lks. dist., marked T27S R4E S29 BT.

A spruce, 6 ins. diam., bears S. 51° W., 79 lks. dist., marked T27S R4E S30 BT.

A spruce, 6 ins. diam., bears N. 57° 30' W., 14 lks. dist., marked T27S R4E S19 BT.

Land, broken and mountainous, with general northwesterly exposure and drainage.

Soil, black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce and aspen.

Undergrowth, mountain juniper and larb.

Poor grazing land.

N. 89° 55' E., on random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

40.10 Intersect W. and S. line, at the cor. of secs. 20, 21, 28, and 29.

Thence:

S. 89° 55' W., on true line bet. secs. 20 and 29.

Descend gradually over steep broken N. slope of broken mountainous land, through scattered spruce timber, and undergrowth of scattered mountain juniper and sunberry.

10.10 Ridge, 50 ft. below cor., bears NW. and SE.; descend abrupt broken W. slope, through dense aspen, scattered spruce and balsam timber, and undergrowth of scattered mountain juniper, sunberry, and larb, bears NE. and SW.

10.48 Forest Service trail, bears N. and S.

10.65 On steep broken W. slope, 450 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ S20 / S29

1933

from which:

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	A balsam, 9 ins. diam., bears N. 80° E., 89 lks. dist., marked ¼ S20 BT.
	A spruce, 8 ins. diam., bears S. 66° W., 72 lks. dist., marked ¼ S29 BT.
57.10	Descent becomes more gradual over SW. slope, bears N. and S.
65.00	Spur, 335 ft. below ¼ sec. cor., projects SW.; descend abrupt broken W. slope.
67.60	Center of a circular marsh, about 5.00 chs. diam., bears N. about 7.50 chs. dist.
72.10	Descent becomes more gradual over broken W. slope, bears NE. and SW.
73.14	A small spring, bears S. 20 lks. dist., drains S. 60° W.
80.10	The cor. of secs. 19, 20, 29, and 30, 180 ft. below spur.
	Land, broken and mountainous, with general westerly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, spruce, aspen, and balsam.
	Undergrowth, mountain juniper, sunberry, and larb.
	Poor grazing land.

West, on true line bet. secs. 19 and 30.

Descend gradual W. slope of broken mountainous land, through dense aspen and scattered spruce timber, and undergrowth of scattered mountain juniper, gooseberry, willows, and larb.

9.30	Main draw, 135 ft. below cor., drains N. 30° W., about 4.00 chs. dist., thence N. 80° W.; descend gradually over broken NW. slope, through dense red pine and spruce timber, bears NW. and SE.
30.20	Center of a circular marsh, about 2.00 chs. in diam., bears N. 5.00 chs. dist. No outlet.
30.30	Base of descent, 100 ft. below draw, bears N. and S.; ascend gradually along steep N. slope.
36.90	Top of ascent, 35 ft. above base of descent, bears N. and SE.; descend abrupt NW. slope.
40.00	On general top of ridge, 50 ft. below top of ascent, bears S. 75° E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ S19 / S30

1933

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
	from which:
	A red pine, 18 ins. diam., bears N. 21° E., 29 lks. dist., marked ¼ S19 BT.
	A red pine, 24 ins. diam., bears S. 71° W., 18 lks. dist., marked ¼ S30 BT.
	Descend abrupt W. slope along general top of broken ridge, through medium dense red pine and aspen, bears N. S.
47.50	Descent becomes more gradual, bears N. and S.
54.40	Leave top of ridge, bears S. 70° W.; descend gradual NW. slope.
57.50	Forest Service trail, bears N. and S.
59.00	Same ridge, 200 ft. below ¼ sec. cor., bears S. 70° E. and N. 70° W.; descend gradual rolling SW. slope.
69.50	Change of slope, bears NE. and SW.; descend gradual NW. slope.
73.40	Descent becomes abrupt over steep SW. slope, bears NW. and SE.
76.48	On steep SW. slope, 150 ft. below ridge.
	Intersect the West bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 19 and 30, T. 27 S., R. 4 E., with brass cap marked

T27S R3E S25 | T27S S19 —CC S30 R4E

1933

from which:

A red pine, 8 ins. diam., bears N. 69° E., 23 lks. dist., marked T27S R4E S19 CC BT.

A red pine, 9 ins. diam., bears S. 81° E., 41 lks. dist., marked T27S R4E S30 CC BT.

From this cor. the cor. of secs. 24 and 25, T. 27 S., R. 3 E., heretofore described, bears N. 0° 15' E., 6.47 chs. dist.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, red pine, aspen, and spruce.

Undergrowth, mountain juniper, gooseberry, willow, and larb.

Fair grazing land.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0° 03' W., bet. secs. 19 and 20.
	Ascend gradual SW. slope of broken mountainous land, through dense aspen, scattered spruce and balsam timber, and undergrowth of scattered mountain juniper, sunberry, and larb.
13.44	A spruce, 9 ins. diam., on line, marked with two notches each on N. and S. sides.
16.84	Forest Service trail, bears E. and W.
22.90	Spur, 130 ft. above cor., projects SW.; continue gradual ascent over SW. slope.
35.30	Ridge, 90 ft. above spur, bears E. and W.; descend abrupt N. slope, through dense spruce, scattered aspen and balsam timber, bears with ridge.
39.00	Descent becomes more gradual over gentle N. slope, bears N. 70° W. and S. 70° E.
40.00	On gentle N. slope, 100 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	from which:
	A spruce, [illegible] ins. diam., bears N. 23° E., [illegible] lks. dist., marked ¼ S20 BT.
	A spruce, [illegible] ins. diam., bears S. [illegible]° [illegible]' W., 15 lks. dist., marked ¼ S19 BT.
47.1[illegible]	Draw, [illegible] ft. below ¼ sec. cor., drains NW.; ascend gradual broken SW. slope.
49.50	Spur, 20 ft. above draw, projects N. [illegible] W.; descend gradual broken NW. slope.
56.50	Stream of good water, 4 lks. wide, 6 ins. deep, in bottom of main draw, lined with willows, 60 ft. below spur, drains NW.; ascend gradual SW. slope.
59.65	Old log road, bears NW. and SE.
61.90	West end of low spur from E., 15 ft. above stream; descend gradual NW. slope.
63.40	Grassy draw, 25 ft. below spur, drains W.; same old road, bears NE. and SW.; ascend gradual S. slope.
65.00	Rise, 5 ft. above draw, bears E. and W.; descend gradually along broken W. slope.
68.12	Old log road, bears NW. and SE.
72.80	Small spring, in bottom of swampy draw, 30 ft. below rise, drains S. 60° W.; ascend gradual S. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
74.90	Top of rise, 10 ft. above draw, bears SW. and NE.; descend gradual broken NW. slope.
80.00	On gradual NW. slope, 40 ft. below rise.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top for cor of secs. 17, 18, 19, and 20, with brass cap marked

T27S	R4E
S18	S17
S19	S20

1933

from which:

A spruce, 14 ins. diam., bears N. 77° E., 30 lks. dist., marked T27S R4E S17 BT.

A spruce, 9 ins. diam., bears S. 19° E., 5 lks. dist., marked T27S R4E S20 BT.

A spruce, 6 ins. diam., bears S. 73° W., 39 lks. dist., marked T27S R4E S19 BT.

A spruce, 10 ins. diam., bears N. 50° 30' W., 70 lks. dist., marked T27S R4E S18 BT.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow black mountain loam and clay, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, spruce, aspen, and balsam.

Undergrowth, mountain juniper, sunberry, and larb.

Fair grazing land.

N. 89° 55' E., on random line bet secs. 17 and 20.

40.00	Set temp ¼ sec. cor.
80.10	Intersect N. and S. line, 12 lks. N. of cor. of secs. 16, 17, 20, and 21.
	Thence:
	West, on true line bet. secs. 17 and 20.
	Ascend gradual broken E. slope of broken mountainous land, through dense aspen, scattered spruce and balsam timber, and undergrowth of scattered mountain juniper, deer brush, and sunberry.
0.50	Forest Service trail, bears N. 20° E. and S. 20° W.
2.90	Top of rise, 15 ft. above cor., bears N. and S.; descend gradual broken W. slope.
28.30	Ditch, 18 ins. deep, 5 lks. wide, from SE., drains NW.
29.05	Old wagon road, bears SE. and N. 30° W.
30.05	Center of a shallow lake, about 2.50 chs. long, N. and S. and 1.30 chs. wide, E. and W., bears S., about 75 lks.

Chains.	
	dist., 130 ft. below rise, ascend gradual E. slope.
32.00	Rise, 25 ft. above lake, bears N. and S.; descend gradual broken NW. slope.
37.80	Descent becomes abrupt over steep broken W. slope, bears N. 20° E. and S. 20° W.
40.05	On steep broken W. slope, 85 ft. below rise.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S17 / S20 1933 from which:
	A spruce, 14 ins. diam., bears N. 4[illegible]° E., 49 lks. dist., marked ¼ S17 BT.
	A spruce, 8 ins. diam., bears S. 6[illegible]° E., 15 lks. dist., marked ¼ S20 BT.
44.50	Draw, 1[illegible] ft. below ¼ sec. cor., drains North, about 1.5[illegible] chs. dist. to a shallow circular pond about 1.[illegible] chs. diam.; ascend gradual E. slope.
48.90	Ridge, 40 ft. above draw, bears NW. and S. [illegible]°; descend gradual broken SW. slope.
52.[illegible]	Old wagon road, bears N. and S.
55.30	Stream of good water, 1 ft. wide, 1 in. deep, in draw 35 ft. below ridge, drains N.; ascend gradual N. slope.
57.[illegible]	Spur, 40 ft. above draw, projects N.; descend abrupt N. slope.
59.40	Descent becomes more gradual over steep broken NW. slope, bears N. and S.
66.[illegible]	Stream of good water, 2 ins. wide, 3 ins. deep, in draw 120 ft. below spur, drains NW.; descend gradually long broken S. slope.
71.25	Old log road, bears N. and S.
74.50	Top of rise, 10 ft. above stream, bears S. and NE.; descend gradual broken NW. slope.
77.[illegible]	Same old road, bears N. 70° W. and S. 70° E.
80.10	The cor. of secs. 17, 18, 19, and 20, 60 ft. below rise.
	Land, broken and mountainous, with general westerly exposure and drainage.
	Soil, deep gray clay and black mountain loam, mixed with rock and gravel; 3rd rate. Volcanic formation.
	Timber, aspen, spruce, and balsam.
	Undergrowth, mountain juniper, deer brush, and honeberry.
	Good grazing land.

SUBDIVISION OF T. 27 S., R. 4 W.

Chains.	
	West, on true line bet. secs. 18 and 19.
	Descend gradual broken W. slope of broken mountainous land, down general bottom of small draw that drains W., through dense spruce and aspen and scattered balsam timber, and undergrowth of scattered deer brush, mountain juniper, and sunberry.
1.60	Bend in wagon road, bears N. 70° E. and N. 70° W.
4.10	Junction of three wagon roads, from E., N., and NW., bears N. about 50 lks. dist.; leave bottom of draw, drains S. 60° W.; descend gradual SW. slope.
5.39	Forest Service telephone line, bears N. 60° E. and S. 60° W.
7.64	A sawmill, bears South, 1.50 chs. dist.
9.50	A small spring, bears South, 2.00 chs. dist., drains S. 75° W.
9.[illegible]0	A one room lumber cabin, bears South, 1.55 chs. dist.
1[illegible].50	Ridge, 45 ft. below cor., bears N. 60° E. and S. 60° W.; descend gradual broken NW. slope.
24.40	Descent becomes more abrupt over steep broken NW. slope, bears NE. and SW.
27.40	A small spring, bears North, 50 lks. dist., drains W.
34.00	Timber becomes dense aspen, medium dense red pine and balsam, bears N. and S.
39.50	Spur, 270 ft. below ridge, projects N. 60° W.; descend abrupt W. slope, through scattered red pine timber, and undergrowth of dense sage and yellow top brush, bears NW. and SE.
40.00	On steep W. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S18 / S19
	1933
	from which:
	A red pine, 16 ins. diam., bears N. 59° E., 79 lks. dist.; marked ¼ S18 BT.
	A red pine, 14 ins. diam., bears S. 27° E., 69 lks. dist., marked ¼ S19 BT.
47.00	Top of same spur, 230 ft. below ¼ sec. cor., projects W.; descend abruptly down general top of spur.
59.25	Stream of good water, 1 lk. wide, 1 in. deep, drains S. about 1.60 chs. dist. to main stream, at base of descent, 180 ft. below top of spur, bears N. and S., at West end of spur; ascend gradual E. slope.
60.10	Spur, 10 ft. above stream, projects S. 60° W.; descend gradual broken SW. slope.

[illegible] T. 27 S., R. 4 E.

[illegible] Stream of good water, 1 lk. wide, 1 in deep, drains S. 60° W.

[illegible] Old wagon road, bears SW. and N. 20° E.; timber becomes scattered red pine, pinon, and juniper, bears NE. and S. 60° W.

69.18 Another old road, bears NE. and SW.

72.70 Small draw, 180 ft. below spur, drains S. 60° W.; descend gradually along steep S. slope.

76.01 On steep S. slope, 20 ft. below draw.

Intersect the West bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 18 and 19, T. 27 S., R. 4 E., with brass cap marked

```
        |T27S
T27S    |S18
R3E     |——— CC
S24     |S19
        |R4E
        |
        1933
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from which:

A red cedar, 14 ins. diam., bears N. 71° 30' E., 52 lks. dist., marked T27S R4E S18 CC BT.

A red cedar, 6 ins. diam., bears S. [illegible]7° E., [illegible] s. dist., marked T27S R4E S19 CC BT.

From this cor. the cor. of secs. [illegible], T. 27 S., R. 3 E., heretofore described, bears [illegible] 15' [illegible], 7.30 chs. dist.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, deep gray clay and loose sand, mixed with rock and gravel; 3rd rate. Volcanic formation.

Timber, spruce, aspen, balsam, red pine, juniper, pinon, and red cedar.

Undergrowth, sage, yellow top, and deer brush, mountain juniper, and sunberry.

Good grazing land.

From the cor. of secs. 17, 18, 19, and 20.

N. 0° 03' W., bet. secs. 17 and 18.

Descend gradual N. slope of broken mountainous land, through dense spruce and aspen, and scattered balsam timber, and undergrowth of scattered deer brush, mountain juniper, and sunberry.

0.20 Small draw, 5 ft. below cor., drains W.; log road in bottom of draw, bears N. 85° E. and S. 85° W.; ascend gradual SW. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
3.20	Forest Service trail, bears NE. and SW. 30° W.; Forest Service telephone line, bears NE. and SW.
4.00	Rise, 25 ft. above draw, bears NE. and SW.; descend gradual broken NW. slope.
8.10	Descent becomes more abrupt over steep NW. slope, bears NE. and SW..
11.20	Base of descent, 115 ft. below rise, bears E. and W.; ascend gradual S. slope.
12.40	A ditch, 3 lks. wide, 12 ins. deep, from NE., drains SW.
14.50	Old wagon road on top of ridge, 20 ft. above base of ascent, bears N. 75° W. and S. 75° E.; descend abrupt broken NW. slope.
20.50	Gulch, heads E. about 5.50 chs. dist., 200 ft. below ridge, drains N. 70° W.; ascend abrupt S. slope.
28.30	Spur, 120 ft. above gulch, projects W.; descend abrupt N. slope.
33.00	Head of gulch, 50 ft. below spur, drains N. 70° W.; ascend gradually along steep W. slope.
37.40	Spur, 20 ft. above gulch, projects N. 70° W.; descend abrupt N. slope, through dense red pine timber, bears E. and W.
40.00	On steep N. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S18 | S17 W. 1933
	from which:
	A red pine, 8 ins. diam., bears N. 45° E., 11 lks. dist., marked ¼ S17 BT..
	A red pine, 16 ins. diam., bears N. 70° W., 7 lks. dist., marked ¼ S18 BT.
43.40	Draw, 100 ft. below ¼ sec. cor., drains W.; ascend abrupt E. slope.
46.20	Spur, 75 ft. above draw, projects W. about 6.50 chs. to end; descend abrupt broken NW. slope, through scattered red pine and spruce timber, bears E. and W.
49.80	Stream of salty water, 2 lks. wide, 1 in. deep, in bottom of gorge, 140 ft. below spur, drains S. 60° W.; ascend abrupt broken N. breaks of gorge.
57.90	Top of abrupt ascent, bears W. and E.; thence ascend gradual SW. slope.
60.00	Ridge, 400 ft. above bottom of gorge, bears E. and W.; descend gradually over steep broken NW. slope, through dense spruce, red pine, and aspen timber, and undergrowth of scattered sage, sunberry, and deer brush, bears with ridge.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
[illegible]	Draw, 100 ft. below ridge, drains W.; ascend gradually over steep SW. slope.
[illegible]	Leave timber, bears N. 60° W. and S. 60° E.
80.00	On steep SW. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T27S	R4E
S7	S8
S18	S17

1933

from which:

A spruce, 10 ins. diam., bears S. 83° E., 389 lks. dist., marked T27S R4E S17 BT.

No other suitable bearing trees available.

Land, broken and mountainous, with general westerly exposure and drainage.

Soil, shallow clay, loose sand, and black mountain loam, mixed with rock and gravel; 4th rate. Volcanic and sandstone formation.

Timber, spruce, red pine, aspen, and balsam.

Undergrowth, deer and sage brush, mountain juniper, and sunberry.

Fair grazing land.

East, on random line bet. secs 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line, at cor. of secs. 8, 9, 16, and 17.

Thence:

West, on true line bet. secs. 8 and 17.

Descend gradual NW. slope of broken mountainous land, through dense spruce and scattered aspen timber, and undergrowth of scattered mountain juniper, deer brush, and sunberry.

6.30 Wash, 30 lks. wide, 10 ft. deep, in bottom of [illegible] wide draw, 50 ft. below cor., drains N. 10° E.; ascend abrupt broken NE. slope.

27.20 Timber becomes dense aspen and medium dense spruce, bears N. and S.

30.70 Ascent becomes more gradual over gentle E. slope, bears SE. and N. 30° W.

33.00 Ridge, 490 ft. above bottom of draw, bears SE. and N.; descend gradual broken W. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
40.07	On gradual broken W. slope, 50 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S8 / S17 1933
	from which:
	A spruce, 7 ins. diam., bears N. 7° 15' E., 53 lks. dist., marked ¼ S8 BT.
	A spruce, 9 ins. diam., bears S. 11° 15' E., 23 lks. dist., marked ¼ S17 BT.
56.10	Timber becomes dense aspen and spruce, bears SW. and E. 70° E.
67.50	Base of descent, 190 ft. below ¼ sec. cor., bears N. and S.; ascend abrupt E. slope, through dense aspen and scattered spruce timber, bears N. and S.
69.00	Rise, 30 ft. above base of ascent, bears N. and S.; descend abrupt broken SW. slope.
72.00	South edge of bottom of circular basin, about 1.50 chs. diam., 100 ft. below rise; ascend gradual E. slope.
78.50	Top of ascent, 20 ft. above basin, bears N. 15° W. and S. 15° E.; leave timber and enter undergrowth of scattered sage and deer brush, bears with top of ascent; descend abrupt broken SW. slope.
80.14	The cor. of secs. 7, 8, 17, and 18, 70 ft. below top of ascent.
	Land, broken and mountainous; east 33.00 chs. with general north-easterly exposure and drainage; remainder of mile with general westerly exposure and drainage.
	Soil, shallow black mountain loam and clay, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, aspen and spruce.
	Undergrowth, deer brush, mountain juniper, sunberry, sagebrush, and yellow top.
	Good grazing land.

	West, on true line bet. secs. 7 and 18.
	Descend abrupt broken SW. slope of broken mountainous land, through scattered red pine timber, and undergrowth of medium dense sage, scattered deer brush and sunberry.
7.80	Enter medium dense red pine, scattered spruce, aspen, and balsam timber, and undergrowth of medium dense sage and deer brush and currant, bears NW. and SE.
26.40	Timber becomes medium dense limber pine, scattered red pine, red cedar, and pinon, and undergrowth of medium dense rabbit brush, scattered sage and deer brush, bears N. 25° E. and S. 25° W.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
29.30	Wash, 20 lks. wide, 10 ft. deep, in draw, 720 ft. below cor., drains SW.; ascend gradually over broken S. slope.
38.50	Red and gray shale spur, 20 ft. above draw, projects S. 25° W.; descend abrupt broken SW. slope, through medium dense pinon and juniper, scattered red pine and red cedar timber, and undergrowth of dense sagebrush, scattered yellow top and deer brush, bears N. 25° E., and S. 25° W.
40.00	On steep broken SW. slope, 40 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S7}{S18}$$

1933

from which:

A red pine, 15 ins. diam., bears S. 53° W., 37 lks. dist., marked ¼ S18 BT./

A red cedar, 6 ins. diam., bears N. 3° W., 28 lks. dist., marked ¼ S7 BT.

43.00	Timber becomes scattered pinon, juniper, and red pine, bears NE. and SW.
53.00	Stream of water, 1 lk. wide, 1 in. deep, in wash, 10 lks. wide, 7 ft. deep, in draw, 290 ft. below ¼ sec. cor., drains N. 65° W.; ascend gradually along broken W. slope.
60.70	Top of ascent, 30 ft. above draw, bears NW. and SE.; descend gradual rolling NW. slope.
73.10	Ridge, 70 ft. below top of descent, bears S. 70° E. and N. 70° W.; descend abrupt SW. slope.
75.80	On steep SW. slope, 40 ft. below ridge.
	Intersect the W. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 7 and 18, T. 27 S., R. 4 E., with brass cap marked

T27S
T27S | S7
R3E | CC
S13 | S18
R4E

1933

from which:

A red cedar, 8 ins. diam., bears S. 33° E., 110 lks. dist., marked T27S R4E S18 CC BT./

No other bearing tree available.

From this cor. the cor. of secs. 12 and 13, T. 27 S., R. 3 E., heretofore described, bears N.0° 10' E., 7.34 chs. dist.

Land, broken and mountainous, with general westerly exposure and drainage.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	Soil, shallow clay and loose sand, mixed with rock and gravel; 4th rate. Volcanic and sandstone formation.
	Timber, red pine, spruce, aspen, pinon, juniper, limber pine, balsam, and red cedar.
	Undergrowth, sage, yellow top, deer, and rabbit brush, and sunberry.
	Good grazing land.

	From the cor. of secs. 7, 8, 17, and 18.
	N. 0° 03' W., bet. secs. 7 and 8.
	Ascend gradually over steep broken SW. slope of broken mountainous land, through medium dense sage and deer brush, scattered sunberry and mountain juniper.
6.50	Spur, 40 ft. above cor., projects W.; descend gradually over steep broken NW. slope.
8.50	Enter dense spruce and red pine, scattered aspen timber, bears W. and SW.
12.43	A spruce, 18 ins. diam., on line, marked with two notches each on N. and S. sides.; descent becomes abrupt over steep NW. slope, bears N. 15° E. and S. 15° W.
27.50	Leave timber at base of abrupt descent, bears NE. and SW. descend gradual NW. slope, through scattered sage, and deer brush undergrowth.
33.00	Ridge, 670 ft. below spur, bears S. 35° E. and N.; descend gradually along general top of ridge.
40.00	On general top of ridge, bears S. and N. 30° W.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S7 | S8 1933
	from which:
	An aspen, 4 ins. diam., bears N. 48° 30' E., 53 lks. dist., marked ¼ S8 BT.
	An aspen, 4 ins. diam., bears N. 9° 30' W., 97 lks. dist., marked ¼ S7 BT.
	Descend abrupt NE. slope of ridge.
40.80	Enter scattered aspen and red pine timber, and undergrowth of medium dense sage and deer brush, bears S. 30° E. and N. 30° W.
46.50	Head of draw, 95 ft. below ¼ sec. cor., drains NE.; ascend gradual SE. slope, through sage and deer brush opening, bears SW. and N. 75° E.
52.80	Same ridge as last, 15 ft. above head of draw, bears NE. and S. 30° W.; descend abrupt NW. slope.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains	
	Enter medium dense red pine and aspen timber, bears NW. and SW.
77.30	Top of a steep spur, 380 ft. below ridge, projects N. 20° W.; descend abrupt N. slope.
80.00	On steep N. slope, 65 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T27S	R4E
S6	S5
S7	S8

1933

from which:

A red pine, 5 ins. diam., bears N. 51° E., 27 lks. dist., marked T27S R4E S5 BT.

A red pine, 10 ins. diam., bears S. 82° E., 45 lks. dist., marked T27S R4E S8 BT.

A red pine, 12 ins. diam., bears S. 4° 30' W., 15 lks. dist., marked T27S R4E S7 BT.

A red pine, 15 ins. diam., bears N. 85° 30' W., 30 lks. dist., marked T27S R4E S6 BT.

Land, broken and mountainous, with general northwesterly exposure and drainage.

Soil, shallow clay and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, spruce, red pine, and aspen.

Undergrowth, sage and deer brush, mountain juniper, and sunberry.

Good grazing land.

East, on random line bet. secs. 5 and 8.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect N. and S. line, 5 lks. S. of cor. of secs. 4, 5, 8, and 9.

Thence:

S. 89° 58' W., on true line bet. secs. 5 and 8.

Descend abrupt SW. slope of broken mountainous land, through dense aspen and scattered red pine timber, and undergrowth of medium dense sage and deer brush, scattered mountain juniper and sunberry.

9.83 Forest Service trail, bears N. 60° W. and S. 60° E.

19.15 Wash, 50 lks. wide, 45 ft. deep, in bottom of Pole Canyon, 340 ft. below cor., drains NW. about 6.50 chs. dist., thence N. 75° W.; ascend gradually over N. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
21.80	Low spur, 20 ft. above bottom of Pole Canyon, projects N. 30° W., about 5.00 chs. to end; descend gradual W. slope.
26.80	Old wagon road, bears N. 60° W. and S. 60° E., at base of descent, 40 ft. below spur, bears NW. and SE.; ascend gradually along steep broken N. slope of Pole Canyon.
32.30	Enter dense spruce, red pine, and aspen, bears N. 60° W. and S. 60° E.
35.40	Top of ascent on steep spur from S. 10° E., 20 ft. above base of ascent, projects N. 10° W.; descend gradual NW. slope.
40.00	On steep NW. slope, 35 ft. below top of descent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins in the ground, for ¼ sec. cor., with brass cap marked
	¼ S5 / S8
	1933
	from which:
	A red pine, 10 ins. diam., bears S. 2° E., 19 lks. dist., marked ¼ S6 BT.
	A spruce, 6 ins. diam., bears N. 27° 30' W., 17 lks. dist., marked ¼ S5 BT.
60.50	Draw, 75 ft. below ¼ sec. cor., drains N. 15° E.; ascend abrupt NE. slope.
66.00	Top of ascent on steep N. slope, 120 ft. above draw, bears N. and S.; descend gradually over steep NW. slope.
0.00	The cor. of secs. 5, 6, 7, and 8, 10 ft. below top of descent.
	Land, broken and mountainous, with general south-westerly exposure and drainage on E. 19.15 chs.; general north-easterly exposure and drainage on remainder of mile.
	Soil, deep clay, black mountain loam, and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, red pine, spruce, and aspen.
	Undergrowth, sage and deer brush, mountain juniper, and sarberry.
	West, on true line bet. secs. 6 and 7.
	Descend gradually over steep N. slope of broken mountainous land, through medium dense red pine, balsam, and aspen timber, and undergrowth of dense deer brush.
0.80	Spur, 5 ft. below cor., projects N. 30° W.; descend abrupt W. slope.
5.50	Draw, 110 ft. below spur, drains N. 20° E.; ascend gradual E. slope.

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains.	
7.10	Spur, 30 ft. above draw, projects N. 20° E.; descend gradual NW. slope.
12.10	Draw, 30 ft. below spur, drains N. 20° E.; ascend gradual NE. slope.
16.70	Spur, 40 ft. above draw, projects N., about 10.00 chs. dist., thence N. 60° W.; descend gradually over steep NW. slope.
18.90	Timber becomes dense red pine and aspen, bears NW. and SE.
26.00	Descent becomes abrupt over steep NW. slope and leave dense timber, bears N. 30° W. and S. 60° E.; thence through scattered pinon and juniper, and undergrowth of dense sagebrush and scattered deer brush.
35.90	Descent becomes more gradual over gentle rolling NW. slope, bears N. and S.
40.00	On gentle rolling NW. slope, 260 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S6 / S7 1933
	from which:
	A juniper limb, 8 ins. diam., bears N. 85° W., 141 lks. dist., marked ¼ S6 BT.
	A juniper, 12 ins. diam., bears S. 20° W., 336 lks. dist., marked ¼ S7 BT.
56.70	Timber becomes medium dense pinon and juniper, bears NE. and South; base of mountain, bears NE. and South.
66.60	Spur, 165 ft. below ¼ sec. cor., projects SW.; descend gradual W. slope.
71.30	Old wood road, bears N. 60° E. and S. 60° W.
75.40	On gradual SW. slope, 75 ft. below spur.
	Intersect the W. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 6 and 7, T. 27 S., R. 4 E., with brass cap marked
	T27S R3E S12 | T27S S6 — CC S7 R4E 1933
	from which:
	A pinon, 8 ins. diam., bears N. 38° E., 108 lks. dist., marked T27S R4E S6 CC BT.
	A pinon, 5 ins. diam., bears S. 62° 30' E., 148 lks. dist., marked T27S R4E S7 CC BT.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
	From this cor. the cor. of secs. 1 and 12, T. 27 S., R. 3 E., heretofore described, bears N. 10° 28' E., 7.00 chs. dist.
	Land, broken and mountainous, with general north-western exposure and drainage.
	Soil, shallow clay, black mountain loam, and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.
	Timber, red pine, pinon, juniper, aspen, and balsam.
	Undergrowth, sage and deer brush.
	Good grazing land.

	From the cor. of secs. 5, 6, 7, and 8.
	N. 0° 03' W., on true line bet. secs. 5 and 6.
	Descend abrupt broken NW. slope of broken mountainous land, through dense red pine, scattered balsam and aspen timber, and undergrowth of medium dense deer brush, scattered sagebrush and sunberry.
8.40	Timber becomes scattered red pine at base of abrupt descent, bears E. and W.; descend gradual N. slope, through scattered red pine, and undergrowth of medium dense sage, deer, and yellow top brush.
9.90	Old wagon road, bears E. and W.
16.75	Wash, 35 lks. wide, 15 ft. deep, in bottom of Pole Canyon, 250 ft. below cor., drains N. 75° W.; ascend gradually along E. side of a wide draw from NE.
24.95	Forest Service trail, bears NE. and SW.
28.25	Wash, 50 lks. wide, 15 ft. deep, in draw, 20 ft. above bottom of Pole Canyon, drains S. 25° W.; ascend abrupt broken S. slope, through dense sagebrush, bears N. 25° E. and S. 25° W.
40.00	On steep broken S. slope, 185 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S6 | S5 1933
	from which:
	A juniper, 9 ins. diam., bears S. 84° E., 37 lks. dist., marked ¼ S5 BT.
	A pinon, 10 ins. diam., bears N. 6° W., 121 lks. dist., marked ¼ S6 BT.
46.80	Ascent becomes more gradual over S. slope, bears E. and W.
49.50	Rolling top of spur, 150 ft. above ¼ sec. cor., projects S. 60° W.; also a spur projects N.; thence along general top of spur.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.	
56.90	Leave top of spur, projects NW.; descend abrupt NE. slope.
57.10	Enter medium dense red pine and aspen timber, bears NW. and SE.
66.70	Descent becomes more gradual over broken NE. slope, bears NW. and SE.
71.50	Descent becomes more abrupt over steep NE. slope, bears NW. and SE.
76.95	Draw, 355 ft. below spur, drains N. 60° W.; ascend gradual SW. slope, through scattered red pine, pinon, and yellow pine timber, bears N. 60° W. and S. 60° E.
80.00	On gradual SW. slope, 15 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for cor. of lots 4 and 5, sec. 5, and lots 1 and 8, sec. 6, with brass cap marked

T27S | R4E
L1 | L4
S6 —— S5
L8 | L5

1933

from which:

A yellow pine, 7 ins. diam., bears N. 52° E., 48 lks. dist., marked S5 L4 BT.

A yellow pine, 7 ins. diam., bears S. 69° 30' E., 70 lks. dist., marked S5 L5 BT.

A pinon, 8 ins. diam., bears S. 78° 30' W., 159 lks. dist., marked S6 L8 BT.

A yellow pine, 18 ins. diam., bears N. 76° 15' W., 192 lks. dist., marked S6 L1 BT.

87.28	On top of ridge, 15 ft. above lot cor., bears N. 60° W. and SE.
	Intersect the N. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 5 and 6, T. 27 S., R. 4 E., with brass cap marked

T26S R4E
S32

S6 | S5
T27S | R4E
C | C

1933

from which:

An aspen, 5 ins. diam., bears S. 67° E., 112 lks, dist., marked T27S R4E S5 CC BT.

No other bearing tree available.

From this cor. the cor. of secs. 31 and 32, T. 26 S., R. 4 E., heretofore described, bears N. 89° 46' W., 14.11 chs. dist.

SUBDIVISION OF T. 27 S., R. 4 E.

Chains.

Land, broken and mountainous, with general south-westerly and northerly exposure and drainage.

Soil, shallow gray clay and loose sand, mixed with rock and gravel; 4th rate. Volcanic formation.

Timber, red pine, aspen, balsam, pinon, and yellow pine.

Undergrowth, sage, yellow top, deer, and sunberry brush.

Good grazing land.

GENERAL DESCRIPTION, T. 27 S., R. 4 E.

The land within the boundaries of this township, is all within the boundaries of the Fish Lake National Forest, and consists of the broken and rolling east and west slopes of the Thousand Lake Mountain, which has a general easterly and westerly exposure and drainage.
All of the township is mountainous, with the elevation above sea level ranging from about 7,000 feet along the east and west boundaries, to 11,294.9 feet at the Thousand Lake Mountain Coast and Geodetic Triangulation Station, which is located on top of the Thousand Lake Mountain in the central portion of section 33.
The top of Thousand Lake Mountain consists of a large high plateau, located in the central south portion of the township. This plateau is rimmed with broken volcanic ledges and slide rock, and is covered with scattered groves of dense spruce timber, and under-growth of sunberry and grass.
The land immediately surrounding this plateau consists of volcanic slide rock and ledges, and in most places it is inaccessible to stock.
The formation throughout the township is volcanic, with outcroppings of sandstone in the east and west ranges of sections.
The soil on the high slopes of the mountain and on the dense timbered areas, consists of a shallow black mount in loam and clay, mixed with rock and gravel, and may be classified as 4th rate, while that on the lower slopes and foot hills of the mountain consists of a deep clay and gravel loam, and may be classified as 3rd rate.
The township in general is covered with groves of dense aspen, spruce, balsam, red pine, juniper, and pinon timber. The juniper and pinon timber is found only on the foot hills of the mountain and has no commercial value. A scattered growth of yellow pine timber is found in the southeast portion of the township. A great quantity of the spruce timber in secs. 22 and 27 is suitable for the making of lumber. Nearly all of the timber in the other sections of the township, that has any commercial value, has been removed.
The undergrowth in general throughout the township, consists of a medium dense short growth of grass, weeds, mountain sage, yellow top, deer, service berry, sunberry, and current brush, and mountain juniper, which affords good grazing for stock during the summer months of the year.
Very few streams large enough for irrigation purposes are found in the township, but it has numerous lakes, small intermittent streams, and springs, which affords plenty of water for stock that graze upon the township.
A stream, about 10 lks. wide, and 4 ins. deep, heads in the central south portion of sec. 31, and flows in a easterly direction through the south half of this section

SUBDIVISION OF, T. 27 S., R. 4 E.

Chains. Neff's Reservoir, which is a body of water about 5 acres in area, and about 10 ft. deep, located in N½ SE¼, and S½ NE¼, sec. 20. The water flows in a northwesterly direction from this reservoir, through a natural channel in secs. 19 and 20, and is used for irrigation purposes in the adjacent township to the west.
Polk Creek, which is a small intermittent stream, about 2 lks. wide, 2 ins. deep, heads in the central portion of sec. 15, and flows in a northeasterly direction through secs. 14, 11, and 12.
Big Lake, which is an elongated shallow body of water bearing N. and S., and containing about 12 acres, is located at the position for the ¼ sec. cor. secs. 27 and 34.
Deep Creek Lake, which is an elongated deep body of water, bearing N. and S., and containing about 7½ acres, is located in the S½ NW¼ sec. 27.
Round Lake, which is a deep body of water, with an area of about 3½ acres, is located in the central portion of the N½ of sec. 2.
Numerous other small lakes, seeps, springs, sloughs, and intermittent streams were found throughout the township, most of which are located at the base of the abrupt slopes of the flat top of Thousand Lake Mountain.
The Elk Horn Ranger Station is located in the N½ of sec. 15. The improvements of this station consist of a two room frame cabin, a frame garage, a tool house, and approximately 40 acres of pasture land which is inclosed with a fence. An improved road, which was constructed by the Forest Service, bears in a northerly direction from the ranger station, leaving the township on the north boundary of sec. 3. A one wire telephone line, bears in a northeasterly direction from the ranger station to Jeffery's Ranch, and in a southeasterly direction from the ranger station to the town of Loa, Utah.
Most any portion of the township can be reached by saddle horse over improved trails constructed by the Forest Service.
A sawmill, which was in operation at the time of the survey, is located in the NE¼ NE¼ sec. 19.
An abandoned sawmill is located on the line bet. secs. 3 and 10, at a point, N. 89° 55' W., 4.60 chs. distant from the ¼ sec. cor. secs. 3 and 10.
A metal watering trough, 100 ft. long, erected by the Forest Service, is located in the NW¼ SW¼ sec. 36.
The outlet in the dam of a reservoir, with an area of about 20 acres, is located in the NW¼ NW¼ sec. 1. At the time of the survey, this reservoir was dry and had not been used for the storage of water for several years.
Intermittent ditches were found, draining in a northeasterly direction from Deep Creek Lake, which were used to divert water from the draws to Jeffery's Ranch, which is located in the northwest portion of T. 26 S., R. 5 E.
No settlers were living on the township at the time of the survey, and no portion of it is suitable for farming.
The township in general is suitable for a summer and fall grazing range for stock, and is being used for this purpose under the supervision of the Forest Service.
Neff's Reservoir, Round Lake, and Deep Creek Lake all contain trout.
No indications of coal, oil shale, oil, or mineral were found in the township.

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BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edward Eliason	Chainman
Ethen Torgerson	Chainman
Reed Overson	Chainman
Molen Roper	Chainman
Bert Swain	Chainman
Victor W. Barnes	Flagman
Bird Brown	Flagman
Warren R. Clark	Cornerman
Bish Farley	Axeman
Warren R. Clark	Axeman
Bird Brown	Axeman
Arthur W. Werenski	Axeman
Ross A. Slye	Axeman

0—8704

CERTIFICATE OF UNITED STATES SURVEYOR

I, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pur
of special instructions received from the District Cadastral Engineer for Utah
bearing date of the 8th day of February, 1929, I have well, faithfully, and t
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instr
tions, and the laws of the United States, surveyed all those parts or portions of dependent resurv
of the west boundary and portion of the north boundary, survey of th
east and south boundaries, the subdivision, and portion of the north
boundary, of T. 27 S., R. 4 E.

of the Salt Lake
Meridian, in the State of Utah, which are represented i
the foregoing field notes as having been executed by me, and under my direction; and that all the corners o
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc
tions, and the special written instructions of the District Cadastral Engineer for Utah
and in the specific manner described in the field notes, and that ~~the~~ foregoing are the original field notes o
such survey.

Certified to at:
Salt Lake City, Utah.
November 15, 1934.

Elliot Bird
U. S. Surveyor

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, JAN 29 1935, 19

The foregoing field notes of the survey of T. 27 S., R. 4 E., Salt Lake Meridian,
Utah

executed by Elliot Bird, U.S. Surveyor
under his special instructions dated February 8, 1929, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

Timothy Pinson
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~
~~, has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764

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4—679
(April 1933)

BOOK A-500 "B"

FIELD NOTES

OF THE SURVEY OF THE

INDEPENDENT RESURVEY OF THE FIFTH STANDARD PARALLEL SOUTH THROUGH PORTION OF R. 4 E.; DEPENDENT RESURVEY OF THE WEST BOUNDARY, AND PORTION OF THE SUBDIVISION; AND SURVEY OF A PORTION OF THE SUBDIVISION; COMPLETING THE SURVEY OF T. 26 S., R. 4 E.

Of the SALT LAKE *Meridian,*

n the State of UTAH

EXECUTED BY

Elliot Bird, U. S. Surveyor

And

Edward Eliason, U. S. Transitman

Inder special instructions dated February 8, *19* 29, *which provided or the surveys included under Group No.* 184, *bearing the approval of the Commissioner of the General Land Office under date of* July 18, 1929 *nd assignment instructions dated* July 7, *19* 33 and supplemental assignment instructions dated May 24, 1934, and July 12, 1934.

Survey commenced November 18, *19* 33

Survey completed July 31, *19* 34

U. S. GOVERNMENT PRINTING OFFICE: 1933 6—151

BOOK A-500

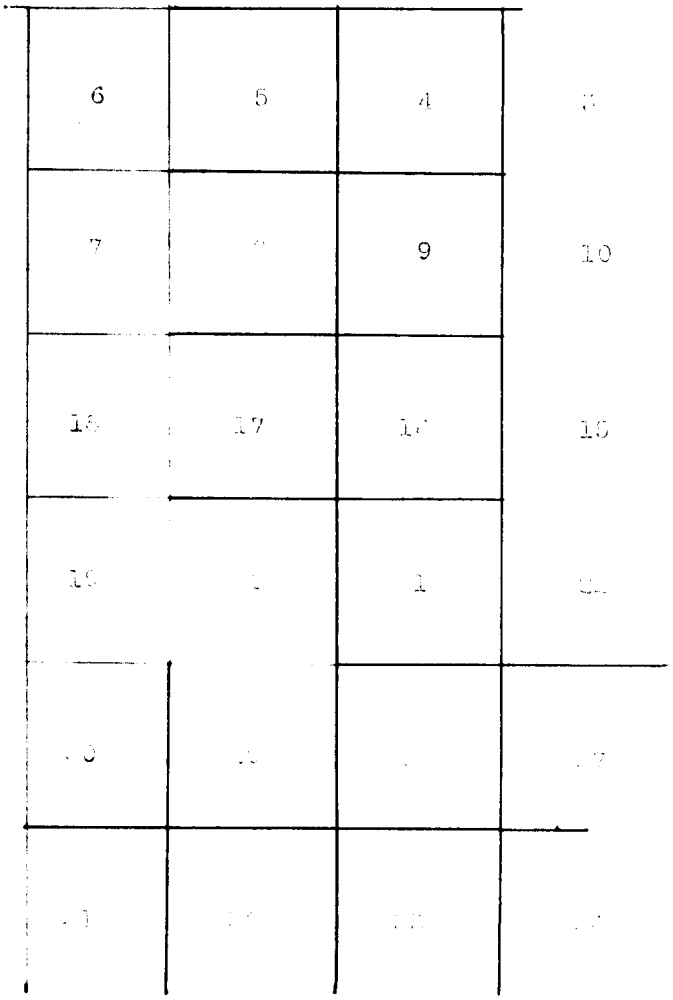
INDEX DIAGRAM.

Township 26 South, *Range* 4 East

	18	16	14			
3	12 6 60	61 5 60	45 4 31 44	22 3	2	1
3	10 7 57	58 8 56	43 9 29 41	22 10	11	12
3	9 18 54	55 17 54	40 16 28 39	21 15	14	13
3	7 19 51	52 20 50	38 21 26 37	22	23	24
2	5 30 48	49 29 47	36 28 24 35	27	26	25
2	4 31	46 32	34 33 22	20 34	35	36

6—151

T. 26 S., R. 4 E.



6	5	4	[illegible]
7	[illegible]	9	10
18	17	1[illegible]	15
19	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

All lines colored black were surveyed by [illegible], U.S. Surveyor.

All lines colored red were surveyed by [illegible], U.S. Transitman.

U. S. GOVERNMENT PRINTING OFFICE: 1932 6—8155

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Page

This survey completing the subdivision of T.26 S., R.4 E., Salt Lake Meridian, Utah, was commenced November 18, 1933, by Elliot Bird, U. S. Surveyor. Work was discontinued November 29, 1933, on account of adverse weather conditions, and resumed July 14, 1934, by Elliot Bird, U. S. Surveyor, and Edward Eliason, U. S. Transitman. The survey was executed with Buff and Buff transit No. 18003, used by Elliot Bird, and Young and Son transits Nos. 8589 and 8581, used by Edward Eliason. The instruments were approved for use on this survey, by the district cadastral engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated July 7, 1933, and supplemental assignment instructions dated May 24, 1934 and July 12, 1934.

Each instrument is equipt with Smith solar attachment and full vertical circle. The horizontal limbs are each provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

All lines of this survey were projected by fore and back sights from meridians determined by hour angle observations made upon Polaris and the solar attachments were not used.

For establishment of a meridian for the commencement of this survey, see the one given on November 15, 1933, at the corner of secs. 33 and 34, T.26 S., R.4 E., in latitude 38°30'N., and longitude 111°28'W., as shown in the official record of the survey of T.27 S., R.4 E., of this group.

July 17, 1934: at the corner of Tps. 26 and 27 S., Rs. 3 and 4 E., Salt Lake Meridian, Utah, in approximate latitude 38°30'N., and longitude 111°31'W., the latitude and longitude computed from the Thousand Lake Mountain Coast and Geodetic Triangulation Station, located on the Thousand Lake Mountain, about one half mile North of the ¼ section corner on the south boundary of section 33, T. 27 S., R.4 E., Salt Lake Meridian, Utah, which gives latitude 38°25'01.853"N., and longitude 111°28'43.252"W.; at 10h 45.9m a.m. by our watches which carry correct 105th meridian time, comparison being made with a Western Union clock at Salina, Utah, July 16, 1934, we make an hour angle observation on Polaris, west of the meridian using instrument No.8581, making four observations, two each with telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 40.00 chains north, in the direction west to Polaris.

Local mean time of observation ----------	10h 19.8m a.m.
Mean horizontal angle from flag pole to Polaris ----------	1° 15.6' W.
Azimuth of Polaris ----------	1° 13.6' W.
True bearing of flag pole ----------	N. 0°02' E.

July 27, 1934: stationed at the original standard ¼ corner section 33, T.25 S., R.4 E., Salt Lake Meridian, Utah, in approximate latitude 38°35'N., and longitude 111°29'W.; at 10h 45.5m a.m. by our watches which carry correct 105th meridian time, comparison being made with a Western Union clock at Salina, Utah, July 25, 1934, we make an hour angle observation on Polaris, west of the meridian, using instrument No.18003, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 30.00 chains north, in the direc-

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8155

tion west to Polaris.

Local mean time of observation ---------- 10h 19.6m a.m.
Mean horizontal angle from flag to
Polaris ---------- 1° 18.2' W.
Azimuth of Polaris ---------- 1° 18.2'
True bearing of flag pole ---------- North

The instruments were kept in good adjustment throughout the progress of the survey, and numerous hour angle observations were taken on Polaris to determine meridians from which the lines of the survey were deflected.

MEASUREMENTS

Unless otherwise specified all measurements were made with Lallie steel ribbon tapes, five chains in length, compared with a Lufkin standard steel tape, one chain in length and found correct. The measurements are made on the slope, the vertical angles determined with two large improved K. and E. clinometers, and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY OF WEST BOUNDARY, T.26 S., R.4 E.

Reestablishment of surveys executed by
Andrew P. Hansen, U. S. Deputy
Surveyor, in 1895.

RANDOM LINES

From the cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., described in the field notes of the survey of T.27 S., R.4 E., this group. I deflect an angle of 2 min. to the W. of the true meridian established by observations on Polaris on July 17, 1934, heretofore described.

Thence

North, bet. secs. 31 and 36.

40.11 Fall 18 lks. W. of the ¼ sec. cor. hereinafter described.

The course of this half mile, therefore is N.0°15'E., and the distance is 40.11 chs.

From the ¼ sec. cor.

North, with continuous measurement.

80.22 Fall 2 lks. E. of the cor. of secs. 25, 30, 31, and 36, hereinafter described.

The course of this half mile, therefore is N.0°02'W., and the distance is 40.11 chs.

North, bet. secs. 25 and 30.

40.19 Fall 15 lks. W. of the ¼ sec. cor. hereinafter described.

The course of this half mile, therefore is N.0°13'E., and the distance is 40.19 chs.

Chains	
	From the ¼ sec. cor.
	North, with continuous measurement.
80.47	Fall 16 lks. W. of the cor. of secs. 19, 24, 25, and 30, hereinafter described.
	The course of this half mile, therefore is N.0°14'E., and the distance is 40.28 chs.
	North, bet. secs. 19 and 24.
40.12	Fall 38 lks. E. of ¼ sec. cor. hereinafter described.
	The course of this half mile, therefore is N.0°33'W., and the distance is 40.12 chs.
	For ¼ sec. cor.
	North, with continuous measurement.
80.39	Fall 7 lks. W. of the cor. of secs. 13, 18, 19, and 24, hereinafter described.
	The course of this half mile, therefore is N.0°06'E., and the distance is 40.27 chs.
	North, bet. secs. 13 and 18.
40.38	Fall 11 lks. E. of ¼ sec. cor. hereinafter described.
	The course of this half mile, therefore is N.0°09'W., and the distance is 40.38 chs.
	From ¼ sec. cor.
	North, with continuous measurement.
80.55	Fall 1 lk. W. of the cor. of secs. 7, 12, 13, and 18, hereinafter described.
	The course of this half mile, therefore is N.0°01'E., and the distance is 40.17 chs.
	North, bet. secs. 7 and 12.
40.17	Fall 1 lk. E. of ¼ sec. cor. hereinafter described.
	The course of this half mile, therefore is N.0°01'W., and the distance is 40.17 chs.
	From ¼ sec. cor.
	North, with continuous measurement.
80.11	Fall 24 lks. W. of the cor. of secs. 1, 6, 7, and 12, hereinafter described.
	The course of this half mile, therefore is N.0°21'E., and the distance is 39.94 chs.
	North, bet. secs. 1 and 6.
40.08	Fall 38 lks. E. of ¼ sec. cor. hereinafter described.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

The course of this half mile, therefore is N.0°33'W., and the distance is 40.08 chs.

From ¼ sec. cor.

North, with continuous measurement.

77.30 Fall 13 lks. W. of closing corner of Tp.26 S., Rs. 3 and 4 E., hereinafter described.

The course of this half mile, therefore is N.0°12'E., and the distance is 37.22 chs.

TRUE LINES

From the cor. of Tps. 26 and 27 S., Rs. 3 and 4 E., which is a 3 in. iron post set, marked and witnessed as described in the official record of the survey of T.27 S R.4 E.

Thence

N.0°15'E., bet. secs. 31 and 36.

Over rolling W. slope of bench land, through dense short undergrowth of sagebrush and yellow top and a few scattered junipers.

13.30 Old wagon road, bears N.80°W. and S.80°E.

16.30 Rolling top of spur, 10 ft. high, projects W.; descend gradual NW. slope.

17.30 Old ditch, 5 lks. wide, 1 ft. deep, drains W., 60 lks. dist., thence S.60°W.

20.80 Old wagon road, bears N.60°E. and S.60°W.

22.90 Old road, bears NE. and SW.

31.00 Draw, 20 ft. below spur, drains N.80°W.; ascend gradual SW. slope.

35.95 Forest Service road, bears S.69°30'E. to Elk Horn Ranger Station, and N.69°30'W. to the Emery and Fremont State Highway, on top of spur, projects N.70°W.; descend gradual NW. slope.

40.11 On gentle NW. slope, 10 ft. below spur.

The original ¼ sec. cor. of secs. 31 and 36, which is a volcanic stone 16x14x7 ins. above ground, firmly set, plainly marked ¼ on W. face, and witnessed by a small mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor. of secs. 31 and 36, with the original cor. monument along side, for the ¼ sec. cor. with brass cap marked

¼

S36 | S31

1933

raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Chains	
	Thence
	N.0°02'W., with continuous measurement..
43.80	Old wagon road, bears N.40°W. and S.40°E.
46.40	North rim of bench, bears N.80°W. and S.80°E.; descend abrupt N. slope.
53.85	Wash, 50 lks. wide, 10 ft. deep, in bottom of Salt Gulch 90 ft. below the ¼ sec. cor., drains N.60°W.; ascend SW. slope.
61.60	Old wagon road, bears N.75°W. and S.75°E., on top of main spur, 45 ft. above gulch, projects N.60°W.; descend gradual NW. slope.
66.00	Old ditch, 5 lks. wide, 10 ins. deep, drains NW. from SE.
69.30	Old wagon road, bears NW. and SE.
80.22	On gentle NW. slope, 40 ft. below spur.
	The cor. of secs. 25, 30, 31, and 36, which is a volcanic stone 15x14x7 ins. above ground, firmly set, plainly marked 1 notch on S. edge, and 5 notches on N. edge and witnessed by a small mound of stone to the west.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with the original cor. monument alongside, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked

T26S

R3E	R4E
S25	S30
S36	S31

1933

raise a mound of stone 2½ ft. base, 2 ft. high to the west.

Land, rolling bench and mountainous, with general westerly and northwesterly exposure and drainage.
Soil, shallow black loam and clay, mixed with rock and gravel; 4th rate; volcanic formation.
Undergrowth, sagebrush and yellow top.
Timber, scattered juniper.
Fair grazing land.

	N.0°13'E., along the E. bdy. of sec. 25.
	Descend gradual N. slope of rolling mountainous land, through dense sagebrush and scattered yellow top.
8.75	Old ditch, 1 ft. deep, 5 lks. wide, drains SW. from NE.
15.10	Graded State Highway, bears N.21°45'E. to Emery, Utah, and S.21°45'W. to Fremont, Utah.
23.60	Old ditch, 5 lks. wide, 12 ins. deep, drains NW. 1.00 ch. dist., from NE., thence S.30°W.

U. S. GOVERNMENT PRINTING OFFICE: 1931 0—8168

Chains

29.80 Old ditch, 5 lks. wide, 18 ins. deep, drains S.70°W. from E.

30.15 Road bears E. and W. to Forsyth Reservoir.

33.70 Old road, bears N.20°E., and S.20°W.

38.10 Wash, 15 lks. wide, 5 ft. deep, drains N.80°W.

39.82 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the witness cor. to the ¼ sec. cor., sec. 30, with brass cap marked

WC
¼ S 30
1933

raise a mound of stone 2½ ft. base, 2 ft. high E. of cor.

39.92 True point for the ¼ sec. cor., sec. 30, midway between the cor. of secs. 25, 30, 31, and 36, and the closing cor. of secs. 19 and 30, falls on S. edge of a wash where it is impracticable to set a permanent monument.

40.05 Wash, 10 lks. wide, 5 ft. deep, in bottom of wide draw, 105 ft. below cor. of secs. 25, 30, 31, and 36, drains W.; ascend gradual S. slope.

40.19 On gradual S. slope, at N. side of wash.

The original ¼ sec. cor. secs. 25 and 30, which is a volcanic stone 13x13x6 ins. above ground, firmly set, plainly marked ¼ on W. face, witnessed by a small mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with original cor. monument alongside, for the ¼ sec. cor., sec. 25, with brass cap marked

¼ S 25
1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

From this cor. a U. S. Coast and Geodetic Survey B. M., which is a brass cap about 4 ins. diam., set in a concrete block about 12x12x10 ins. above the ground, marked T 36, 1934, bears N.50°15'E., 18.33 chs. dist.

Thence

N.0°14'E., with continuous measurement.

53.70 Road, bears E. and S.70°W., on top of main spur, 40 ft. above the ¼ sec. cor., sec. 25, projects S.70°W.; descend gradual NW. slope.

54.10 Road, bears N.70°W. and S.70°E.

61.50 Small draw, 1.50 chs. wide, 30 ft. deep, drains N.70°W.

Chains	
66.40	Old ditch, 6 lks. wide, 2 ft. deep, drains S.40°W. from N.40°E.
67.90	Wash, 20 lks. wide, 4 ft. deep, drains W. 2.00 chs. dist. to Short Creek.
70.29	Old road, bears N.40°E. and S.40°W.
70.90	Small spring, bears W. 3.55 chs. dist., drains E. to Short Creek.
72.30	Short Creek, which is a stream of good water, 4 lks. wide, 4 ins. deep, in bottom of draw, 60 ft. below spur, drains SW.; ascend gradually over grassy swamp on SE. slope.
76.34	Old ditch, 6 lks. wide, 2 ft. deep, drains S.55°W. from N.55°E.; leave swamp and ascend over steep SE. slope, through dense sage and rabbit brush, bears with ditch.
79.84	Closing corner of secs. 19 and 30, T.26 S., R.4 E., subsequently established at this point.
80.47	On gradual SE. slope, 60 ft. above Short Creek.
	The original cor. of secs. 19, 24, 25, and 30, which is a volcanic stone, 16x14x5 ins. above ground, firmly set plainly marked 2 notches on S. edge and 4 notches on N. edge, and witnessed by a small mound of stone to the W.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 24 and 25, T.26 S., R.3 E., with the original cor. monument alongside, with brass cap marked
	T26S R3E | R4E S24 | S19 S25 | 1934
	Land, rolling and mountainous with general westerly exposure and drainage. Soil, deep gray clay loam and loose sand mixed with rock and gravel; 3rd rate, volcanic formation. Undergrowth, sage, yellow top and rabbit brush. Timber, none. Fair grazing land.
	N.0°33'W., along the E. bdy. of sec. 24.
	Ascend gradual SE. slope of rolling mountainous land, through scattered pinon and juniper timber and undergrowth of dense sagebrush and scattered yellow top.
37.00	Top of main spur, 240 ft. above cor., projects S.75°E.; ascend gradually along gentle SE. slope.
39.38	On gentle SE. slope, nearly level with spur.
	Point midway between closing corner of secs. 19 and 30, and secs. 18 and 19, T.26 S., R.4 E.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains

ground for the ¼ sec. cor., sec. 19 only, with brass cap marked

¼ S 19
1934

raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor.

40.12 On gradual E. slope, 5 ft. above spur.

The original ¼ sec. cor. secs. 19 and 24, which is a volcanic stone 12x10x8 ins., loosely set in a small mound of stone, plainly marked ¼ on one face. No accessories.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., sec. 24 only, with original cor. monument alongside, with brass cap marked

¼ S 24
1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Thence

N.0°06'E., with continuous measurement.

45.12 Top of ascent on E. slope, 5 ft. above the ¼ sec. cor., sec. 24, bears E. and W.; descend gradual NE. slope.

49.00 Old wagon road, bears E. and W.

49.25 Draw, 50 ft. below top of ascent, drains E. 2.00 chs. dist., thence N.80°E.; ascend gradual SE. slope.

61.90 Spur, 65 ft. above draw, projects S.55°E.; descend gradual NE. slope.

67.30 Draw, 20 ft. below spur, drains S.70°E.; ascend gradual SE. slope.

77.90 Top of wide spur, 55 ft. above draw, projects S.50°E.; descend gradual NE. slope.

79.39 Closing corner of secs. 18 and 19, T.26 S., R.4 E., subsequently established at this point.

80.39 On gentle NE. slope, 5 ft. below spur.

The original cor. of secs. 13, 18, 19, and 24, which is a volcanic stone 14x14x10 ins. above ground, firmly set, plainly marked 3 notches on N. and S. edges and witnessed by a mound of stone to the W.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with the original cor. monument alongside for the cor. of secs. 13, and 24, T.26 S., R.3 E., only with brass cap marked

Chains	
	T26S R3E | R4E S13 | S18 S24 | 1934 raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous, with general southeasterly exposure and drainage. Soil, black loam and gray clay, mixed with rock and gravel; 4th rate; volcanic formation. Timber, scattered pinon and juniper. Undergrowth, sagebrush and yellow top. Fair grazing land.
	N.0°09'W., along the E. bdy. of sec. 13. Descend gradual NE. slope of rolling mountainous land, through scattered groves of aspen, pinon and juniper timber, and undergrowth of dense sagebrush and yellow top.
8.80	Enter grove of scrub aspen timber, bears N.40°W. and S.30°E.
10.80	Leave aspen, bears N.40°W. and S.40°E.
18.70	Draw, 135 ft. below cor.; lined with aspen timber which bears NW. 1.00 chs. dist. to NW. end, drains SE.; ascend gradually along steep SW. slope.
38.98	On steep SW. slope, 280 ft. above draw. Point midway between closing corner of secs. 18 and 19, and secs. 7 and 18, T.26 S., R.4 E. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., sec. 18 only with brass cap marked | ¼ S 18 1934 raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor.
40.38	On steep SW. slope, 10 ft. above the ¼ sec. cor., sec. 18. The original ¼ sec. cor., secs. 13 and 18; which is a volcanic stone 15x12x6 ins. above ground, firmly set, plainly marked ¼ on W. face, witnessed by a small mound of stone to the W. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with original cor. monument alongside, for the ¼ sec. cor., sec. 13 only, with brass cap marked ¼ S 13 | 1934

Chains	
	raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Thence
	N.0°01'E. with continuous measurement.
55.00	Ridge, 85 ft. above the ¼ sec. cor. of sec. 13, bears N.40°W. and S.30°E.; descend gradual N. slope.
63.80	Head of draw, 10 ft. below ridge, drains E.; ascend gradual SE. slope.
73.40	Bend in same ridge as last, 85 ft. above head of draw, bears N.30°W. and S.30°W., thence along gradual rolling E. slope.
78.96	The closing corner of secs. 7 and 18, T.26 S., R.4 E., subsequently established at this point.
80.55	On gradual E. slope, in head of draw, drains S.70°E. level with top of ridge.
	The original cor. of secs. 7, 12, 13, and 18, which is a volcanic stone, 14x10x8 ins. above ground, firmly set, plainly marked 4 notches on S. and 2 on N. edges, mound of stone around cor. monument.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with cor. monument alongside, for the cor. of secs. 12 and 13, T.26 S., R.3 E. only, with brass cap marked

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      T26S
  R3E |
  S12 | R4E
  ----| S 7
  S13 |
     1934
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	raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Land, rolling and mountainous, with general southeasterly exposure and drainage. Soil, deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered groves of aspen, pinon, and juniper. Undergrowth, sagebrush and yellow top. Fair grazing land.
	N.0°01'W., along the E. bdy. of sec. 12.
	Ascend gradual SE. slope of rolling mountainous land, through scattered aspen, pinon, juniper, yellow pine and scrub mahogany timber and undergrowth of dense sagebrush and yellow top.
3.50	Spur, 25 ft. above cor., projects S.60°E.; ascend gradually along broken SE. slope.
9.20	Top of ascent and enter medium dense mahogany and aspen timber, 15 ft. above spur, bears N.25°W. and S.25°E.; descend gradually over steep NE. slope.
20.00	Leave timber at base of descent, 80 ft. below top of

Chains	
	ascent , bears NW. and SE.; ascend gradually over SE. slope, along W. side of bottom of draw.
38.00	Draw, 20 ft. above base of descend, drains S.30°E.; ascend gradual SW. slope.
38.41	On gradual SW. slope, 30 ft. above draw.
	Point midway between the closing corner of secs. 7 and 18, and secs. 6 and 7, T. 26 S., R. 4 E.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., sec. 7 only, with brass cap marked
	¼ S 7 | 1934
	from which
	An aspen, 5 ins. diam., bears N.89°E., 78 lks. dist., marked ¼ S 7 B T.
	An aspen, 5 ins. diam., bears S.62°30'E., 99 lks. dist., marked ¼ S 7 B T.
40.17	On gradual SW. slope, 35 ft. above draw.
	The original ¼ sec. cor. secs. 7 and 12, which is a volcanic stone 12x7x5 ins. above ground, firmly set, plainly marked ¼ on W. face and witnessed by a scattered mound W.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, with the original corner monument alongside, for the ¼ sec. cor., sec. 12 only, with brass cap marked
	¼ S 12 | 1934
	raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Thence
	N.0°21'E., with continuous measurement.
58.90	Spur, 130 ft. above the ¼ sec. cor., sec. 12, projects S.35°E. from N.70°W.; descend gradual NE. slope.
66.80	Head of draw, 20 ft. below spur, drains E. 5 chs. dist., thence SE.; ascend gradual SE. slope.
76.80	Spur, 95 ft. above head of draw, projects S.60°E.; descend gradual NE. slope.
78.41	Closing corner of secs. 6 and 7, T.26 S., R.4 E., subsequently established at this point.
80.11	On gentle E. slope, in head of draw, drains SE., 5 ft. below spur.
	The original cor. of secs. 1, 6, 7, and 12, which is a volcanic stone 10x6x5 ins. above ground firmly set, plainly marked 1 notch on N., and 5 notches on S. edge , witnessed by a scattered mound of stone W.

Chains

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for the cor. of secs. 1 and 12, T.26 S., R.3 E., only, with brass cap marked

T26S
R3E | R4E
S 1 | S 6
S12 |
1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous, with general southeasterly exposure and drainage.
Soil, deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation.
Timber, scattered aspen, pinon, juniper, mahogany, and yellow pine.
Undergrowth, sagebrush and yellow top.
Fair grazing land.

N.0°33'W., along the E. bdy. of sec. 1.

Ascend gradual SE. slope of rolling mountainous land, through scattered aspen, mahogany, red and yellow pine timber and undergrowth of dense sagebrush and yellow top.

27.50 Top of ascent, 70 ft. above cor., bears E. and W.; descend abrupt NE. slope, through dense aspen and red pine timber.

32.90 Draw, 70 ft. below top of ascent, drains E.; ascend gradual SE. slope, through scattered aspen and mahogany, bears E. and W.

38.30 On gradual SE. slope, 80 ft. above draw.

Northing of 40.00 chs. from closing corner of secs. 6 and 7, T.26 S., R.4 E.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. sec. 6 only, with brass cap marked

¼ S 6
1933

from which

An aspen, 5 ins. diam., bears N.15°25'E., 364 lks. dist., marked ¼ S 6 B T.

A mahogany, 5 ins. diam., bears S.50°30'E., 126 lks. dist., marked ¼ S 6 B T.

40.08 On gradual SE. slope, 95 ft. above draw.

The original ¼ sec. cor. secs. 1 and 6, which is a volcanic stone 15x10x8 ins. above the ground firmly set, plainly marked ¼ on W. face, witnessed by a scattered mound of stone W.

Chains	
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for the ¼ sec. cor. sec. 1 only, with brass cap marked
	¼ S 1 | 1934
	from which
	A mahogany, 6 ins. diam., bears S.51°30'W., 230 lks. dist., marked ¼ S 1 B T.
	A mahogany, 6 ins. diam., bears N.10°30'W., 254 lks. dist., marked ¼ S 1 B T.
	Thence
	N.0°12'E., with continuous measurement.
53.10	Wide spur, 75 ft. above the ¼ sec. cor. of sec. 1, projects E., descend gradual NE. slope.
62.40	Head of draw, 20 ft. below spur, drains S.70°E.; ascend gradual S. slope.
67.40	Enter dense aspen timber, bears E. and W.
70.40	Leave dense aspen and enter scattered aspen and red pine, bears E. and W.
73.40	Head of draw, 20 ft. above last head of draw, drains S. 70°E.; ascend gradual SE. slope.
73.70	Old road, bears N.60°W. and S.60°E.
77.30	On gradual SE. slope, 20 ft. above head of draw.
	The original closing cor. of Tps. 26 S., Rs. 3 and 4 E., which is a volcanic stone 12x8x8 ins. above ground, firmly set, plainly marked with 6 grooves and CC on S. face, and dimly marked 6 notches on E. and W. edges, witnessed by a scattered mound of stone W.
	This cor. now functions for the closing corner of T.26 S., R.3 E., only.
	I mark bearing trees at cor. as follows:
	An aspen, 6 ins. diam., bears S.32°15'E., 313 lks. dist., marked T 26 S R 4 E S 6 C C B T.
	An aspen, 8 ins. diam., bears S.61°W., 218 lks. dist., marked T 26 S R 3 E S 1 C C B T.
	From this cor.; the original standard cor. of Tp.25 S., Rs. 3 and 4 E., hereinafter described, bears S.88°03'W., 4.72 chs. dist.; and the standard cor. of secs. 31 and 32, T.25 S., R.4 E., hereinafter described which is changed to a witness point, bears N.88°03'E., 74.69 chs. dist.
	No trace of the original standard ¼ sec. cor. sec. 31, T.25 S., R.4 E., could be found.
	Land, rolling and mountainous, with general southeasterly exposure and drainage.

Chains	
	Soil, deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen, red pine, mahogany, and yellow pine. Undergrowth, sagebrush and yellow top. Fair grazing land.

INDEPENDENT RESURVEY OF THE 5TH STANDARD PARALLEL SOUTH THROUGH R. 4 E.

Independent resurvey superseding surveys executed by Ferdinand Dickert in 1878 and A. D. Ferron in 1890.

A retracement was made of the 5th Standard Parallel South through R.4 E., along the S. bdy. of secs. 31, 32, and 33. The alinement and distance was found defective and the boundary would not qualify as a governing boundary for surveys in T.25 S., R.4 E., to be executed under group 259, Utah, therefore an independent resurvey is made of this portion of the boundary.

The standard cor. of secs. 33 and 34, T.25 S., R.4 E., is a volcanic stone 27x18x10 ins., firmly set in a mound of stone, plainly marked 3 notches on E. and W. edges and SC on top face, no accessories.

At point for cor.

Set an iron post, 3 ft. long; 2 ins. diam., 27 ins. in the ground with original corner monument alongside, for standard cor. of secs. 33 and 34, T.25 S., R.4 E., with brass cap marked

SC
T25S | R4E
S33 | S34
1933

raise a mound of stone, 3 ft. base, 3 ft. high N. of cor.

Thence

West on random line along the S. bdy. of sec. 33.

38.86 Fall 11 lks. S. of the original standard ¼ sec. cor. sec. 33, hereinafter described.

The course of this line therefore is N.89°50'W.; and the dist. is 38.86 chs.

Thence

From the standard corner of secs. 33 and 34.

N.89°50'W., on true line, along the S. bdy. of sec. 33.

Descend gradual W. slope of rolling mountainous land, through dense sagebrush undergrowth and timber of scattered pinon and juniper.

2.45 Old wagon road, bears N.30°E. and S.30°W.

2.75 Wash, 10 lks. wide, 10 lks. deep, drains N.50°E.

3.85 Old wagon road, bears N.40°E. and S.40°W.

4.30 Wash, 20 lks. wide, 8 ft. deep, in bottom of draw, 30 ft. below standard cor. of secs. 33 and 34, drains N.35°E.; ascend gradual E. slope.

CHAINS	
4.60	Wash, 15 lks. wide, 6 ft. deep, drains NE.
5.10	Closing cor. of secs. 3 and 4, T.26 S., R.4 E., hereinafter described.
5.90	Old stake and rider fence at base of abrupt ascent, bears N.30°E. and S.30°W.; ascend abrupt SE. slope.
25.50	State Highway, bears N.46°30'E. to Emery, Utah, and S. 46°30'W., to Fremont, Utah.
32.60	Divide ridge of Thousand Lake Mountain, 480 ft. above draw, bears N. and S.; descend gradual rolling SW. slope through scattered groves of aspen timber, and undergrowth of medium dense sagebrush, bears with divide.
32.80	From this point a U. S. Coast and Geodetic Survey B.M., which is a brass cap about 5 ins. diam., set in a concrete block about 12x12x10 ins. above ground, bears S. 14.90 chs. dist., marked Q 36, 1934.
38.86	On gradual SW. slope, 50 ft. below divide.
	The original standard ¼ sec. cor. sec. 33, which is a volcanic stone 20x15x8 ins., firmly set in a mound of stone, plainly marked ¼ on N. face, no accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for angle point, with brass cap marked AP SC S33 1933
	Thence
	West, on true line, with continuous measurement.
40.00	On gradual SW. slope, 65 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the standard ¼ sec. cor. sec. 33, with brass cap marked SC ¼ S33 1934
	Deposit a volcanic stone 12x10x8 ins. at base of cor., marked with a cross (X).
50.98	On gradual SW. slope, 120 ft. below angle point.
	Point which is an easting of 40.00 chs. from the point for closing corner of secs. 4 and 5, T.26 S., R.4 E.,
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. sec. 4 only with brass cap marked ¼ S 4 1934

Chains	
	Deposit volcanic stone 10x10x6 ins., at base of post, marked with a cross (X).
54.35	Old wagon road, bears N.25°W. and S.25°E., in bottom of draw, 10 ft. below standard ¼ sec. cor., drains N.30°W.; ascend gradual NE. slope.
60.30	Center of a belt of aspen timber, 50 lks. wide, bears NW. and SE.
61.60	Spur, 25 ft. above draw, projects NW., 5 chs. dist. to end.; descend gradual W. slope.
70.40	Bottom of wide draw, 70 ft. below spur, drains S.30°W.; ascend gradual SE. slope.
78.36	On steep rocky SE. slope, 40 ft. above draw, at E. edge of aspen timber, bears N.30°E. and S.30°W.
	Fall 6 lks. S. of the original standard cor. of secs. 3 and 33, which is a volcanic stone 30x24x6 ins., loosely set in a mound of stone, dimly marked 4 grooves on E., and 6 on N. faces. No accessories.
	I deface the marks on this corner monument.
80.00	On steep rocky SE. slope, 55 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the standard corner of sec. 32 and 33, with brass cap marked

S	C
T25S	R4E
S32	S33

1934

from whic

An aspen, 8 ins. diam., bears N.51°15'E., 90 lks. dist., marked T 25 S R 4 E S 33 S C B T.

An aspen, 8 ins. diam., bears N.76°W., 73 lks. dist., marked T 25 S R 4 E S 32 S C B T.

Land, rolling and mountainous; east 32.80 chs. with general southeasterly exposure and drainage northeasterly; remainder of mile with general southwesterly exposure and drainage.
Soil, deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation.
Timber, aspen, pinon, and juniper.
Undergrowth, sagebrush.
Fair grazing land.

West, along the S. bdy. of sec. 32.

Ascend gradually over rocky SE. slope of rolling mountainous land, through scattered aspen timber, and undergrowth of dense sagebrush.

1.20	Leave aspen timber and enter rolling bench land, bears NE. and SW.; ascend gradual SE. slope of rolling top of bench, through dense sagebrush.
10.98	The closing corner of secs. 4 and 5, T.26 S., R.4 E., subsequently established at this point.

INDEPENDENT RESURVEY OF THE 5TH STANDARD PARALLEL S., THROUGH R.4 E.

Chains	
11.70	Old wagon road, bears N.30°E. and S.30°W.
28.40	West rim of bench and top of ascent, 50 ft. above standard cor. of secs. 32 and 33, bears N.20°E. and S.20°W.; descend gradual NW. slope of bench.
38.36	Find no trace of original standard ¼ sec. cor. sec. 32.
40.00	On gradual NW. slope, 150 ft. below rim of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for the standard ¼ sec. cor. sec. 32, with brass cap marked SC ¼ S 32 1934 Deposit volcanic stone 20x18x15 ins. at base of post, marked with a cross (X).
42.20	Old wagon road, bears NE. and SW.
42.70	Draw, 20 ft. below standard ¼ sec. cor., drains SW.; ascend gradual E. slope.
44.80	Spur, from N.20°E., 10 ft. above draw, projects S. about 3 chs. dist. to end; descend gradual W. slope.
48.00	Old wagon road, bears N. and S.
48.40	Main draw, 15 ft. below spur, drains S.; ascend gradual E. slope.
51.08	On gradual E. slope, 30 ft. above draw.
	Point midway between the closing cors. of secs. 4 and 5, and sec. 5 and 6, T.26 S., R.4 E.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. sec. 5 only, with brass cap marked ¼ S 5 1934 Deposit volcanic stone 18x16x12 ins. at base of post, marked with a cross (X).
54.40	Spur, 5 ft. above the ¼ sec. cor. sec. 5, projects S.20°E. about 10.00 chs. to end.; descend gradual W. slope.
57.90	Draw, 20 ft. below spur, drains S.25°E.; ascend gradual E. slope.
59.90	Old road, bears NW. and SE.
60.95	Draw, 5 ft. above last draw, drains S.65°E.; ascend gradually along N. slope.
73.10	Draw, 60 ft. above last draw, drains NE.; ascend gradual SE. slope.
77.68	From this point the original standard cor. of secs. 31 and 32, bears N. 1 lk. dist., which is a volcanic stone, 10x10x8 ins. firmly set in a mound of stone, plainly marked 5 grooves on E. and 1 groove on W. faces. No

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—3165

INDEPENDENT RESURVEY OF THE 5TH STANDARD PARALLEL S., THROUGH R.

Chains	
	accessories.
	I change this cor. to witness point by adding the marks WP on S. face of the corner monument.
80.00	On gradual SE. slope, 50 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in a mound of stone to top for the standard corner of secs. 31 and 32, with brass cap marked

SC
T25S | R4E
S31 | S32

1934

from which

An aspen, 6 ins. diam., bears N.89°15'W., 103 lks. dist., marked T 25 S R 4 E S 31 S C B T.

No other bearing trees available.

Land, rolling and mountainous, with general southerly and southeasterly exposure and drainage.
Soil, deep gray clay, mixed with rock and gravel; 4th rate; volcanic formation.
Timber, scattered groves of aspen.
Undergrowth, sagebrush.
Fair grazing land.

West, along the S. bdy. of sec. 31.

Ascend gradual SE. slope of rolling mountainous land, through scattered groves of aspen, and undergrowth of dense sagebrush and scattered yellow top.

6.00 Spur, 60 ft. above standard corner of secs. 31 and 32, projects N.70°E.; ascend gradually over rolling NE. slope.

11.18 Point for closing corner of secs. 5 and 6, T.26 S., R. 4 E., hereinafter determined.

36.70 Bare ridge, 120 ft. above spur, bears N.65°W. and S. 65°E.; also road on top of ridge, bears with ridge; descend gradual SW. slope.

37.68 Find no trace of original standard ¼ sec. cor. sec. 31.

40.00 On gradual SW. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the standard ¼ sec. cor. sec. 31, with brass cap marked

SC
¼ S 31

1934

raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.

51.18 On gradual SW. slope, 50 ft. below standard ¼ sec. cor. sec. 31; westing of 40.00 chs. from the closing cor. of

Chains

secs. 5 and 6, T.26 S., R.4 E.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. sec. 6, with brass cap marked

¼ S 6

1934

from which

An aspen, 6 ins. diam., bears S.15°30'E., 303 lks. dist., marked ¼ S 6 B T.

An aspen, 8 ins. diam., bears S.80°15'W., 200 lks. dist., marked ¼ S 6 B T.

53.00 Draw, 5 ft. below ¼ sec. cor. sec. 6, drains S.50°E.; ascend gradual NE. slope, through dense aspen timber, bears N.50°W. and S.50°E.

73.20 Ridge, 190 ft. above draw, bears N.75°W. and S.75°E.; thence along gradual SE. slope.

76.00 The N. edge of a circular pole corral, about 2.50 chs. diam., bears S. 2.70 chs. dist.

77.04 On gradual SE. slope, nearly level with ridge.

Intersect the E. bdy. of T.25 S., R.3 E.

Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for standard closing corner of Tps. 25 and 26 S., R.4 E. with brass cap marked

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        SC
        |  T25S
T25S    |  R4E
        |  S31
R3E     |-------CC
        |  S 6
S36     |  T26S
        1934
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from which

An aspen, 6 ins. diam., bears N.57°E., 13 lks. dist., marked T 25 S R 4 E S 31 C C S C B T.

An aspen, 7 ins. diam., bears S.33°45'E., 43 lks. dist., marked T 26 S R 4 E S 6 C C S C B T.

From this corner the original standard corner of Tps.25 S., Rs. 3 and 4 E., bears S.0°34'W., 2.69 chs. dist., which is a volcanic stone 18x15x12 ins. loosely set in a mound of stone, dimly marked 6 notches on one face. No accessories.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground with the original corner monument alongside for standard corner T.25 S., R.3 E., with brass cap marked

Chains

86

T25S	T26S
R3E	R4E
S36	S 6

1934

from which

An aspen, 5 ins. diam., bears N.66°30'E., 19 lks. dist., marked T 26 S R 4 E S 6 S C B T.

An aspen, 5 ins. diam., bears N.33°30'W., 47 lks. dist., marked T 25 S R 3 E S 36 S C B T.

From the standard closing corner the original ¼ sec. cor secs. 31 and 36, T.25 S., Rs. 3 and 4 E., bears N.0°34'E 37.40 chs. dist., which is a volcanic stone 14x12x10 ins firmly set in a mound of stone, plainly marked ¼ on W. face, witnessed by one bearing tree as follows:

An aspen, 5 ins. diam., bears N.25°15'W., 28 lks. dist., marked ¼ S 36 B T.

I take additional bearing tree to this cor. as follows:

An aspen, 10 ins. diam., bears S.52°W., 28 lks. dist., marked ¼ S 36 B T.

The bearing of the south half mile bet. secs. 31 and 36, T.25 S., Rs. 3 and 4 E., therefore is N.0°34'E. and the distance is 40.09 chs.

Land, rolling and mountainous, with general easterly exposure and drainage.
Soil, deep gray clay, mixed with rock and gravel; 4th rate; volcanic formation.
Timber, aspen.
Undergrowth, sagebrush and yellow top.
Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T.26 S., R.4 E.

Reestablishment of surveys executed by
A. D. Ferron and Adolph Jessen,
U. S. Deputy Surveyors,
in 1892.

RANDOM LINES

From the cor. of secs. 33 and 34, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T.27 S., R.4 E.

North, between secs. 33 and 34.

40.00 Find no trace of the ¼ sec. cor.; continue on same line with continuous measurement making a diligent seach for cors. at intervals of 40.00 chs. and at:

241.92 Fall 3.20 chs. W. of the original corner of secs. 15, 16, 21, and 22, hereinafter described.

From the original ¼ sec. cor. secs. 27 and 34, which is a volcanic stone 18x18x16 ins., firmly set, plainly marked ¼ on N. face; no accessories.

U. S. GOVERNMENT PRINTING OFFICE 1931. 6—8155

DEPENDENT RESURVEY OF SUBDIVISION, T.26 S., R.4 E.

Chains	
	West, between secs. 27 and 34.
40.20	Record distance, find no trace of original corner of secs. 27, 28, 33, and 34.
42.43	Fall 31 lks. N. of a temporary point left 80.00 chs. N. of the cor. of secs. 33 and 34.
	From the original cor. of secs. 22, 23, 26, and 27, which is a stationary volcanic stone 48x48x12 ins. above ground plainly marked with a cross and two grooves N. and E. of the cross on top of cor. stone, witnessed by a mound of stone E. and one bearing tree as follows:
	A spruce, 16 ins. diam., bears S.71°E., 31 lks. dist. upon which I find dim scribe marks.
	West, between secs. 22 and 27.
40.14	Record distance; find no trace of the original ¼ sec. cor. secs. 22 and 27.
	Continue West on same line with continuous measurement.
80.28	Record distance; find no trace of the original cor. of secs. 21, 22, 27, and 28.
81.88	Fall 1.34 chs. N. of the temporary point left 160.00 chs. N. of cor. of secs. 33 and 34.
	I establish the point for the cor. of secs. 27, 28, 33, and 34, at a point 2.22 chs. E. and 64 lks. N. of the 80.00 chs. point from the S., and the point for the cor. of secs. 21, 22, 27, and 28, at a point 1.60 chs. E. and 1.28 chs. N. of the 160.00 chs. point from the S.
	Therefore;
	The course of the line between secs. 33 and 34 is N. 1° 35'E., and the proportionate distance for each half mile is 40.335 chs.
	The course of the W. half mile between secs. 27 and 34, therefore is N.89°32'W., and the distance is 40.20 chs.
	The course of the line between secs. 27 and 28, therefore is N.0°27'W., and the proportionate distance for each half mile is 40.32 chs.
	The course of the line between sec. 22 and 27, therefore is, S.89°58'W., and the proportionate distance for each half mile is 40.14 chs.
	The course of the line between secs. 21 and 22, therefore is N.1°08'E., and the proportionate distance for each half mile is 40.33 chs.
	From the corner of secs. 15, 16, 21, and 22.
	North, between secs. 15 and 16.
39.98	Fall 5 lks. W. of the original ¼ sec. cor. secs. 15 and 16, hereinafter described.
	The course of this half mile therefore is N.0°04'E., and the distance is 39.98 chs.
	From the ¼ sec. cor.
	North, with continuous measurement.
80.13	Fall 7 lks. W. of the original cor. of secs. 9, 10, 15, and 16, hereinafter described.

Chains	
	The course of this half mile therefore is N.0°06'E., a the distance is 40.15 chs.
	From the corner of secs. 9, 10, 15, and 16.
	North between secs. 9 and 10.
40.22	Fall 73 lks. W. of the original ¼ sec. cor. secs. 9 and 10, hereinafter described.
	The course of this half mile therefore is N.1°02'E., a the distance is 40.23 chs.
	From the ¼ sec. cor.
	North, with continuous measurement.
80.13	Fall 93 lks. W. of the original corner of secs. 3, 4, 9 and 10, hereinafter described.
	The course of this half mile therefore is N.1°20'E., a the distance is 39.92 chs.
	From the cor. of secs. 3, 4, 9, and 10.
	North, between secs. 3 and 4.
40.41	Fall 23 lks. W. of the original ¼ sec. cor. secs. 3 and 4, hereinafter described.
	The course of this half mile therefore is N.0°20'E., an the distance is 40.41 chs.
	From the ¼ sec. cor.
	North, with continuous measurement.
80.22	Fall 62 lks. W. of the original closing corner of secs. 3 and 4, T.26 S., R.4 E., hereinafter described.
	The course of this half mile therefore is N.0°53'E., an the distance is 39.81 chs.
	TRUE LINES
	From the corner of secs. 33 and 34, on the S. bdy. of T.26 S., R.4 E., heretofore described in the field notes of T.27 S., R.4 E.
	N.1°35'E., on true line along the W. bdy. of sec. 34.
	Descend gradual NE. slope of rolling mountainous land, through dense aspen and spruce timber and undergrowth of medium dense sage and deer brush.
5.50	Draw, 35 ft. below cor. drains NE.; ascend gradual SE. slope.
8.00	Timber becomes scattered spruce and aspen, bears NE. and SW.
9.70	Divide ridge of Thousand Lake Mountain, 35 ft. above

Chains	
	draw, bears NE. and SW.; descend gradual NW. slope.
15.70	Recross same divide, 50 ft. below last crossing, bears NW. and SE.; descend gradual N. slope.
32.00	Head of draw, 165 ft. below divide, drains NW.; ascend gradual S. slope.
37.00	Spur, 10 ft. above head of draw, projects SW.; descend gradual NE. slope.
40.015	On gradual NE. slope, 30 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. sec. 33 only, with brass cap marked ¼ S 33 | 1934 from which
	An aspen, 10 ins. diam., bears N.38°W., 289 lks. dist., marked ¼ S 33 B T.
	No other bearing trees available.
40.335	Proportionate point, on gradual NE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for reestablished ¼ sec. cor. sec. 34, with brass cap marked | ¼ S 34 1934 raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor.
	No bearing trees available.
44.00	Head of draw, 70 ft. below the ¼ sec. cor. sec. 34, drains NE.; ascend gradual SE. slope.
47.50	Spur, 15 ft. above head of draw, projects NE. about 3.00 chs. to end; descend gradual N. slope.
60.15	Bottom of an elongated basin, 95 ft. below spur, about 2.00 chs. wide, bears SE. about 20 chs. to SE. end and NW. about 5 chs. to NW. end; ascend abrupt S. slope.
61.45	Forest Service road, bears S.60°E. to Elk Horn Ranger Station and N.60°W. to State Highway.
72.45	Spur, 140 ft. above basin, projects W. about 10 chs. to end; from this point a small spring in circular corral, bears S.77°53'W.; for intersecting bearing see line bet. secs. 28 and 33; descend steep N. slope, through dense aspen and spruce timber, bears E. and W.
78.70	Descent becomes more gradual, bears E. and W.
80.03	On gradual N. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 28 and 33, with brass cap marked

Chains	
	T26S | R4E S28 S34 S33 | 1934
	from which
	An aspen, 8 ins. diam., bears S.56°45'W., 24 lks. dist., marked T 26 S R 4 E S 33 B T.
	An aspen, 6 ins. diam., bears N.43°W., 43 lks., marked T 26 S R 4 E S 28 B T.
80.67	Proportionate point, on gradual N. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for reestablished corner of secs. 27 and 34, with brass cap marked
	T26S | R4E S27 S28 | S34 1934
	from which
	An aspen, 11 ins. diam., bears S.7°45'E., 73 lks. dist., marked T 26 S R 4 E S 34 B T.
	No other bearing tree available.
	Land, rolling and mountainous, with general northerly exposure and drainage. Soil, shallow black mountain loam and deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen and spruce. Undergrowth, sage and deer brush. Good grazing land.
	N.0°27'W., along the W. bdy. of sec. 27.
	Descend gradual N. slope of rolling mountainous land, through dense groves of aspen timber, and undergrowth of medium dense sage and deer brush.
3.80	Leave aspen timber, bears NE. and SW.
9.95	Old wagon road, bears NE. to Meek's Lake and SW. to Forest Service road in bottom of wide open draw, 20 ft. below corner, drains SW.; ascend gradual N. slope.
17.50	Enter medium dense groves of aspen timber, bears NE. and SW.
38.20	Ridge, 240 ft. above draw, bears W. and S.60°E.; descend abrupt N. slope, through dense aspen and spruce, bears with ridge.
39.36	On steep N. slope, 25 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. sec. 28, with brass cap marked
	¼ S 28 | 1934

Chains	
	from which
	A spruce, 10 ins. diam., bears S.18°30'W., 14 lks. dist., marked ¼ S 28 B T.
	A spruce, 7 ins. diam., bears N.25°30'W., 32 lks. dist., marked ¼ S 28 B T.
40.32	Proportionate point, on steep N. slope, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for reestablished ¼ sec. cor. sec. 27, with brass cap marked ¼ S 27 1934
	from which
	A spruce, 12 ins. diam., bears N.11°E., 57 lks. dist., marked ¼ S 27 B T.
	No other suitable bearing tree available.
44.00	Draw, 120 ft. below the ¼ sec. cor. sec. 27, drains NE. ascend gradual SE. slope.
49.40	Leave timber at base of abrupt ascent, bears NE. and SW. ascend abrupt SE. slope, through dense sage and deer brush.
53.70	Ridge, 120 ft. above draw, bears E. and W.; descend abrupt N. slope, through dense spruce and red pine and aspen timber.
65.60	Forest Service trail, bears SE. and NW. in bottom of draw, 160 ft. below ridge, drains SE.; ascend gradual broken SW. slope.
70.90	Small draw, 20 ft. deep, drains SE.; timber becomes scattered, bears SE. and NW.
75.50	Top of rise, 30 ft. above trail, bears NW. and SE.; descend gradually over steep broken NE. slope.
79.36	On steep NE. slope, 30 ft. below rise.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 21 and 28, with brass cap marked T26S | R4E S21 | S27 S28 1934
	from which
	A spruce, 12 ins. diam., bears S.80°30'W., 171 lks. dist., marked T 26 S R 4 E S 28 B T.
	An aspen, 5 ins. diam., bears N.48°45'W., 34 lks. dist., marked T 26 S R 4 E S 21 B T.
80.64	Proportionate point, on steep broken NE. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains	
	the ground for reestablished cor. of secs. 22 and 27, with brass cap marked
	T26S | R4E S22 S21 | S27 1934
	from which
	A red pine, 12 ins. diam., bears N.6°E., 164 lks. dist., marked T 26 S R 4 E S 22 B T.
	A red pine, 8 ins. diam., bears S.53°E., 144 lks. dist., marked T 26 S R 4 E S 27 B T.
	Land, rolling and broken mountainous with general southerly exposure and drainage on S. 38.20 chs; remainder of mile with general northeasterly exposure and drainage. Soil, shallow black loam and deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen, red pine and spruce. Undergrowth, sage and deer brush. Good grazing land.
	N.1°08'E., along the W. bdy. of sec. 22.
	Descend gradually over steep NE. slope of broken mountainous land through dense aspen, red pine and spruce timber and undergrowth of medium dense deer and sage brush.
9.70	Timber becomes dense aspen, bears NW. and SE.
17.70	Ridge, 110 ft. below cor., bears NE. and SW.; descend gradual N. slope.
24.30	Draw, 80 ft. below ridge, drains NE.; ascend gradually along broken E. slope.
36.70	Timber, becomes scattered aspen and red pine and slope changes from E. to SE.; ascend gradual SE. slope.
38.73	On gradual SE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top for the ¼ sec. cor. sec. 21, with brass cap marked
	¼ S 21 | 1934
	from which
	An aspen, 5 ins. diam., bears S.68°W., 49 lks. dist., marked ¼ S 21 B T.
	An aspen, 5 ins. diam., bears N.48°45'W., 66 lks. dist., marked ¼ S 21 B T.
40.33	Proportionate point, on gradual SE. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top for reestablished ¼ sec. cor. sec. 22, with brass cap marked

Chains	
	¼ S 22 1934
	from which
	An aspen, 7 ins. diam., bears N.25°45'E., 64 lks. dist., marked ¼ S 22 B T.
	A red pine, 16 ins. diam., bears S.33°30'E., 30 lks. dist., marked ¼ S 22 B T.
43.20	Ridge, 30 ft. above the ¼ sec. cor. sec. 22, bears NW. and SE.; descend abruptly over steep NE. slope, through dense aspen timber, bears with ridge.
57.50	Draw, 100 ft. below ridge, drains NE.; descend gradually along steep broken NE. slope.
73.70	Timber becomes scattered spruce, aspen and balsam, bears NW. and SE.
78.74	On broken NE. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 16 and 21, with brass cap marked
	T26S | R4E S16 | S22 S21 1934
	from which
	A balsam, 10 ins. diam., bears S.79°W., 27 lks. dist., marked T 26 S R 4 E S 21 B T.
	A spruce, 11 ins. diam., bears N.44°W., 290 lks. dist., marked T 26 S R 4 E S 16 B T.
80.66	Proportionate point, on steep broken NE. slope, 155 ft. below draw.
	The original corner of secs. 15, 16, 21, and 22, which is a volcanic stone 18x12x10 ins., firmly set in a mound of stone, plainly marked 3 notches on S. and E. edges; no accessories.
	At point for corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the corner of secs. 15 and 22, with the original corner monument alongside, with brass cap marked
	T26S | R4E S15 S16 | S22 1933
	from which
	A red pine, 12 ins. diam., bears N.68°15'E., 164 lks. dist., marked T 26 S R 4 E S 15 B T.
	An aspen, 3 ins. diam., bears S.32°45'E., 22 lks. dist., marked B T only.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
	Land, broken and mountainous, with general northeasterly exposure and drainage. Soil, deep gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen, spruce, red pine, and balsam. Undergrowth, deer and sage brush. Good grazing land.
	N.0°04'E., along the W. bdy. of sec. 15.
	Descend gradually over steep broken E. slope of broken mountainous land, through scattered aspen, red pine, pinon, juniper and scrub mahogany timber and undergrowth of dense sagebrush, medium dense deer brush and scattered service berry.
15.50	Head of draw, 70 ft. below cor., drains N.70°E.; timber becomes more scattered, bears E. and W.; ascend gradual broken SE. slope.
21.40	Top of ascent, 50 ft. above head of draw, on steep E. slope, bears E. and W.; descend gradually over steep broken E. slope, through dense sagebrush undergrowth, bears E. and W.
38.08	On steep broken E. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. sec. 16, only, with brass cap marked ¼ S 16 | 1933 raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	No bearing trees available.
39.98	On steep broken E. slope, 190 ft. below top of ascent.
	The original ¼ sec. cor. secs. 15 and 16, which is a volcanic stone 15x14x10 ins., firmly set in a mound of stone, plainly marked ¼ on W. face. No accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top with the original corner monument alongside, for the ¼ sec. cor. sec. 15 only, with brass cap marked ¼ S 15 | 1934
	No other accessories available.
	Thence
	N.0°06'E., with continuous measurement.
54.60	Wash, 10 lks. wide, 3 ft. deep, drains N.65°E.
57.80	Enter dense aspen grove, and scattered pinon and juniper timber, bears NE. and SW.

Chains	
58.80	Head of draw, 110 ft. below cor., drains N.70°E.; ascend gradually along broken E. slope.
59.90	Leave aspen timber, bears E. and W.
65.90	Top of ascent, 15 ft. above head of draw, bears N.75°W. and S.75°E.; descend gradual broken NE. slope.
78.08	On gradual broken NE. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 9 and 16, with brass cap marked

T26S | R4E
S 9 | S15
S16 | 1934

from which

A spruce, 25 ins. diam., bears N.18°30'W., 342 lks. dist., marked T 26 S R 4 E S 9 B T.

No other bearing tree available.

80.13	On gradual NE. slope, 60 ft. below top of ascent.
	The original corner of secs. 9, 10, 15, and 16, which is a volcanic stone 12x10x10 ins., firmly set in a mound of stone, plainly marked 4 notches on S. and 3 on E. edges. No accessories.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with the original corner monument alongside for cor. of secs. 10 and 15 only, with brass cap marked

T26S | R4E
S10
S 9 | S15
1934

from which

A spruce, 12 ins. diam., bears N.15°E., 212 lks. dist., marked T 26 S R 4 E S 10 B T.

No other bearing tree available.

Land, broken mountainous with general easterly exposure and drainage.
Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation.
Timber, aspen, red pine, pinon, spruce and mahogany.
Undergrowth, sage, deer and service berry brush.
Good grazing land.

N.1°02'E., along the W. bdy. of sec. 10.

Descend gradual NE. slope of broken mountainous land, through scattered aspen, spruce, pinon and juniper timber and undergrowth of dense sagebrush and scattered service berry and deer brush.

U. S. GOVERNMENT PRINTING OFFICE: 1941 6—8155

Chains	
2.00	Enter dense grove of aspen and spruce timber, bears E. and W.
2.90	A small spring, bears W., 25 lks. dist., in bottom of draw, 30 ft. below cor., drains E.; ascend gradual broken SE. slope.
5.15	Leave dense grove of timber and enter scattered pinon and juniper, bears E. and W.
10.00	Spur, 30 ft. above draw, projects N.75°E.; descend gradually along steep broken E. slope.
28.00	Wash, 10 lks. wide, 4 ft. deep, in draw, 50 ft. below spur, drains N.80°E.; ascend gradual SE. slope.
32.90	Spur, 10 ft. above draw, projects N.75°E.; descend gradual rolling NE. slope.
37.96	On gradual NE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. sec. 9 only, with brass cap marked
	¼ S 9 | 1934.
	from which
	An aspen, 5 ins. diam., bears N.7°45'W., 260 lks., marked ¼ S 9 B T.
	No other bearing tree available.
40.23	On gradual NE. slope, 40 ft. below spur.
	The original ¼ sec. cor. secs. 9 and 10, which is a volcanic stone 15x12x8 ins. above ground, firmly set, plainly marked ¼ on W. face, witnessed by a small mound of stone E., and one bearing tree as follows: A dead aspen, 10 ins. diam., bears N.25°W., 74 lks. dist., upon which I find dim scribe marks.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with the original corner monument alongside for the ¼ sec. cor. sec. 10 only, with brass cap marked
	¼ S 10 | 1934
	from which
	An aspen, 6 ins. diam., bears N.59°30'E., 251 lks. dist., marked ¼ S 10 B T.
	No other bearing tree available.
	Thence
	N.1°20'E., with continuous measurement.
41.15	Stream of good water, 1 lk. wide, 1 in. deep, in draw, 10 ft. below the ¼ sec. cor. sec. 10, drains E.; ascend gradual SE. slope.

Chains	
47.20	Spur, 70 ft. above draw, projects E.; descend gradual NE. slope.
55.80	Draw, 85 ft. below spur, drains E.; ascend gradually over steep SE. slope.
67.30	Broken spur, 120 ft. above draw, projects E.; descend gradual broken NE. slope, leave timber, bears E. and W.
77.97	On gradual broken NE. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 4 and 9 only, with brass cap marked
	T26S | R4E S 4 | S10 S 9 | 1934
	Deposit a volcanic stone 8x8x8 ins. at base of post, marked with a cross (X).
80.15	On gradual broken NE. slope, 60 ft. below spur.
	The original corner of secs. 3, 4, 9, and 10, which is a volcanic stone 12x10x4 ins. above ground, firmly set, plainly marked 5 grooves on S., and 3 on E. faces and witnessed by a small mound of stone.E.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, with the original corner monument alongside and in a mound of stone to top, for the cor. of secs. 3 and 10 only, with brass cap marked
	T26S | R4E S 3 S 4 | S10 1934
	Deposit volcanic stone 8x8x6 ins. at base of post, marked with a cross (X).
	Land, broken and mountainous with general easterly exposure and drainage. Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered spruce, aspen, pinon and juniper. Undergrowth, sage, service berry and deer brush. Good grazing land.
	N.0°20'E., along the W. bdy. of sec. 3.
	Descend gradual NE. slope of broken mountainous land, through undergrowth of dense sagebrush and scattered service berry.
12.15	Draw, 60 ft. below cor., drains E.; ascend gradual SE. slope.
17.10	Spur, 25 ft. above draw, projects E.;descend gradual N. slope.
23.00	Draw, 60 ft. below spur, drains N.70°E.; ascend gradual

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
	S. slope.
24.20	Old wagon road, bears NW. and SE.
26.60	Spur, 10 ft. above draw, projects E. 2.50 chs. dist. to end; descend gradual N. slope.
28.60	Old wagon road, bears NW. and SE.
28.90	Draw, 15 ft. below spur, drains E.; ascend gradual SE. slope.
31.80	Enter medium dense pinon and juniper timber, bears E. and W.
35.75	Spur, 65 ft. above draw, projects E.; descend gradual NE. slope.
37.82	On gradual NE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. sec. 4 only, with brass cap marked
	¼ S 4 | 1934
	from which
	A pinon, 15 ins. diam., bears N.2°50'W., 368 lks. dist., marked ¼ S 4 B T.
	A pinon, 10 ins. diam., bears S.71°03'W., 279 lks. dist., marked ¼ S 4 B T.
39.60	Wash, 20 lks. wide, 10 ft. deep, in draw, 10 ft. below spur, drains S.75°E.; ascend abrupt broken S. slope.
40.41	On steep broken S. slope, 15 ft. above draw.
	The original ¼ sec. cor. secs. 3 and 4, which is a gray sandstone, 10x8x8 ins. above ground, plainly marked ¼ on W. face and witnessed by a small mound of stone E., and one bearing tree as follows: A pinon, 15 ins. diam., bears N.9°15'W., 105 lks. dist., dimly marked ¼ S 4 B T. I deface the marks on this bearing tree.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with the original corner monument alongside for the ¼ sec. cor. sec. 3 only, with brass cap marked
	| ¼ S 3 1934
	from which
	A pinon, 10 ins. diam., bears N.12°E., 145 lks. dist., marked ¼ S 3 B T.
	A pinon, 10 ins. diam., bears S.82°E., 146 lks. dist., marked ¼ S 3 B T.
	Thence
	N.0°53'E., with continuous measurement.

U. S. GOVERNMENT PRINTING OFFICE: 1951 O—6155

Chains	
47.50	Draw, 40 ft. deep, drains S.30°E.
52.60	Head of same draw, 30 ft. deep, drains S.20°W.
56.20	Ridge, 275 ft. above the ¼ sec. cor. sec. 3, bears E. and W.; leave timber and descend gradual N. slope through undergrowth of dense sagebrush, scattered deer and service berry brush, bears E. and W.
57.20	Old stake and rider fence, bears N.60°W. and S.60°E.
66.40	Old wagon road, bears SW., and North; thence along road.
70.40	Leave old road, bears S. and N.20°E., at bend in wash, 20 lks. wide, 15 ft. deep, from S.15°E., drains N.15°E.
77.70	Old wagon road, bears NE. and SW.
78.20	Wash, 15 lks. wide, 5 ft. deep, in bottom of wide draw, 220 ft. below ridge, drains NE.; ascend gradual S. slope.
79.20	Wash, 15 ft. wide, 5 ft. deep, drains NE.
80.22	On gradual S. slope, near bottom of wide draw; intersect the 5th Standard Parallel South, at the original closing cor. of secs. 3 and 4, T.26 S., R.4 E., which is a volcanic stone 14x12x8 ins. above ground, firmly set, plainly marked 3 grooves each on E. and W. faces, 6 grooves on S. face and CC on W. face, and witnessed by a small mound of stone S. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with the original corner monument alongside, for the closing corner of secs. 3 and 4, T.26 S., R.4 E. with brass cap marked T25S R4E S33 S 4 | S 3 T26S | R4E CC 1933 raise a mound of stone, 3 ft. base, 2½ ft. high, S. of cor. From this cor. the standard cor. of secs. 33 and 34, T.25 S., R. 4 E., heretofore described, bears S.89°50'E. 5.10 chains dist. Land, broken and mountainous; S. 56.20 chs. with general easterly exposure and drainage; remainder of mile with general northerly exposure and drainage. Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, pinon and juniper. Undergrowth, sage, deer and service berry brush. Good grazing land.

SUBDIVISION OF PORTION, T. 26 S., R. 4 E.

From the corner of secs. 32 and 33 on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E.

U. S. GOVERNMENT PRINTING OFFICE: 1941 0—8155

Chains

North on a sectional guide meridian, between secs. 32 and 33.

Descend gradual NW. slope of rolling mountainous land, through scattered groves of aspen and scattered pinon and juniper timber, and undergrowth of dense sage and deer brush.

2.50 Draw, 20 ft. below cor. drains W. about 4.00 chs. dist., thence NW.; ascend gradual SW. slope.

12.40 Spur, 15 ft. above draw, projects N.70°W.; descend gradual NW. slope.

28.80 Small stream of good water, 2 lks. wide, 1 in. deep, in fork of Salt Gulch, 250 ft. below spur, drains N.65°W. about 10.00 chs. dist., thence S.50°W.; stream heads at a small spring, S.50°E. about 10.00 chs. dist.; ascend gradual SW. slope, through scattered red pine, pinon, and juniper and undergrowth of dense sage, yellow top and deer brush, bears N.50°W. and S.50°E.

40.00 On gradual SW. slope, 150 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor. secs. 32 and 33, with brass cap marked

¼
S32 | S33
1933

from which

A pinon, 6 ins. diam., bears S.51°45'E., 126 lks. dist., marked ¼ S 33 B T.

A red pine, 14 ins. diam., bears S.86°W., 199 lks. dist., marked ¼ S 32 B T.

41.20 Spur, 20 ft. above cor., projects W. about 5.00 chs. dist., thence SW.; descend abrupt N. slope.

47.70 Stream of good water, 1 lk. wide, 1 in. deep, in bottom of fork of Salt Gulch lined with dense aspen timber, 110 ft. below spur, drains S.80°W.; ascend abrupt S. slope.

48.80 Forest Service road, bears N.80°E. and S.80°W. to Elk Horn Ranger Station to State Highway.

52.50 Spur, 100 ft. above stream, projects SW.; descend gradual NW. slope.

58.70 Draw, 10 ft. below spur, drains SW.; ascend gradual SE. slope.

73.10 Top of steep ascent projects S.30°W.; ascend gradual SE. slope.

80.00 On gradual SE. slope, 310 ft. above draw,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 28, 29, 32, and 33, with brass cap marked

T26S | R4E
S29 | S28
S32 | S33
1933

Chains	
	from which
	An aspen; 6 ins. diam., bears S.18°45'E., 270 lks. dist., marked T 26 S R 4 E S 33 B T.
	No other bearing trees available.
	Land, rolling and mountainous on south 47.70 chs. with general northwesterly exposure and drainage; remainder of mile with general southwesterly exposure and drainage. Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen, pinon, juniper and red pine. Undergrowth, sage, yellow top and deer brush. Good grazing land.
	S.89°46'E., on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
82.28	Intersect the cor. of secs. 28 and 33.
	Thence
	N.89°46'W., on true line between secs. 28 and 33.
	Descend gradual NW. slope of rolling mountainous land, through medium dense aspen timber and undergrowth of scattered sage and deer brush.
9.20	The NW. end of a low spur from S.80°E., 20 ft. high; timber becomes scattered groves of aspen and undergrowth of dense sage, yellow top and deer brush, bears NE. and SW.
12.20	Road, bears N.60°E. to Meek's Lake and S.60°W. to Forest Service road.
17.30	Bottom of wide draw, 75 ft. below cor., drains SE.; ascend gradual E. slope.
26.70	Ascent becomes abrupt over steep E. slope, bears N. and S.
34.10	Main divide ridge of Thousand Lake Mountain, bears SE. and NW., and top of ascent on S. slope of small peak, the top of which bears N., 1.00 chs. dist., 190 ft. above draw; descend gradual SW. slope.
34.48	From this point a small spring in a pole corral, bears S.18°30'E., a circular pole corral, about 5.00 chs. diam., bears S.3°30'E. For intersecting bearing see lines between secs. 28 and 29 and secs. 33 and 34.
42.28	On gradual SW. slope, 120 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 28 / S 33 1933
	from which
	A aspen, 7 ins. diam., bears N.56°15'E., 55 lks. dist., marked ¼ S 28 B T.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
	A aspen, 6 ins. diam., bears S.20°30'E., 33 lks. dist., marked ¼ S 33 B T.
72.00	Draw, 30 ft. below the ¼ sec. cor.; drains S.30°W.; ascend.
80.30	Top of steep ascent, , projects S.30°W.; ascend gradual SE. slope.
82.28	The cor. of secs. 28, 29, 32, and 33, 30 ft. above draw.
	Land, rolling and mountainous E. 34.10 chs. with general southeasterly exposure and drainage, remainder of mile with general southwesterly exposure and drainage. Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered groves of aspen. Undergrowth, sage, yellow top and deer brush. Good grazing land.

North, on a sectional guide meridian between secs. 28 and 29.

Ascend abrupt SE. slope of broken mountainous land, through scattered groves of aspen and scattered pinon and juniper timber, and undergrowth of dense sagebrush.

15.59	A circular pole corral about 5 chs. diam., bears S.43°E. also top of ascent on steep E. slope, 350 ft. above cor. bears E. and W., descend gradually along steep E. slope.
19.60	Draw, 5 ft. below top of ascent, drains SE. about 20 chs. dist., thence S.30°W.; ascend abrupt S. slope.
26.50	Spur, 180 ft. above draw, projects S.60°E.; enter dense aspen timber, bears NW. and SE.; ascend gradually along steep E. slope.
30.50	Draw, 40 ft. above spur, drains SE.; ascend abrupt S. slope.
31.20	Leave aspen timber, bears SE. and NW.
36.50	Enter dense aspen timber and undergrowth of scattered sage and deer brush, bears SW. and N.60°E.
37.13	A deer and stock trail on top of high ridge, 150 ft. above draw, bears N.80°E. and S.50°W.; ascend gradually over steep SW. slope.
40.00	On top of ascent, 20 ft. above ridge, bears E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S29 | S28

1933

from which

An aspen, 5 ins. diam., bears N.59°E., 30 lks. dist., marked ¼ S 28 B T.

An aspen, 5 ins. diam., bears S.74°30'W., 60 lks. dist., marked ¼ S 29 B T.

U. S. GOVERNMENT PRINTING OFFICE: 1937 6—6155

Chains	
	Descend gradual NW. slope.
45.50	Head of draw, 60 ft. below the ¼ sec. cor., drains N. 80°W.; ascend gradually over steep SW. slope.
55.50	Spur, 40 ft. above head of draw, projects N.75°W.; descend gradually over steep NW. slope through dense aspen and spruce timber, bears E. and W.
69.00	Draw, 200 ft. below spur, drains N.60°W.; ascend gradual steep SW. slope.
70.00	Timber becomes scattered spruce and undergrowth of medium dense deer brush and gooseberry, bears N.60°W. and S.60°E.
80.00	On steep SW. slope, 130 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 20, 21, 28, and 29, with brass cap marked

T26S	R4E
S20	S21
S29	S28

1933

from which

A spruce, 16 ins. diam., bears N.46°E., 222 lks. dist., marked T 26 S R 4 E S 21 B T.

No other bearing trees available.

Land, broken and mountainous S. 37.10 chs. with general southerly exposure and drainage; remainder of mile with general northwesterly exposure and drainage.
Soil, deep gray clay mixed with rock and gravel; 4th rate, volcanic formation.
Timber, aspen, spruce, pinon and juniper.
Undergrowth, sage, deer and gooseberry brush.
Good grazing land.

	S.89°46'E., on random line between secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
81.67	Intersect the cor. of secs. 21 and 28.
	Thence
	N.89°46'W., on true line between secs. 21 and 28.
	Ascend abrupt NE. slope of broken mountainous land, through dense aspen, medium dense red pine, spruce and balsam timber and undergrowth of scattered deer brush and mountain juniper.
2.80	Top of ascent, 60 ft. above cor., bears SE. and NW.; descend gradual SW. slope.
11.47	Forest Service trail at base of descent, 35 ft. below top of ascent, bears NW. and SE.; ascend gradual NE. slope through dense aspen, spruce and balsam timber, bears with base of descent.
25.60	Ascent becomes more abrupt and enter dense aspen,

U. S. GOVERNMENT PRINTING OFFICE: 1931 8—8155

Chains	
	scattered spruce and red pine timber on steep SE. slope, bears N. and S.
41.67	On steep SE. slope, 570 ft. above base of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S 21 / S 28 1933 from which
	A spruce, 5 ins. diam., bears S.82°30'W., 107 lks. dist., marked ¼ S 28 B T.
	An aspen, 7 ins. diam., bears N.15°30'W., 16 lks. dist., marked ¼ S 21 B T.
43.10	Ascent becomes more gradual over E. slope through dense spruce, aspen and balsam timber, bears N.15°E. and S.15°W.
59.80	Top of divide ridge of Thousand Lake Mountain, 225 ft. above ¼ sec. cor., bears N.15°W. and S.15°E.; descend abrupt W. slope.
63.80	Descent becomes more gradual over steep N. slope, bears N. and S.
66.45	Forest Service trail, bears N. and S.
78.20	Ridge, 130 ft. below divide, bears N.50°W. and S.50°E.; leave timber and enter medium dense gooseberry, yellow top and deer brush, bears with ridge; descend gradually over steep SW. slope.
81.67	The corner of secs. 20, 21, 28, and 29, 75 ft. below ridge.
	Land, broken and mountainous on E. 59.80 chs. with general easterly exposure and drainage, remainder of mile with general westerly exposure and drainage. Soil, shallow black mountain loam and deep gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, aspen, spruce, balsam and red pine. Undergrowth, deer brush, mountain juniper, gooseberry, and yellow top. Good grazing land.
	North, on a sectional guide meridian between secs. 20 and 21.
	Ascend gradually over steep SW. slope through undergrowth of medium dense deer, currant and yellow top brush.
4.50	Ridge, 20 ft. above cor., bears N.80°W. and S.60°E.; descend abrupt N. slope through dense spruce, red pine, and aspen timber, bears with ridge.
19.70	Draw, 285 ft. below ridge, drains NW.; ascend gradual SW. slope.
32.50	Spur, 40 ft. above draw, projects NW.; descend abrupt NE. slope.

Chains	
40.00	On steep NE. slope, 120 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼
S20 | S21
1934

from which

A red pine, 7 ins. diam., bears N.12°E., 28 lks. dist., marked ¼ S 21 B T.

A spruce, 10 ins. diam., bears N.28°W., 29 lks. dist., marked ¼ S 20 B T.

55.00	Draw, 130 ft. below the ¼ sec. cor., drains S.30°W. about 5.00 chs. dist., thence W.; ascend gradual S. slope.
75.10	Ridge, 175 ft. above draw, bears E. and W.; descend abrupt N. slope.
75.63	A red pine, 18 ins. diam., on line, marked with two notches each on N. and S. sides.
78.80	Draw, 120 ft. below ridge, drains N.25°E.; descend gradually along E. slope.
80.00	On gradual E. slope, level with draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the corner of secs. 16, 17, 20, and 21, with brass cap marked

T26S	R4E
S17	S16
S20	S21

1934

from which

An aspen, 6 ins. diam., bears N.22°E., 40 lks. dist., marked T 26 S R 4 E S 16 B T.

An aspen, 10 ins. diam., bears S.16°45'E., 50 lks. dist., marked T 26 S R 4 E S 21 B T.

An aspen, 6 ins. diam., bears S.64°W., 7 lks. dist., marked T 26 S R 4 E S 20 B T.

A red pine, 7 ins. diam., bears N.51°30'W., 50 lks. dist., marked T 26 S R 4 E S 17 B T.

Land, broken and mountainous with general southwesterly and northwesterly exposure and drainage.
Soil, shallow mountain loam and gray clay mixed with rock and gravel; 3rd rate, volcanic formation.
Timber, spruce, aspen, balsam and red pine.
Undergrowth, deer, yellow top and currant brush.
Good grazing land.

S.89°46'E., on random line between secs. 16 and 21.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains	
40.00	Set temp. ¼ sec. cor.
83.33	Intersect the cor. of secs. 16 and 21.
	Thence
	N.89°46'W., on true line between secs. 16 and 21.
	Ascend gradual E. slope of broken mountainous land, through scattered groves of aspen and scattered spruce, red pine and balsam timber and undergrowth of medium dense sage, deer and service berry brush.
15.50	Spur, 270 ft. above cor., projects S.30°W.; descend gradual W. slope.
20.75	Forest Service trail at base of descent 90 ft. below spur, bears N. and S.; ascend abrupt E. slope.
42.50	Divide ridge of Thousand Lake Mountain, 635 ft. above base of ascent, bears N. and S.20°W.; descend gradual NW. slope.
43.33	On gradual NW. slope, 5 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 16 / S 21. 1934
	raise a mound of stone, 2½ ft. high, 2 ft. base, N. of cor.
	No bearing trees available.
68.90	Head of draw, 230 ft. below the ¼ sec. cor., drains N. 10°E.; ascend gradual NE. slope through dense aspen, balsam and red pine timber.
72.50	Spur, 80 ft. above draw, projects N.; descend gradual NW. slope.
82.10	Draw, 135 ft. below spur, drains N.25°E.; ascend gradual E. slope.
83.33	The cor. of secs. 16, 17, 20, and 21, 40 ft. above draw.
	Land, broken and mountainous on E. 42.50 chs. with general easterly exposure and drainage, remainder of mile with general northwesterly exposure and draws drain northerly. Soil, shallow black mountain loam and gray clay mixed with rock and gravel; 3rd rate, volcanic formation. Timber, aspen, spruce, red pine and balsam. Undergrowth, sage, deer and service berry brush. Good grazing land.

	North, on a sectional guide meridian between secs. 16 and 17.
	Descend abruptly over steep NE. slope, through medium dense aspen, red pine, spruce and balsam and undergrowth of medium dense deer brush and mountain juniper.
18.50	Spur, projects N.; continue abrupt descent along general top of spur.

Chains	
28.60	Draw, 555 ft. below cor., at N. end of spur from S., drains W.; ascend gradual SW. slope.
36.00	Spur, 100 ft. above draw, projects W.; descend abrupt N. slope.
40.00	On steep N. slope, 75 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S17 | S16

1934

from which

A balsam, 8 ins. diam., bears N.84°30'E., 37 lks. dist., marked ¼ S 16 B T.

A balsam, 10 ins. diam., bears N.23°15'W., 86 lks. dist., marked ¼ S 17 B T.

46.70	Draw, 100 ft. below the ¼ sec. cor., drains S.80°W.; ascend gradual S. slope, through scattered groves of dense aspen, bears E. and W.
67.30	Spur, 335 ft. above draw, projects N.30°E.; ascend gradually along E. slope.
73.30	Ridge, 300 ft. above draw, bears E. and W.; descend gradually along general S. slope.
80.00	On gradual W. slope, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 8, 9, 16, and 17, with brass cap marked

T26S S 8	R4E S 9
S17	S16

1934

raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

No bearing trees available.

Land, broken and mountainous with general westerly exposure and drainage.
Soil, shallow gray clay mixed with rock and gravel; 3rd rate, volcanic formation.
Timber, aspen, red pine, spruce, and balsam.
Undergrowth, deer brush and mountain juniper.
Good grazing land.

	S.89°46'E., on random line between secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
83.31	Intersect the corner of secs. 9 and 16.
	Thence

Chains	
	N.89°46'W., on true line between secs. 9 and 16.
	Ascend gradual NE. slope of broken mountainous land through medium dense undergrowth of sage and deer brush.
3.50	Head of small draw, 10 ft. above cor., drains N. about 5.00 chs. dist., thence E.; ascend abrupt broken E. slope
13.00	Top of a dike ridge, 190 ft. above head of draw, bears N. and S.; descend gradual W. slope.
16.70	North end of a basin, about 3.00 chs. wide, bears E. and W., and extending S. about 16.00 chs. dist., 5 ft. below dike ridge; ascend abrupt E. slope.
24.10	Ridge, 175 ft. above basin, bears N. and S.; descend gradual W. slope.
34.70	Forest Service trail at base of descent, 55 ft. below ridge, bears N. and S.; ascend gradual E. slope.
42.31	Ascent becomes abrupt over steep E. slope, through scattered red pine, aspen and mahogany timber, bears N. and S.
43.31	On steep E. slope, 140 ft. above base of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 9 / S 16 1934
	from which
	A red pine, 3 ins. diam., bears N.45°E., 306 lks. dist., marked ¼ S 9 B T.
	A mahogany, 11 ins. diam., bears S.6°W., 186 lks. dist., marked ¼ S 16 B T.
53.30	Divide ridge of Thousand Lake Mountain, 370 ft. above the ¼ sec. cor., bears N. and S.; descend gradual SW. slope, through scattered groves of aspen timber and undergrowth of medium dense sage and yellow top.
58.60	Draw, 5 ft. below divide, drains SW.; enter medium dense aspen grove, bears SW. and NE.; ascend gradual SE. slope.
65.10	Spur, 65 ft. above draw, projects S.30°W.; leave aspen bears S.30°W. and N.30°E.; descend gradually along S. slope.
73.40	Spur, 25 ft. below last spur, projects SW.; descend abrupt W. slope.
83.31	The cor. of secs. 8, 9, 16, and 17, 140 ft. below last spur.

Land, broken and mountainous on E. 53.30 chs. with general easterly exposure and drainage; remainder of mile with general southwesterly exposure and drainage.
Soil, shallow gray clay mixed with rock and gravel; 3rd rate, volcanic formation.
Timber, aspen, red pine and scrub mahogany.
Undergrowth, sage, yellow top and deer brush.
Good grazing land.

Chains	
	North, on a sectional guide meridian, between secs. 8 and 9.
	Ascend gradually over steep SW. slope of broken mountainous land through scattered groves of aspen, spruce, balsam and red pine timber and undergrowth of medium dense sage, yellow top and deer brush.
9.60	Spur, 110 ft. above cor., projects S.70°W.; descend gradual NW. slope.
12.90	A red pine, 24 ins. diam., on line, marked with two notches each on N. and S. sides.
22.36	A spruce, 30 ins. diam., on line, marked with two notches each on N. and S. sides.
40.00	On gradual NW. slope, 230 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼
S 8 | S 9
1934

from which

A spruce, 18 ins. diam., bears N.38°45'E., 305 lks. dist., marked ¼ S 9 B T.

An aspen, 6 ins. diam., bears S.29°15'W., 200 lks. dist., marked ¼ S 8 B T.

62.90	Spur, 30 ft. below the ¼ sec. cor., projects W.; descend gradual NW. slope.
80.00	On gradual NW. slope, 130 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 4, 5, 8, and 9, with brass cap marked

T26S	R4E
S 5	S 4
S 8	S 9

1934

from which

An aspen, 6 ins. diam., bears S.14°30'W., 247 lks. dist., marked T 26 S R 4 E S 8 B T.

An aspen, 5 ins. diam., bears S.4°45'E., 266 lks. dist., marked T 26 S R 4 E S 9 B T.

No other bearing trees available.

Land, broken and mountainous with general northwesterly exposure and drainage.
Soil, deep gray clay mixed with rock and gravel; 3rd rate, volcanic formation.
Timber, aspen, spruce, balsam and red pine.
Undergrowth, sage, yellow top and deer brush.
Good grazing land.

U. S. GOVERNMENT PRINTING OFFICE: 1931 0—8155

Chains	
	S.89°46'E., on random line between secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
84.93	Intersect the cor. of secs. 4 and 9.
	Thence
	N.89°46'W., on true line between secs. 4 and 9.
	Over broken mountainous land through scattered groves of aspen, scattered spruce and red pine timber and undergrowth of dense sage, medium dense deer brush and yellow top.
6.10	Bottom of a small basin, bears N. and S., 10 ft. below cor., ascend gradual E. slope.
15.40	South end of circular basin, about 2.50 chs. diam., 20 ft. deep; ascent becomes abrupt over steep NE. slope, bears N.30°W. and S.30°E.
17.90	Spur, 215 ft. above cor., projects N.60°W.; descend gradual SW. slope.
21.70	Bottom of a small basin, 15 ft. below spur, about 2.00 chs. diam.; ascend gradual E. slope.
24.53	Forest Service trail, bears N. and S.
26.60	Ascent becomes abrupt over steep broken E. slope, bears N.10°E. and S.
37.90	Divide ridge of Thousand Lake Mountain, 535 ft. above last basin, bears N. and S. about 5.00 chs. dist., thence SW.; descend gradual NW. slope.
44.93	On gradual NW. slope, 35 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 4 / S 9 / 1934
	from which
	An aspen, 6 ins. diam., bears N.89°15' W., 386 lks. dist., marked ¼ S 4 B T.
	No other bearing tree available.
47.10	Head of draw, 5 ft. below the ¼ sec. cor., drains N.30°W. about 10.00 chs. dist., thence N.70°W.; ascend gradual NE. slope.
54.10	Spur, 30 ft. above head of draw, projects N.30°W. about 10.00 chs. dist., thence N.70°W.; descend gradual NW. slope.
57.70	Head of draw, 10 ft. deep, drains N. about 5.00 chs. dist., thence NW.
62.90	Spur, 40 ft. below last spur, projects NW. about 10.00 chs. dist. to end; descend gradual NW. slope.
84.93	The cor. of secs. 4, 5, 8, and 9, 270 ft. below spur.

U. S. GOVERNMENT PRINTING OFFICE: 1951 6—8155

Chains	
	Land, broken and mountainous on E. 37.90 chs. with general easterly exposure and drainage, remainder of mile with general northwesterly exposure and drainage. Soil, deep gray clay, mixed with rock and gravel; 3rd rate, volcanic formation. Timber, scattered aspen, spruce and red pine. Undergrowth, sage, yellow top, and deer brush. Good grazing land.
	North, on a sectional guide meridian between secs. 4 and 5.
	Descend gradual NW. slope of rolling mountainous land through undergrowth of dense sage and yellow top and scattered deer brush.
10.00	Draw, 80 ft. below cor., drains W., at base of Thousand Lake Mountain, bears NE. and SW.; descend gradual NW. slope.
26.80	State Highway, bears N.78°30'E. and S.78°30'W.
36.30	Old wagon road, bears NE. and SW.
40.00	On gradual NW. slope, 75 ft. below draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 5 | S 4 1934
	raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
50.60	Forks of an old wagon road, bears E., SW., and N.60°W.
58.00	Draw, 30 ft. below the ¼ sec. cor., drains SW.; ascend gradual SE. slope.
73.60	Enter medium dense grove of aspen timber, bears NE. and SW.
74.30	Leave aspen and enter rolling bench land, bears W. and N.30°E.; thence over gentle SE. slope.
82.07	Intersect the 5th Standard Parallel South.
	On gradual SE. slope, 130 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing corner of secs. 4 and 5, T.26 S., R.4 E., with brass cap marked
	T25S R4E S32 S 5 | S 4 T26S | R4E CC 1934
	Deposit a volcanic stone 10x8x6 ins. at base of post marked with a cross (X).

Chains	
	From this closing corner the standard corner of secs. 3 and 33, T.25 S., R.4 E., heretofore described, bears E. 10.98 chs. dist.
	Land, rolling and mountainous on S. 58.00 chs. with general northwesterly exposure and drainage, remainder of mile with general southeasterly exposure and drainage. Soil, deep gray clay mixed with rock and gravel; 3rd rate, volcanic formation. Timber, scattered aspen groves. Undergrowth, sage, yellow top and deer brush. Fair grazing land.
	From the corner of secs. 31 and 32 on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T.27 S., R.4 E.
	N.0°01'W., between secs. 31 and 32.
	Descend gradually over broken W. slope of broken mountainous land, through scattered pinon, juniper and yello pine timber and undergrowth of dense sagebrush.
11.00	Bend in ridge, 20 ft. below cor., bears N.60°E. and N.60°W. descend abrupt NW. slope.
20.60	Forest Service road, bears N.70°W. to State Highway and to Elk Horn Ranger Station.
27.80	Enter bottom of Salt Gulch, bears N.60°W. and S.60°E.; thence through dense rabbit brush.
28.90	Stream of salty water, 4 lks. wide, 2 ins. deep, in wash 50 lks. wide, 20 ft. deep, in Salt Gulch, 215 ft. below ridge, drains N.70°W.; continue over bottom of gulch.
30.30	Old ditch, 5 lks. wide, 8 ins. deep, drains N.60°W.
31.10	Old wagon road at N. edge of bottom of gulch, bears N.70° and S.70°E.; ascend gradual SW. slope, through scattered pinon and juniper timber, and undergrowth of dense sagebrush and scattered yellow top, bears N.70°W. and S.70°E
35.00	Spur, from E. 50 ft. above Salt Gulch, projects W. 1.00 ch. to end; descend gradual NW. slope.
36.90	Wash, 30 lks. wide, 8 ft. deep, in draw, 20 ft. below spur, drains W.; ascend abrupt S. slope.
40.00	On spur, 60 ft. above draw, projects SW.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S31 | S32

1934

from which

A pinon, 14 ins. diam., bears S.8°15'E., 160 lks. dist., marked ¼ S 32 B T.

A pinon, 10 ins. diam., bears S.41°30'W., 184 lks. dist., marked ¼ S 31 B T.

Chains	
	Ascend gradual SW. slope.
45.00	Top of ascent, bears SW. and NE., 50 ft. above the ¼ sec. cor.; descend gradually along W. slope.
53.10	Draw, 15 ft. below top of ascent, drains W.; descend gradually along W. slope.
54.60	Draw, 10 ft. below last draw, drains S.80°W.; ascend abrupt S. slope.
58.00	Spur, 95 ft. above draw, projects S.30°W.; ascend gradually along SW. slope.
67.50	A steep draw, 100 ft. above spur, drains S.25°W.; ascend abrupt S. slope.
78.00	Saddle in ridge, 120 ft. above draw, bears E. and W.; ascend gradually along W. slope.
80.00	On gradual W. slope, near bottom of saddle.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 29, 30, 31, and 32, with brass cap marked

T26S	R4E
S30	S29
S31	S32

1934

from which

A pinon, 6 ins. diam., bears N.75°30'E. 69 lks. dist., marked T 26 S R 4 E S 29 B T.

A juniper, 6 ins. diam., bears S.10°45'E., 94 lks. dist., marked T 26 S R 4 E S 32 B T.

A juniper, 12 ins. diam., bears S.87°30'W., 204 lks. dist., marked T 26 S R 4 E S 31 B T.

A juniper, 8 ins. diam., bears N.82°45'W., 392 lks. dist., marked T 26 S R 4 E S 30 B T.

Land, broken and mountainous on S. 28.90 chs. with general northwesterly exposure and drainage; remainder of mile with general southwesterly exposure and drainage.
Soil, shallow gray clay, mixed with rock and gravel; 4th rate, volcanic formation.
Timber, pinon, juniper and yellow pine.
Undergrowth, sage and yellow top brush.
Fair grazing land.

	S.89°46'E., on random line between secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 28, 29, 32, and 33.

Thence

N.89°48'W., on true line between secs. 29 and 32.

Ascend gradually over steep SE. slope of broken mountainous land, through scattered groves of aspen and scattered pinon and juniper timber and undergrowth of dense sagebrush and yellow top.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—6155

Chains	
5.00	Top of ascent, 30 ft. above cor., bears N. and S.; descend gradually over steep SW. slope.
18.60	Draw, 240 ft. below top of ascent, drains S.40°W.; ascend gradual SE. slope.
21.00	Top of ascent, 10 ft. above draw, bears N.50°E. and S. 30°W.; descend gradually along steep S. slope.
40.00	On steep S. slope, 130 ft. below top of ascent, in bottom of wide draw, heads N.10°E. about 15.00 chs. dist. and drains S.10°W. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S 29 / S 32 1934 from which A pinon, 6 ins. diam., bears N.85°45'E., 370 lks. dist., marked ¼ S 29 B T. A juniper, 10 ins. diam., bears S.30°30'E., 419 lks. dist., marked ¼ S 32 B T.
49.00	Spur, 40 ft. above the ¼ sec. cor., projects S.15°E.; descend gradual SW. slope.
53.00	Draw, 10 ft. below spur, drains S.; ascend gradual SE. slope.
56.40	Spur, 40 ft. above draw, projects S.; descend abrupt SW. slope.
63.30	Draw, 90 ft. below spur, drains S.40°W.; ascend gradual SE. slope.
65.50	Top of ascent, 15 ft. above draw, bears N.30°E. and S. 30°W.; descend gradual SW. slope.
73.50	Ridge, 170 ft. below top of ascent, bears S.30°W. and N.30°E.; descend abrupt SW. slope.
80.00	The corner of secs. 29, 30, 31, and 32, 110 ft. below ridge. Land, broken and mountainous with general southwesterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered aspen, pinon and juniper. Undergrowth, sagebrush and yellow top. Good grazing land.

	N.89°46'W., on random line between secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
61.30	Intersect the W. bdy. of the township, 11 lks. S. of the cor. of secs. 25, 30, 31, and 36, heretofore described.
	Thence
	S.89°40'E., on true line bet. secs. 30 and 31.

SUBDIVISION OF T.26 S., R.4 E.

Chains	
	Descend gradual NE. slope of rolling land through dense sagebrush and yellow top undergrowth.
5.00	Small draw, 15 ft. below cor., drains N.30°W.; ascend gradual W. slope.
8.10	Old wagon road, bears N.20°W. and S.20°E.
21.30	On gradual W. slope, 90 ft. above draw at base of mountain, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S 30 / S 31 1934 from which A pinon, 4 ins. diam., bears N.30°30'E., 191 lks. dist., marked ¼ S 30 B T. A pinon, 12 ins. diam., bears S.65°15'E., 375 lks. dist., marked ¼ S 31 B T.
	Ascend abrupt W. slope of mountain through medium dense pinon and juniper, bears N. and S.
49.40	Spur, 630 ft. above the ¼ sec. cor., projects N.60°W.; ascend gradually along steep N. slope.
56.10	Top of ascent on N. slope, 30 ft. above spur, bears N. and S.; descend gradual E. slope.
61.30	The corner of secs. 29, 30, 31, and 32, 50 ft. below top of ascent.
	Land, rolling and broken with a general northwesterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, pinon and juniper. Undergrowth, sagebrush and yellow top. Fair grazing land.
	N.0°01'W., between secs. 29 and 30
	Ascend gradual SW. slope of broken mountainous land, through scattered aspen, pinon, spruce and juniper timber and undergrowth of medium dense sage and yellow top.
9.00	Spur, 75 ft. above corner, projects N.60°W.; descend gradual NW. slope.
24.30	Draw, 95 ft. below spur, drains W.; ascend gradual SW. slope.
38.40	Steep spur, 110 ft. above draw, projects NW.; descend abrupt N. slope.
40.00	On steep N. slope, 65 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

Chains

S30	S29

1934

from which

A spruce, 10 ins. diam., bears N.49°E., 30 lks. dist., marked ¼ S 29 B T.

A spruce, 18 ins. diam., bears N.79°45'W., 49 lks. dist., marked ¼ S 30 B T.

42.70 Draw, 75 ft. below the ¼ sec. cor., drains W. about 8.00 chs. dist., thence NW.; descend gradually along W. slope.

62.50 Spur, 105 ft. below draw, projects W. about 18.00 chs. to end, descend abrupt NW. slope.

67.10 Draw, 110 ft. below spur, drains W.; a small spring in draw, bears E. about 4.00 chs. dist.; ascend abrupt SW. slope.

80.00 On steep SW. slope, 280 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 19, 20, 29, and 30, with brass cap marked

T26S S19	R4E S20
S30	S29

1934

from which

A mahogany, 12 ins. diam., bears S.46°E., 29 lks. dist., marked T 26 S R 4 E S 29 B T.

A pinon, 10 ins. diam., bears S.51°45'W., 27 lks. dist., marked T 26 S R 4 E S 30 B T.

No other bearing trees available.

Land, broken and mountainous with general westerly exposure and drainage.
Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation.
Timber, spruce, aspen, pinon and juniper.
Undergrowth, sagebrush and yellow top.
Good grazing land.

S.89°48'E., on random line between secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect the cor. of secs. 20, 21, 28, and 29.

Thence

N.89°48'W., on true line between secs. 20 and 29.

Descend abrupt SW. slope of broken mountainous land, through scattered groves of aspen, spruce and pinon timber and undergrowth of medium dense sage, deer, yellow top and currant brush.

Chains	
19.35	Bend in draw, 350 ft. below cor., drains S.60°W., from S.60°E.; ascend gradual SE. slope.
23.80	Spur, 75 ft. above draw, projects S. about 6.00 chs. to end; descend abrupt SW. slope.
27.10	Base of descent, 95 ft. below spur, bears N. and S.; ascend along broken SE. slope.
31.00	Spur, 40 ft. above base of descent, projects S.10°W. about 7.00 chs. dist. to end; descend abrupt W. slope.
32.50	Top of main ridge, 35 ft. below spur, bears N.80°E. and W.; descend abruptly along general top of ridge.
40.02	On steep W. slope on general top of ridge, 280 ft. below point of entrance on ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 20 / S 29 1934
	from which
	A spruce, 6 ins. diam., bears S.37°W., 7 lks. dist., marked ¼ S 29 B T.
	A spruce, 10 ins. diam., bears N.34°W., 33 lks. dist., marked ¼ S 20 B T.
46.00	Saddle in ridge, 75 ft. below the ¼ sec. cor.; ascend gradual E. slope.
53.00	Top of high peak on main ridge, 75 ft. above saddle; descend abrupt broken W. slope, along general top of ridge.
66.30	Leave top of ridge, 185 ft. below peak, bears E. and N.85°W.; descend abrupt SW. slope.
80.04	The corner of secs. 19, 20, 29, and 30, 295 ft. below point of leaving ridge.
	Land, broken and mountainous with general westerly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, spruce, aspen and pinon. Undergrowth, sage, yellow top, deer and currant brush. Good grazing land.
	N.89°40'W., on true line between secs. 19 and 30.
	Descend gradual W. slope of broken mountainous land, through scattered pinon, juniper and mahogany timber and undergrowth of medium dense sagebrush and yellow top.
0.70	Ridge, 5 ft. below cor., bears SW. and N.85°E.; descend abrupt W. slope.
16.30	Leave timber at base of mountain, bears N.20°E. and S.20°W.; descend gradual rolling NW. slope, through dense sagebrush and yellow top.

Chains

33.30 Draw, 630 ft. below ridge, drains N.60°W.; descend gradual NW. slope.

34.30 State Highway, bears N.44°15'E. and S.22°15'W.

40.00 On gradual NW. slope, 30 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼ S 19 / S 30
1934

raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

50.40 Old ditch, 5 lks. wide, 18 ins. deep, drains S.20°W. from N.20°E.

57.00 Old wagon road, bears N.25°E. and S.25°W.

57.35 Short Creek, which is a stream of good water, 5 lks. wide 3 ins. deep, in draw, 120 ft. below the ¼ sec. cor., drains S.25°W.; ascend gradual E. slope.

60.95 Intersect the W. bdy. of the township.

On gradual E. slope, 30 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock with mound of stone to top, for the closing corner of secs. 19 and 30, with brass cap marked

T26S S25 R3E | T26S S19 / S30 R4E — CC
1934

Deposit volcanic stone 10x8x6 at base of post, marked with a cross (X).

From this closing corner the cor. of secs. 24 and 25, T.26 S., R.3 E., bears N.0°14'E., 0.63 chs. dist.

Land, broken and mountainous with general westerly exposure and drainage on west portion of mile; rolling and mountainous with general northwesterly exposure and drainage on E. portion.
Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation.
Timber, scattered pinon, juniper and mahogany.
Undergrowth, sagebrush and yellow top.
Fair grazing land.

From the cor. of secs. 19, 20, 29, and 30.

N.0°01'W., between secs. 19 and 20.

Ascend gradual S. slope of broken mountainous land, through scattered groves of pinon, juniper and mahogany timber and undergrowth of medium dense sagebrush and yellow top.

SUBDIVISION OF PORTION, T.27 S., R.4 E.

Chains	
0.60	Ridge, 5 ft. above cor., bears S.85°W. and N.84°E.; descend abrupt NW. slope.
24.90	Base of steep NW. slope of mountain, bears N.20°E. and S.20°W.; descend gradual NW. slope, through dense sagebrush and scattered yellow top; leave timber bears with base of descent.
38.60	Smoke stack at W. side of a stock dipping corral, bears N.87°30'W.
40.00	On gradual NW. slope, 470 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S19 | S20 1934
	raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
	From this cor. the S. end of a metal water trough, 150 ft. long, erected by the Forest Service, bears N.70°26'E. 29.14 chs. dist.
	From this cor. Deer Spring, which is a stream of good water, 1 lk. wide, 1 in. deep, drains S.80°W., bears N.68°14'E.; 37.10 chs. dist.
45.60	Draw, 30 ft. below the ¼ sec. cor., drains SW.; thence along rolling W. slope.
46.50	Old wagon road, bears NE. and SW.
66.30	Main draw, 20 ft. deep, drains SW.; ascend gradual SE. slope.
80.00	On general top of spur, 150 ft. above draw, projects S.60°W.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 17, 18, 19, and 20, with brass cap marked
	T26S | R4E S18 | S17 S19 | S20 1934
	Deposit a volcanic stone 12x8x8 ins. at base of post, marked with a cross (X).
	From this cor. the smoke stack at W. side of a stock dipping corral, bears S.12°07'W.
	Land, broken and mountainous with general northwesterly exposure and drainage on S. portion of mile; rolling and mountainous with general westerly exposure and drainage on N. portion. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, pinon, juniper and mahogany. Undergrowth, sagebrush and yellow top. Fair grazing land.

U. S. GOVERNMENT PRINTING OFFICE 1921 6—8185

Chains	
	S.89°48'E., on random line between secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 7 lks. S. of cor. of secs. 16, 17, 20, and 21.
	Thence
	N.89°51'W., on true line between 17 and 20.
	Ascend gradual NE. slope of broken mountainous land, through scattered groves of aspen, balsam, red pine and spruce timber and undergrowth of medium dense deer brush and mountain juniper.
3.30	Spur, 60 ft. above cor., projects N.10°E.; descend abrupt NW. slope.
24.40	Draw, 500 ft. below spur, drains N. about 5.00 chs. dist thence NW.; ascend gradual E. slope.
29.30	Spur, 40 ft. above draw, projects N.30°W.; descend gradual NW. slope.
40.01	On gradual NW. slope, 250 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 17 / S 20 1934
	from which
	An aspen, 4 ins. diam., bears N.62°15'W., 139 lks. dist., marked ¼ S 17 B T.
	An aspen, 4 ins. diam., bears S.83°W., 111 lks. dist., marked ¼ S 20 B T.
69.00	Draw, at base of mountain, bears NE. and SW. 585 ft. below the ¼ sec. cor., drains SW.; ascend gradual SE. slope, through dense sagebrush and yellow top.
80.02	The cor. of secs. 17, 18, 19, and 20, 50 ft. above draw.
	Land, broken and mountainous with general northwesterly exposure and drainage on E. 69.00 chs., remainder of mile rolling land with southeasterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 3rd rate, volcanic formation. Timber, aspen, balsam, red pine and spruce. Undergrowth, deer, sage, yellow top and mountain juniper. Good grazing land.
	N.89°40'W., on true line between secs. 18 and 19.
	Descend gradual W. slope of rolling mountainous land, through scattered groves of aspen, pinon and juniper timber and undergrowth of dense sagebrush and yellow top.
11.00	State Highway, bears S.10°15'W. and N.18°E.
21.20	Draw, 155 ft. below cor., drains SW.; ascend gradual SE. slope.

Chains	
32.80	Spur, 45 ft. above draw, projects SW.; descend gradual NW. slope.
40.00	At top of abrupt descent on W. slope, 30 ft. below spur, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked ¼ S 18 / S 19 1934 Deposit a volcanic stone 18x12x10 ins. along side of post marked with a cross (X). Descend abrupt W. slope.
48.10	Main draw, 190 ft. below the ¼ sec. cor., drains S.40°W. 2.00 chs. dist. thence S.; ascend abrupt NE. slope.
59.40	Ascent becomes more gradual over gentle E. slope, bears N.20°W. and S.20°E.
61.25	Intersect the W. bdy. of the township, on gradual E. slope 235 ft. above draw. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the closing corner of secs. 18 and 19, with brass cap marked T26S S18 / T26S S24 R3E — CC — S19 R4E 1934 raise a mound of stone, 2½ ft. base, 1½ ft. high, E. of cor. From this cor. the cor. of secs. 13 and 24, T.26 S., R.3 E., bears N.0°06'E., 1.00 chs. dist. Land, rolling and mountainous on E. 48.10 chs. with general westerly exposure and drainage; remainder of distance with general easterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered groves of aspen, pinon and juniper. Undergrowth, sagebrush and yellow top. Fair grazing land.
	From the cor. of secs. 17, 18, 19, and 20. N.0°01'W., between secs. 17 and 18. Descend gradual NW. slope of rolling mountainous land, through scattered groves of aspen, scattered juniper and red pine timber and undergrowth of dense sagebrush and yellow top.
13.90	Draw, 25 ft. below cor., drains S.80°W.; ascend gradual SW. slope.
24.50	Rolling top of spur, 45 ft. above draw, projects W.; descend gradual NW. slope.

Chains	
30.40	State Highway, bears N.61°E. and S.61°W.
31.10	Draw, 40 ft. below spur, drains W.; ascend gradual rolling SW. slope.
33.15	State Highway, bears N.60°W. and S.60°E.
40.00	On gradual SW. slope, 60 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked
	¼ S18 | S17 1934
	Deposit a volcanic stone 15x10x6 ins. alongside of post, marked with a cross (X).
	No bearing trees available.
43.00	Spur, 10 ft. above the ¼ sec. cor., projects W.; descend gradual NW. slope.
48.00	State Highway, bears N.45°E. and S.45°W.
57.00	Draw, 10 ft. below spur, drains W.; ascend gradual SW. slope.
70.00	Top of a wide spur, 25 ft. above draw, projects W.; descend gradual NW. slope.
78.30	Draw, 25 ft. below spur, drains W.; ascend gradual SW. slope.
80.00	On gradual SW. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the cor. of secs. 7, 8, 17, and 18, with brass cap marked
	T26S | R4E S 7 | S 8 S18 | S17 1934
	Deposit a volcanic stone 16x10x8 ins. at base of post, marked with a cross (X).
	Land, rolling mountainous with general westerly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered aspen, red pine and juniper. Undergrowth, sagebrush and yellow top. Fair grazing land.
	S.89°51'E., on random line between secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect N. and S. line, 3 lks. N. of cor. of secs. 8, 9, 16, and 17.

Chains	
	Thence
	N.89°50'W., on true line between secs. 8 and 17.
	Descend gradual W. slope of rolling mountainous land, through scattered groves of aspen timber and undergrowth of dense sagebrush and yellow top.
24.00	Draw, 250 ft. below cor., drains NE.; descend gradually along NW. slope.
32.00	Spur, 75 ft. below draw, projects N.30°W.; descend gradual W. slope, leave timber N.30°W. and S.30°E.
40.08	On gradual W. slope, 100 ft. below spur, at base of mountain, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. diam., 2½ ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S 8 / S 17 1934
	Deposit a volcanic stone 8x6x4 ins. at base of post, marked with a cross (X).
	No other accessories available.
65.40	State Highway, bears N.25°45'E. and S.23°01'W.
70.00	Old wagon road, bears N. and S.
80.16	The cor. of secs. 7, 8, 17, and 18, 185 ft. below the ¼ sec. cor.
	Land, rolling and mountainous with general westerly exposure and drainage. Soil, shallow gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered groves of aspen. Undergrowth, sagebrush and yellow top. Fair grazing land.
	N.89°40'W., on true line between secs. 7 and 18.
	Descend gradual SW. slope of rolling mountainous land, through scattered groves of aspen, pinon, juniper and red pine timber and undergrowth of dense sagebrush and scattered yellow top.
7.80	Draw, heads NE. about 5 chs. dist., drains SW.; ascend gradual SE. slope.
16.00	Spur, 10 ft. above draw, projects SW.; descend gradual SW. slope.
21.00	Descent becomes abrupt over steep W. slope, bears N.20°E. and S.20°W.
22.30	Main draw, 140 ft. below spur, drains S.40°E. about 1.00 chs. dist., thence S.; junction of draw from NW., bears N. about 3.00 chs. dist.; ascend abrupt E. slope.
35.00	South end of aspen grove, about 6.00 chs. long N. and S., and 2.00 chs. wide, bears E. and W.

Chains	
40.00	On steep E. slope, 160 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the ¼ sec. cor., with brass cap marked
	¼ S 7 / S 18 1934
	from which
	An aspen, 4 ins. diam., bears S.73°30'E., 199 lks. dist., marked ¼ S 18 B T.
	An aspen, 5 ins. diam., bears N.3°45'W., 70 lks. dist., marked ¼ S 7 B T.
47.00	Ascent becomes more gradual over gentle E. slope, bears N.40°W. and S.20°E.
52.00	Spur, 95 ft. above the ¼ sec. cor., projects SE.; ascend gradual SE. slope.
57.50	Small draw, 10 ft. above spur, drains SE.; ascend gradual E. slope.
61.21	Intersect the W. bdy. of the township.
	On gentle E. slope, 25 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the closing corner of secs. 7 and 18, with brass cap marked
	T26S R3E S13 | T26S S 7 —CC S18 R4E 1934
	raise a mound of stone, 2½ ft. base, 1½ ft. high, E. of cor.
	No bearing trees available.
	From this cor. the cor. of secs. 12 and 13, T.26 S., R. 3 E., bears N.0°01'E., 1.59 chs. dist.
	Land, rolling and mountainous on E. 22.30 chs. with general westerly exposure and drainage, remainder of distance with general easterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered aspen, pinon, juniper and red pine. Undergrowth, sagebrush and yellow top. Fair grazing land.

From the cor. of secs. 7, 8, 17, and 18.

N.0°01'W., between secs. 7 and 8.

Ascend gradual SW. slope of rolling mountainous land, through scattered groves of aspen timber and undergrowth of dense sagebrush and yellow top.

SUBDIVISION OF PORTION, T.26 S., R.4 E.

Chains	
1.90	Rocky spur, 15 ft. above cor., projects W. 3.00 chs. distance to end; thence along gentle W. slope.
16.80	Wide spur, nearly level with last spur, projects SW.; descend gradual NW. slope.
22.45	Old wagon road, bears N.30°W. and S.30°E.
33.70	Draw, 75 ft. below spur, drains N.74°W.; ascend gradual rocky SW. slope.
38.30	Spur, 40 ft. above draw, projects W.; descend gradual NW. slope.
40.00	On gradual NW. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 7 | S 8 1934
	raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
	No bearing trees available.
45.10	Draw, 30 ft. below the ¼ sec. cor., drains W. about 1.00 chs. distance to main draw, drains S.25°W.; descend gradually along W. slope.
53.50	Main draw, 20 ft. below last draw, from N., drains S.25° W.; ascend gradually along general bottom of draw.
69.50	Leave draw, drains from N.50°E.; ascend gradual rolling SE. slope.
78.40	Spur, 45 ft. above point of entering bottom of draw, projects E.; descend gradual NE. slope.
80.00	On gradual NE. slope, 5 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked
	T26S | R4E S 6 | S 5 S 7 | S 8 1934
	raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
	No bearing trees available.
	Land, rolling and mountainous on S. 69.60 chs. with general southwesterly exposure and drainage, remainder of mile with general southeasterly exposure and drainage. Soil, shallow gray clay, mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered groves of aspen. Undergrowth, sagebrush and yellow top. Fair grazing land.

U. S. GOVERNMENT PRINTING OFFICE 1906 6—8155

Chains	
	S.89°50'E., on random line between secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line, 3 lks. S. of cor. of secs. 4, 5, 8, and 9.
	Thence
	N.89°51'W., on true line between secs. 5 and 8.
	Descend gradual NW. slope of rolling mountainous land, through scattered groves of aspen timber and undergrowth of medium dense sagebrush and yellow top.
7.00	Enter medium dense aspen grove, bears N.70°W. and S.70°E.
9.50	Base of Thousand Lake Mountain, bears NE. and SW.; continue descent.
10.00	Leave aspen, bears N. and S.
19.40	State Highway, bears N.72°30'E. and S.72°30'W.; thence descend gradually over rolling W. slope.
38.35	Old wagon road, bears N.70°W. and S.70°E.
40.05	On gradual W. slope, 200 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for the ¼ sec. cor., with brass cap marked ¼ S 5 / S 8 1934
	Deposit a volcanic stone 10x6x6 ins. at base of post, marked with a cross (X).
	From this cor. a U. S. Coast and Geodetic Survey B.M., which is a brass cap about 4 ins. diam., set in a concrete block about 12x12x10 ins. above ground, marked R 36, 1934, bears S.14°18'E., 11.21 chs. dist.
40.85	Old road, bears N.10°E. and S.25°W.
67.00	Main draw, 125 ft. below the ¼ sec. cor., drains SW. for 10.00 chs., thence S.30°W.; ascend gradual SE. slope.
78.10	Small draw, 20 ft. above main draw, drains SE.; ascend gradual E. slope.
80.10	The cor. of secs. 5, 6, 7, and 8, 5 ft. above last draw.
	Land, rolling and mountainous on E. 67.00 chs. with general westerly exposure and drainage, remainder of mile with general southeasterly exposure and drainage. Soil, shallow gray clay, mixed with rock and gravel; 3rd rate, volcanic formation. Timber, scattered groves of aspen. Undergrowth, sagebrush and yellow top. Fair grazing land.
	N.89°40'W., on true line between secs. 6 and 7.
	Ascend gradual NE. slope of rolling mountainous land,

Chains	
	through scattered groves of aspen, scattered juniper, pinon and red pine timber and undergrowth of dense sagebrush and scattered yellow top.
17.40	Bend in spur, 130 ft. above cor., projects S.80°E., from N.25°W.; ascend gradual SE. slope.
22.40	Draw, 10 ft. above spur, drains SE.; ascend gradual NE. slope.
40.00	On gradual NE. slope, 160 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in mound of stone to top, for the ¼ sec. cor., with brass cap marked
	¼ S 6 / S 7 1934
	from which
	An aspen, 5 ins. diam., bears N.6°45'W., 153 lks. dist., marked ¼ S 6 B T.
	No other bearing tree available.
46.30	Spur, 50 ft. above the ¼ sec. cor., projects S.50°E.; thence along gradual S. slope.
53.65	Draw, 15 ft. above spur, drains S.50°E.; ascend gradual NE. slope.
60.96	Intersect the W. bdy. of the township.
	On gradual NE. slope, 70 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for the closing cor. of secs. 6 and 7, T.26 S., R.4 E., with brass cap marked
	T26S R3E S12 | T26S S 6 — CC S 7 R 4 E 1934
	Deposit a volcanic stone 12x10x5 ins. at base of post, marked with a cross (X).
	From this cor. the cor. of secs. 1 and 12, T.26 S., R.3 E., bears N.0°21'E., 1.70 chs. dist.
	Land, rolling and mountainous with general southeasterly exposure and drainage. Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation. Timber, scattered aspen, pinon, juniper and red pine. Undergrowth, sagebrush and yellow top. Fair grazing land.
	From the cor. of secs. 5, 6, 7, and 8.
	N.0°01'W., on true line between secs. 5 and 6.

Chains	
	Descend gradual NE. slope of rolling mountainous land, through scattered groves of aspen timber and undergrowth of dense sagebrush and yellow top.
0.50	Draw, 5 ft. below cor., drains S.50°E.; ascend gradual SW. slope.
10.00	Top of a wide spur, 50 ft. above draw, projects S.70°E.; ascend gradually along general E. slope.
20.50	Draw, 10 ft. above spur, drains S.75°E.; ascend gradually over steep SW. slope.
40.00	On steep SW. slope, 230 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked
	¼ S 6 | S 5 1934
	raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
43.30	Spur, 20 ft. above the ¼ sec. cor., projects S.40°E.; old road on top of spur, bears S.50°E. and N.60°W.; descend gradual NE. slope.
54.00	Enter medium dense aspen grove, bears NE. and SW.
58.30	Leave aspen at bottom of draw, 150 ft. below spur, drains S.80°E.; ascend abrupt S. slope.
70.40	Spur, 30 ft. above draw, projects S.70°E.; wagon road on spur, bears S.70°E. and N.70°W.; descend gradual NE. slope.
74.50	Draw, 25 ft. below spur, head S.70°W. about 2.00 chs. distance, drains N.70°E.; ascend gradual SE. slope.
78.00	Spur, 5 ft. above draw, projects N.65°E.; descend gradual NE. slope.
81.91	Intersect the 5th Standard Parallel South.
	On gradual NE. slope, 40 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in mound of stone to top, for the closing cor. of secs. 5 and 6, T.26 S., R.4 E., with brass cap marked
	T25S R4E S31 S 6 | S 5 T26S | R4E CC 1934
	from which
	An aspen, 8 ins. diam., bears S.9°30'E., 564 lks. dist., marked T 26 S R 4 E S 5 C C B T.
	An aspen, 6 ins. diam., bears S.66°W., 579 lks. dist., marked T 26 S R 4 E S 6 C C B T.

Chains

From this closing cor. the standard cor. of secs. 31 and 32, T.25 S., R.4 E., bears E. 11.18 chs. dist.

Land, rolling and mountainous with general southeasterly exposure and drainage.
Soil, shallow gray clay mixed with rock and gravel; 4th rate, volcanic formation.
Timber, scattered groves of aspen.
Undergrowth, sagebrush and yellow top.
Fair grazing land.

GENERAL DESCRIPTION

The land within the boundaries of this fractional township is all within the Fish Lake National Forest. It consists of the broken E. and W. slopes of the north end of Thousand Lake Mountain and the S. and E. slopes of the extreme SE. end of the Fish Lake Mountains.

The elevation above sea level ranges from about 9,000 feet on the divide ridge of Thousand Lake Mountains to about 7,500 ft. in the southwest portion.

The formation throughout the fractional township is of volcanic origin and the soil consists of deep and shallow gray clay, mixed with volcanic rock and gravel and may be classified as 4th rate.

The steep E. and W. slopes of the mountain in the easterly portion of the fractional township is covered with patches of dense aspen, spruce, red pine, and balsam timber. Over the remainder of township may be found scattered groves of aspen and scattered pinon, juniper and red pine. Nearly all the timber of any commercial value has been removed.

The undergrowth in general consists of dense sagebrush, yellow top and grass, with a medium dense growth of weeds, grass, mountain sage, deer, and yellow top brush on the higher lands. This affords fair grazing for stock during the summer and fall months of the year.

A small stream of alkali water, 4 lks. wide, 2 ins. deep flows in a westerly direction in Salt Gulch, through sections 33, 32, and 31. This stream heads at a small spring located in the NW¼ SW¼ section 33, and at a small spring located in the NW¼ NE¼ section 33. During the late summer months of the year, this stream sinks before reaching the west boundary of the township.

Short Creek, which is a stream of good water, 4 lks. wide, 4 ins. deep, flows in a southwesterly direction through sections 19 and 30, to Forsyth Reservoir, which is located in secs. 25 and 36, T. 26 S., R. 3 E. This stream heads at a spring located in the NW¼ of section 19.

A metal watering trough erected by the Forest Service, about 150 feet long, 18 ins. deep is found near Deer Spring, which is a small spring of good water located in the SE¼ NW¼ of section 20. A few other small intermittent streams, seeps and springs were found, mostly on the steep broken east slope of main divide of Thousand Lake Mountain, which affords plenty of water for stock that graze in that locality.

U. S. GOVERNMENT PRINTING OFFICE: 1961 O—8155

GENERAL DESCRIPTION

The State Highway from Fremont, Utah, which is a graded road, bears in a northeasterly direction through sections 30, 19, 18, 17, 8, 5, and 4, to Emery, Utah. A good auto road constructed by the Forest Service, bears in an easterly direction through sections 31, 32, and 35, from the State Highway to Elk Horn Ranger Station and Jeffery Ranch. Numerous old wood roads may be found in the western part of the township.

A Forest Service trail is found at the east base of the main divide ridge of Thousand Lake Mountain, entering the east boundary of section 28 and bearing in a northerly direction through sections 28, 21, 16, 9, and 4.

Numerous old ditches were found in the west portions of sections 30, and 31, which were used to divert water for sluicing dirt into the Forsyth Reservoir dam.

A well built pole corral and a sheep dipping vat is located in the NE¼ SE¼ section 19. A pole corral is found in the SW¼ NE¼ section 33.

No settlers were living on the township at the time of the survey and no portions of it are suitable for farming. The township in general is suitable for the grazing of stock during the summer and fall months of the year and is being used for this purpose under the supervision of the Forest Service.

No indications of coal, oil shale, oil, or other minerals were found in the township.

The mean magnetic declination throughout the township was found to be 16°30'E.

BOOK A-500

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edward Eliason	Chainman
Molen Roper	Chainman
Bert Swain	Chainman
Reed Overson	Chainman
Ross A. Slye	Axeman
Ray R. Morgan	Axeman
Warren R. Clark	Axeman
Ulysses Gardner	Axeman
Lewis Patterson	Axeman
Denton Bock	Flagman
Thomas R. Sherrod	Cornerman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR AND TRANSIT

We, Edward Eliason, U.S. Transitman, and Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 8th day of February, 1929, we have well, faithfully, and truly in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of independent resurvey of the fifth standard parallel south through portion of R. 4 E.; dependent resurvey of the west boundary, and portion of the subdivision and survey of portion of the subdivision of T. 26 S., R. 4 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us, and under our directions, 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 District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:
Salt Lake City, Utah.
March 20, 1935.

Elliot Bird
U. S. Surveyor.

Edward Eliason
U.S. Transitman.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado. MAR 29 1935, 19

The foregoing field notes of the survey of T. 26 S., R. 4 E., Salt Lake Meridian, Utah

executed by Elliot Bird, U.S. Surveyor and Edward Eliason, U.S. Transitman under their special instructions dated February 8, 1929, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank M. Johnson
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~ ~~, has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764