

Volume

#

R0464

U. S. Surveyor General's
FEB 9 1923
SALT LAKE CITY, U.

4-679

BOOK A-464

FIELD NOTES

Resurvey
OF THE ~~SURVEY~~ OF THE

Seventh Standard Parallel South, thru part of R. 3 E.

Subdivisions of T. 36 S., R. 3 E.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Geo. F. Rigby, U. S. Cadastral Engineer

and

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

Supplemental
In the capacity of U. S. Surveyor, under instructions dated Sept. 7, 1922, 191...
issued by the United States Surveyor General to govern surveys included in
Group No. 118, which were approved by the Commissioner of the General Land
Office, Sept. 13, 1922, 191, and Assignment Instructions dated
May 8, 1922.

Survey commenced Oct. 1, 1922, 191

Survey completed Oct. 14, 1922, 191

1A

BOOK A-464

INDEX DIAGRAM.

Township 36 South, Range 3 East

4	3						
6	31	5	4	8	2	1	
30		29					
7	27	8	9	10	11	12	
26		25					
18	23	17	16	15	14	13	
22		21					
19	20	20	13	21	22	23	24
19		18	12				
30	17	29	11	28	27	26	25
17		16	10	W.C.			
31	15	32	9	33	7	34	6
						W.C.	35
							36

3 group with between has, 1881, of, 1000, been, and, executed, with, Young
introduced, of, 1881, has, 1881, of, 1000, been, and, executed, with, Young
guiding, and, with, 1881, has, 1881, of, 1000, been, and, executed, with, Young

DATE REPORT

of
L. 36 S., R. 3 E.

1881, has, 1881, of, 1000, been, and, executed, with, Young
- 1881, has, 1881, of, 1000, been, and, executed, with, Young

Oct. 6	Oct. 5	4	3	2	1
6	5	4	3	2	1
Oct. 11	Oct. 12				
7	8	9	10	11	12
Oct. 10	Oct. 11				
18	17	16	15	14	13
Oct. 10	Oct. 10				
19	20	21	22	23	24
Oct. 10	Oct. 9	Oct. 9			
30	29	28	27	26	25
Oct. 7	Oct. 7	Oct. 7			
31	32	33	34	35	36
Oct. 9	Oct. 8	Oct. 8	Oct. 8	Oct. 8	

Lines dated in black indicate survey made by Geo. F. Rigby.

Lines dated in red indicate survey made by Edie S. C. Smith.

All lines surveyed in 1822.

1881, has, 1881, of, 1000, been, and, executed, with, Young
- 1881, has, 1881, of, 1000, been, and, executed, with, Young

BOOK A-464

4-679 b

INDEX DIAGRAM.

Township 36 S, Range 3 E
 4 3

6	31	5		4		8		2		1
30		27								
7	29	8		9		10		11		12
26		25								
18	23	17		16		15		14		13
22		21								
19	20	20	13	21		22		23		24
19		18		12						
30	17	29	11	28		27		26		25
17		16		10						
31	15	32	9	33	7	34	W.C. 6	35		36

Survey commenced Oct. 1, 1922, and executed with Young & Sons solar transits No. 8542 and 8534, the horizontal limbs being provided with two double verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instruments were approved by the Assistant Supervisor of Surveys, District No. 6, May 8, 1922, conditionally upon a satisfactory field test, a record of which follows herewith.

Unless otherwise specified all measurements are made with Lallie steel tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Oct. 1, 1922, in camp in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of sec. 6, T. 37 S., R. 3 E., Salt Lake Meridian, Utah, in latitude 37° 38' N., longitude 111° 40' W., upon the true meridian established July 2, as described in the field notes of the South Boundary of T. 37 S., R. 2 E., I test the solar attachments as follows:

At 8h 0m a. m., app. t., I set off 37° 38' N., on the lat. arcs; 3° 0 $\frac{1}{2}$ ' S., on the decl. arcs; and determine a meridian with the solars which I find to agree with the true meridian.

At app. noon, with the lat. arcs unchanged, I observe the sun on the meridian; the resulting reading of the decl. arcs is 3° 5 $\frac{1}{2}$ ' S., which agrees with the computed declination of the sun.

At 4h 0m p. m., app. t., with the lat. arcs unchanged, I set off 3° 8 $\frac{1}{2}$ ' S., on the decl. arcs; and determine a meridian with the solars which I find to agree with the true meridian.

As all of the solar observations made during the usual

Reinforcement of part of the

Seventh Standard Parallel South, thru R. 3 E.

Chains

5 (12/23)

and figures of solar work come within 1' 50" of the true meridian, I conclude that the adjustments of the instruments are satisfactory.

From the closing cor. of secs. 4 and 5, T. 36 S., R. 3 E., which is an iron post, 2 ins. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general, West, on a random line, on S. bdy. of sec. 32.

22.98 A point 9 lks. N. of the position for the standard 1/4 sec. cor. The corner stone is entirely gone as is the bearing tree. The recorded course and distance from a large stone; given in the field notes; locates the corner where there is now a fence post set in concrete, therefore beside the fence post,

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for standard 1/4 sec. cor., with brass cap marked

S C
1/4 S 32

1922

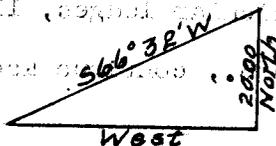
from which

A Cedar, 12 ins. diam., bears N. 41 1/2° E., 130 lks. dist., marked 1/4 S 32 S C B T.

A Pinon pine, 12 ins. diam., bears N. 46° W., 180 lks. dist., marked 1/4 S 32 S C B T.

Offset to 1/4 sec. cor. and continue measurement.

Line ascends over precipitous cliffs; vertical angle to flag on random line, on top of cliffs; plus 20°; lay off a base, North, to a point 20.00 chs. dist., from which the flag on top of cliffs bears S. 66° 32' W.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Resurvey of part of the

Seventh Standard Parallel North, Twp. R. 3 E.

Chains	S. 114.10
Dist. on random line	82.98 chs.
Dist. by triangulation	46.07
	69.05
69.05 Top of cliffs	
71.68	A point 41 lks. N. of the standard witness cor. of secs. 31 and 32, hereinafter described.
	True line from closing cor. of secs. 4 and 5 to the reestablished standard $\frac{1}{4}$ sec. cor. bears S. $89^{\circ} 47' W.$, and from standard $\frac{1}{4}$ sec. cor. to true position for standard cor. of secs. 31 and 32, S. $89^{\circ} 31' W.$, 42.31 chs. Standard witness cor. of secs. 31 & 32, 6.39 chs. bears S. $89^{\circ} 31' W.$
	From the true point for the standard cor. of secs. 31 and 32,
	West, on a random line, on S. bdy. of sec. 31.
6.39	A point 5 lks. N. of the standard witness cor. of secs. 31 and 32.
	Offset to the witness cor. and continue measurement.
40.00	I can find no trace of the standard $\frac{1}{4}$ sec. cor.
76.64	A point 41 lks. N. of the closing cor. of Tps. 36 S., Rs. 2 and 3 E., heretofore described.
78.30	A point 42 lks. N. of the standard cor. of Tps. 35 S., Rs. 2 and 3 E., heretofore described.
	True line from the standard witness cor. of secs. 31 and 32 to the standard cor. of Tps. 35 S., Rs. 2 and 3 E. bears S. $89^{\circ} 40' W.$
	From the true point for the standard cor. of secs. 31 and 32,
	S. $89^{\circ} 31' W.$, on a true line, on S. bdy. of sec. 31.
	Asc. precipitous E. slope, over series of perpendicular sandstone ledges, thru scattering timber.
3.76	Top of perpendicular ledges, 1107 ft. above desert, bears N. and S., continue asc. 13 ft.

Resurvey of part of the

Seventh Standard Parallel South, thru R. 3 E.

- 6.39 The standard witness cor. of secs. 31 and 32, which is a sandstone, 40 x 6 x 5 ins., set in a mound of stone, marked and witnessed as described by the surveyor general.
Thence S. 89° 40' W.
- 6.50 Top of ridge, bears N. and S., desc. 267 ft., thru medium timber.
- 22.30 Gulch, course S. 30° W., asc. 80 ft.
- 28.90 Spur, slopes S. 60° W., desc. 478 ft.
- 39.15 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 31

1922

- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 - 48.11 Gulch, course NW., continue desc.
 - 52.00 Spur, slopes N., continue desc.
 - 69.70 Gulch, course SW., asc. 123 ft. over SE: slope covered with great boulders:
 - 76.64 The closing cor. of Tps. 36 S., Rs. 2 and 3 E., heretofore described.
 - 78.30 The standard cor. of Tps. 35 S., Rs. 2 and 3 E., heretofore described.
- Land, mountainous.
- Soil, mostly rock, 4th rate.
 - Timber, scrub cedar and pinon pine.
 - Undergrowth, bitter berry, service berry and silver leaf.

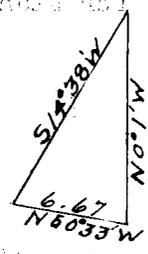
Subdivision of T. 36 S., R. 3 E.

Chains

From the cor. of secs. 34 and 35, on the E. bdy. of the Tp., heretofore described,

N. 0° 1' W., on a random line, bet. secs. 34 and 35.

1.19 Top of series of precipitous ledges. Set a flag on the random line at foot of ledges to which the vertical angle is minus 26°; an auxiliary flag bears N. 50° 33' W., 6.67 chs. dist.; longer base impracticable. From the flag set on random line, the auxiliary flag bears S. 14° 38' W.; all bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on random line 1.19 chs.

Dist. by triangulation 23.94 ✓

25.13

25.13 Foot of ledges.

40.00 Set temp. 1/4 sec. cor.

53.24 The old witness 1/4 sec. cor.

79.88 Intersect the E. and W. line 1 lk. W. of the cor. of secs. 26, 27, 34 and 35, which is an iron post, 2 ins. in diam., 12 ins. above ground, marked and witnessed as described by the surveyor general.

Thence

S. 0° 1' E., on a true line, bet. secs. 34 and 35.

Asc. 175 ft. over broken NE. slope, thru medium timber.

19.50 Spur, slopes N. 60° E., desc. 48 ft.

25.30 Gully, course N. 15° E., asc. 133 ft.

26.64 The witness 1/4 sec. cor., which is an iron post, 1 in. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general. I destroy this witness cor.

32.50 Spur, slopes N. 25° E., desc. 37 ft.

Subdivisions of Twp 36 S., R. 35 E., S. 22 N.

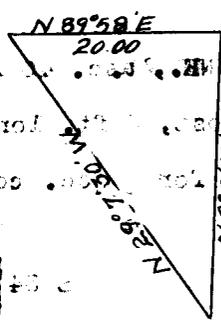
Chains	
35.00	Gully, course NE., asc. 40 ft.
39.94	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in
	the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 34 | S 35 1922
	from which
	A Pinon pine, 10 ins. diam., bears N. 12° E., 125
	lks. dist., marked $\frac{1}{4}$ S 35 B T.
	A Pinon pine, 7 ins. diam., bears S. 89 $\frac{1}{2}$ ° W., 213
	lks. dist., marked $\frac{1}{4}$ S 34 B T.
40.00	Spur, slopes N. 30° E., desc. 31 ft.
41.10	Gully, course N. 20° E., asc. 978 ft.
54.75	Begin asc. over perpendicular ledges, bear N. 60° W.
	and S. 60° E.
78.69	Triangulation point.
	Top of perpendicular ledges, bear N. 60° W. and S. 60° E.
	Thence over level top of ridge.
79.88	The cor. of secs. 34 and 35, on S. bdy. of Tp.
	Land, mountainous.
	Soil, rock and clay, 3rd rate.
	Timber, scrub cedar and pinon pine.
	Undergrowth, none.

	From the cor. of secs. 33 and 34, on the S. bdy. of the
	Tp., heretofore described,
	N. 0° 2' W., on a random line, bet. secs. 33 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
44.26	Top of perpendicular ledges; vertical angle to flag on
	random line is minus 20°; an auxiliary flag bears N.
	29° 7' 30" E.; from the flag on the random line the
	auxiliary flag bears S. 89° 58' W., 20.00 chs. dist.;
	all bearings checked by direct reading of the solar
	and all angles checked by deflections;

Subdivision of T. 36 S., R. 5 E.

Chains

and AD



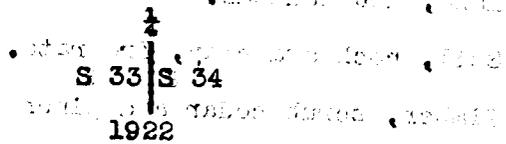
Dist. on random line | 44.26 chs.
 Dist. by triangulation | 35.94
 80.20

80.20 Intersect the E. and W. line 5 lks. W. of the cor. of secs. 27, 28, 33 and 34, which is an iron post, 2 ins. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general.

Thence South, on a true line, bet. secs. 33 and 34. Asc. 1123 ft. over perpendicular ledges, thru scattering timber.

35.94 Triangulation point. Top of ledges, continue asc. over precipitous N. slope.

40.10 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A Pinon pine, 8 ins. diam., bears S. 77 1/2° E., 43 lks. dist., marked 1/4 S 34 B T.

A Pinon pine, 10 ins. diam., bears N. 69° W., 33 lks. dist., marked 1/4 S 33 B T.

44.00 Ridge, bears N. 60° W. and S. 60° E., continue asc. along precipitous NE. slope. Asc. 140 ft.

69.60 Spur, slopes S. 30° E., thence along, level, wide top of spur.

80.20 The cor. of secs. 33 and 34, on S. bdy. of Tp. Land, mountainous.

Soil, rock and clay, 3rd and 4th rate.

Timber, scrub cedar and pinon pine.

Subdivision of T. 36 S., R. 3 E.

Chains

and 410

Undergrowth, scattering bitter berry and service berry.

- 3.90 Spur, slopes S. 70° W., desc. 34 ft.
- 7.10 Gully, course S. 20° W., asc. 61 ft.
- 18.70 Spur, slopes S. 70° W., desc. 38 ft.
- 24.50 Gully, course W., asc. 20 ft.
- 28.80 Spur, slopes N. 80° W., desc. 157 ft.
- 39.80 Gully, course N. 60° W., asc. 21 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
 S 32 | S 33
 1922

from which

A Pinon pine, 12 ins. diam., bears N. 71½° E., 282 lks. dist., marked $\frac{1}{2}$ S 33 B T.

A Pinon pine, 12 ins. diam., bears S. 65° W., 204 lks. dist., marked $\frac{1}{2}$ S 32 B T.

- 43.90 Spur, slopes W., desc. 13 ft.
- 46.80 Gully, course S. 30° W., asc. 13 ft.
- 56.50 Spur, slopes W., desc. 110 ft.
- 62.20 Gully, course N. 70° W., asc. 100 ft.
- 67.50 Spur, slopes E., desc. 91 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T 36 S | R 3 E
 S 29 | S 28
 S 32 | S 33
 1922

from which

A Pinon pine, 12 ins. diam., bears N. 83° E., 58

Subdivision of T. 36 S., R. 3 E.

Chains

16 lks. dist., marked T 36 S R 3 E S 28 B T.

A Pinon pine, 16 ins. diam., bears E. 32° W., 53

lks. dist., marked T 36 S R 3 E S 33 B T.

A Pinon pine, 10 ins. diam., bears S. 50° W., 74

lks. dist., marked T 36 S R 3 E S 32 B T.

A Pinon pine, 14 ins. diam., bears N. 34° W., 50

lks. dist., marked T 36 S R 3 E S 29 B T.

Land, mountainous.

Soil, rocky clay, 3rd rate.

Timber, scrub cedar and pinon pine.

Undergrowth, bitter berry and service berry.

N. 89° 46' E.; on a random line, bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.40 Intersect the N. and S. line 16 lks. S. of the cor. of

secs. 27, 28, 33 and 34.

Thence

S. 89° 39' W., on a true line, bet. secs. 28 and 33.

Asc. 63 ft. over E. slope, thru medium timber.

4.20 Spur, slopes NE., desc. 49 ft.

9.00 Bottom of gully, course N. 50° E., asc. 94 ft.

14.70 Spur, slopes N. 70° E., desc. 10 ft.

19.00 Gully, course N. 30° E., asc. 1100 ft. over precipitous

NE. slope.

29.70 The old witness 1/4 sec. cor. bears South, 16 lks. dist.

I destroy this cor.

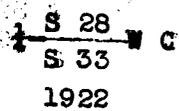
40.20 True point for the 1/4 sec. cor. falls on steep rock where

it is impossible to set a permanent corner.

40.35 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in

the ground, for witness 1/4 sec. cor., with brass cap

marked



from which

Subdiv. Sec. of T. 56 S., R. 15 E.

Chains

211010

To bottom of Pinon pine, 18 ins. diam., bears N. 7 1/2° E., 15
lks. dist., marked 1/2 S 28 W C B T.

A Pinon pine, 18 ins. diam., bears S. 39° W., 15
lks. dist., marked 1/2 S 33 W C B T.

47.00 Ridge, bears N. 30° W. and S. 30° E., desc. 298 ft.

76.60 Gully, course NW., asc. 50 ft.

80.40 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.

Soil, rock and clay, 3rd and 4th rate.

Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 0° 3' W., bet. secs. 28 and 29.

Desc. 73 ft. over NE. slope, thru thick timber.

3.90 Gully, course NW., asc. 34 ft.

15.90 Spur, slopes NW., desc. 43 ft.

18.60 Gully, course NW., asc. 150 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in
the ground, for 1/2 sec. cor., with brass cap marked



from which

A Pinon pine, 10 ins. diam., bears S. 25° E., 30
lks. dist., marked 1/2 S 28 B T.

A Pinon pine, 14 ins. diam., bears N. 69 1/2° W., 52
lks. dist., marked 1/2 S 29 B T.

43.90 Spur, slopes W., desc. 56 ft.

46.30 Gully, course E. 70° W., asc. 71 ft.

54.10 Spur, slopes N. 70° W., desc. 87 ft.

64.00 Gully, course S. 15° W., asc. 42 ft.

78.80 Ridge, bears N. 50° E. and S. 50° W., desc. 38 ft. over
precipitous NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins.

Subdivision of T. 36 S., R. 3 E.

Chains

CHAINS

in the ground, to bed rock and 28 ins. in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T 36 S R 3 E S 20 S 21
S 20 S 21
S 20 S 21

1922

from which

- A Pinon pine, 13 ins. diam., bears N. 18 1/2° E., 39 lks. dist., marked T 36 S R 3 E S 21 B T.
- A Pinon pine, 12 ins. diam., bears S. 21° E., 58 lks. dist., marked T 36 S R 3 E S 28 B T.
- A Cedar, 6 ins. diam., bears S. 48° W., 22

lks. dist., marked T 36 S R 3 E S 29 B T.

A Cedar, 8 ins. diam., bears N. 72° W., 32

lks. dist., marked T 36 S R 3 E S 20 B T.

Land, mountainous.

Soil, rocky clay, 3rd rate.

Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 89° 39' E., on a random line, bet. secs. 21 and 28.

Over perpendicular ledges; vertical angle to a flag on

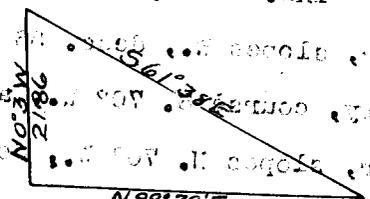
random line below the ledges is minus 20°; lay off a

base N. 0° 3' W., 21.86 chs. to a point from which the

flag on random line bears S. 61° 38' E.; all bearings

checked by direct reading of the solar and all angles

checked by deflection:



Dist by triangulation

40.01 chs.

40.01 Foot of ledges.

80.16 Intersect the N. and S. line 1 lk. N. of the cor. of

secs. 21, 22, 27 and 28, which is an iron post, 2 ins.

in diam., 12 ins. above ground, with brass cap marked

Subdivision of T. 38 S., R. 3 E.

Chains

and witnessed as described by the surveyor general.

Thence ad north : N 14 5/8 W ...
S. 89 3/4 W, long true line, bet. secs. 21 and 28.

Asc. 52 ft. over E. slope, thru medium timber.

6.90 Spur, slopes NE., desc. 34 ft.

12.80 Gully, course N. 30° E., asc. 81 ft.

21.20 Spur, slopes N. 60° E., desc. 21 ft.

25.70 Gully, course N. 50° E., asc. 28 ft.

30.60 Spur, slopes NE., desc. 36. ft.

39.88 The old 1/4 sec. cor., which is an iron post, 1 in. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general. I destroy this cor.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S 21
S 28
1922

from which

A Pinon pine, 6 ins. diam., bears N. 60° W., 85
... dist., marked 1/4 S 21 B T.

A Pinon pine, 14 ins. diam., bears S. 18 1/2° W., 56
... dist., marked 1/4 S 28 B T.

40.15 Triangulation point, in bottom of gully, course N., asc. 961 ft. over perpendicular ledges.

80.16 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous and low hills.

Soil, rock and clay, 3rd and 4th rate.

Timber, scrub cedar and pinon pine.

Undergrowth, none.

N. 0° 3' W., on a random line, bet. secs. 20 and 21.

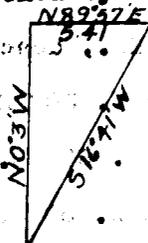
21.86 Top of a series of perpendicular ledges; vertical angle to a flag on random line, at foot of ledges, is minus 23 1/2; from flag on random line lay off a base, N. 89°

Subdivision of T38 S., R. 32 E.

Chains

111 000

From 57' E., 5.41 chs. to a point from which point on top of ledges bears S. 16° 41' W.; longer base impracticable; all bearings checked by direct reading of the solar and all angles checked by deflections.



Dist. on random line 21.86 chs.
 Dist. by triangulation 17.99 chs.
 39.85 .

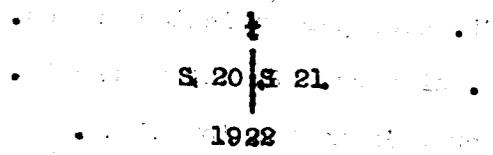
39.85 Foot of ledges.
 40.00 Set temp. 1/4 sec. cor.
 79.83 A point 16 lks. W. of the cor. of secs. 16, 17, 20 and 21, which is an iron post, 2 ins. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general.

Thence

S. 0° 4' W., on a true line, bet. secs. 20 and 21.
 Asc. 199-ft. over broken, NE. slope, thru medium timber.

31.90 Spur, slopes N. 40° E., continue asc. 422 ft. over very rough, low hills.

39.91 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



from which

A Pinon pine, 6 ins. diam., bears N. 25° E., 25 lks. dist., marked 1/4 S 21 B T.

A Pinon pine, 6 ins. diam., bears S. 5° W., 152 lks. dist., marked 1/4 S 20 B T.

39.98 The triangulation point. Asc. 504 ft. over perpendicular ledges.

57.97 Top of ledges, bears N. 20° W. and S. 20° E., continue

Subdivision of T. 36. S. 3. E.

Chains

asc. 252 ft. over precipitous NE. slope.

79.85 The cor. of secs. 29, 31, 28 and 29.

Land, mountainous.

Spil. rock and clay, 3rd and 4th. rate.

Timber, scrub cedar and pinon pine.

Undergrowing scattering bitter berry and service berry.

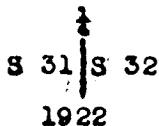
From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., heretofore described,

N. 0° 3' W., bet. secy. 31 and 32.

Asc. 238 ft. over broken SE. slope, thru medium timber.

22.60 Spur, slopes S. 60° W., thence asc. 50' ft. over very broken table land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked



from which

A Pinon pine, 10 ins. diam., bears S. 52 $\frac{1}{2}$ ° E., 3 $\frac{1}{2}$ lks. dist., marked $\frac{1}{2}$ S 32 B T.

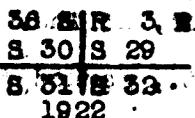
A Pinon pine, 10 ins. diam., bears S. 22 $\frac{1}{2}$ ° W., 5 $\frac{1}{2}$ lks. dist., marked $\frac{1}{2}$ S 31 B T.

Continue asc. 330 ft. over steep, SW. slope.

55.90 Spur, slopes N. 40° W., desc. 260 ft.

71.80 Gully, course N. 30° W., asc. 169 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 1 in. in the ground, to bed rock, and 35 ins. in a mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked



from which

A Cedar, 10 ins. diam., bears N. 48° E., 63 lks. dist., marked T 36 S R 3 E S 29 B T.

Subdivision of T. 38 S., R. 3 E.

Chains entire

- A Cedar, 3 ins. diam., bears S. 39° E., 72 lks. dist., marked B T. 166 Small. For other marks.
- A Pinon pine, 7 ins. diam., bears S. 42° W., 51 lks. dist., marked T 36 S R 3 E S 51 B T.
- A Pinon pine, 6 ins. diam., bears N. 39° W., 80 lks. dist., marked T 36 S R 3 E S 30 B T.

Land, mountainous.

Soil, rocky clay, 3rd rate.

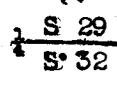
Timber, scrub cedar and pinon pine.

Undergrowth, service berry, bitter berry and silver leaf.

- N. 89° 46' E., on a random line, bet. secs. 29 and 32.
- 40.00 Set temp. 1/4 sec. cor.
- 80.03 Intersect the N. and S. line 7 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence

- S. 89° 43' W., on a true line, bet. secs. 29 and 32.
- Desc. 79 ft. over broken NW. slope, thru medium timber.
- 16.60 Wash, 10 lks. wide, 15 ft. deep, in middle of sagebrush flat, 8.00 chs. wide, course N. 20° E., asc. 109 ft.
- 24.50 Spur, slopes N., desc. 68 ft. over broken land.
- 38.00 Gully, course N. 10° W., asc. 373 ft.
- 40.01 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

- A Pinon pine, 14 ins. diam., bears N. 50° W., 74 lks. dist., marked 1/4 S 29 B T.
- A Pinon pine, 16 ins. diam., bears S. 5° E., 156 lks. dist., marked 1/4 S 32 B T.
- 61.30 Ridge, bears N. 20° W. and S. 20° E., desc. 235 ft.
- 77.00 Desc. over broken ledges bearing N. and S.
- 80.03 The cor. of secs. 29, 30, 31 and 32.

Subdivisions of T. 36 R. 13 E.

Chains

181480

Land, mountainous.

Soil, rocky clay, 3rd rate.

Timber, scrub cedar and pinon pine.

Undergrowth, sagebrush, bitter berry and service berry.

40.00

S. 89° 46' W., on a random line, bet. secs. 30 and 31.

Set temp. 1/2 sec. cor.

62.69

Intersect the W. bdy. of the Tp., 13 lks. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described.

Thence

N. 89° 39' E., on a true line, bet. secs. 30 and 31.

Asc. 243 ft. over NW. slope, thru medium timber.

22.69

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/2 sec. cor., with brass cap marked

S 30
S 31
1922

from which

A Pinon pine, 10 ins. diam., bears N. 32° W., 136 lks. dist., marked 1/2 S 30 B T.

A Pinon pine, 10 ins. diam., bears S. 32 1/2° W., 53 lks. dist., marked 1/2 S 31 B T.

41.20. Spur, slopes N. 30° W., desc. 267 ft.

56.50 Gulch, course N. 50° W., asc. 217 ft.

62.69. The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.

Soil, rock and clay, 3rd rate.

Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 0° 3' W., bet. secs. 29 and 30.

Asc. 170 ft. over SW. slope, thru medium timber.

15.50 Spur, slopes N. 40° W., desc. 730 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/2 sec. cor., with brass cap marked

... ..

Chains

marks.

1922
marks.

from which

A Pinon pine, 10 ins. diam., bears S. 60 1/2° E., 16

lks. dist., marked 1/2 S 29 B T.

A Pinon pine, 10 ins. diam., bears N. 69° W., 25

lks. dist., marked 1/2 S 30 B T.

50.20 Gulch, course N. 70° W., asc. 196 ft.

69.90 A 2 ft. vein of what appears to be gypsum, bears E. and

W.

71.90 Gully, course W., continue asc.

76.80 Spur, slopes W., desc. 55 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

in the ground, for cor. of secs. 19, 20, 29 and 30,

with brass cap marked

T 36 S/R 3 E
S 19 | S 20
S 30 | S 29

1922

from which

A Pinon pine, 8 ins. diam., bears N. 50° E., 110

lks. dist., marked T 36 S/R 3 E S 20 B T.

A Pinon pine, 10 ins. diam., bears S. 30 1/2° E., 82 1/2

lks. dist., marked T 36 S/R 3 E S 29 B T.

A Pinon pine, 10 ins. diam., bears S. 32 1/2° E., 82 1/2

lks. dist., marked T 36 S/R 3 E S 30 B T.

A Pinon pine, 12 ins. diam., bears N. 70° E., 95

lks. dist., marked T 36 S/R 3 E S 19 B T.

Land, mountainous.

Soil, rocky clay, 3rd rate.

Timber, scrub cedar and piñon pine.

Undergrowth, scattering bitter berry and service berry.

N. 69° E., on a standard line, sec. 20 and 29

40.00 Set a 2 ft. iron post, 2 ins. in diam., 28 ins. in the ground, for sec. 20 and 29

Subdivision of T. 33 S., R. 5 E., S. 1/4

Chains	12.10
79.88	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 19, 20, 21, 28 and 29.
3.50	Thence, thence S. 89° 40' W., on a true line, bet. secs. 20 and 29. Asc. 65 ft. over steep E. slope, thru medium timber.
23.20	Ridge, bears N. 30° W. and S. 30° E., desc. 103 ft. over SW. slope, thru dense timber.
30.30	Gulch, course N. 30° W., asc. 30 ft.
39.94	Spur, slopes N. 30° W., desc. 129 ft. Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S\ 20}{S\ 29}$ 1922
	from which
	A Pinon pine, 6 ins. diam., bears N. 54 $\frac{1}{2}$ ° E., 56 lks. dist., marked $\frac{1}{4}$ S 20 B T.
	A Pinon pine, 8 ins. diam., bears S. 11° E., 64 lks. dist., marked $\frac{1}{4}$ S 29 B T.
42.40	Draw, course N. 60° W., asc. 26 ft.
46.90	Spur, slopes N. 60° W., desc. 154 ft.
62.80	Gulch, course S. 20° W., continue desc. 98 ft.
79.88	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous.
	Soil, rocky clay, 3rd rate.
	Timber, scrub cedar and pinon pine.
	Undergrowth, scattering service berry and bitter berry.
	----- S. 89° 39' W., on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
62.70	Intersect the W. bdy. of the Tp. 18 lks. S. of the cor. of secs. 19, 24, 25 and 30, heretofore described.
	Thence, N. 89° 49' E., on a true line, bet. secs. 19 and 30.
	Desc. 13 ft. to the $\frac{1}{4}$ sec. cor., over very broken land,

Subdivision of T. 36 S., R. 12 E., S. 22

Chains	Station
	88.27
22.70	Set an iron post, 3 ft. long, 1 in. in diam., 2 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked
	S 19
	S 30
	1922
	from which
	A Pinon pine, 34 ins. diam., bears N. 39° E., 39
	lks. dist., marked $\frac{1}{2}$ S 19 B T.
	A Pinon pine, 13 ins. diam., bears S. 57° W., 36
	lks. dist., marked $\frac{1}{2}$ S 30 B T.
	Asc. 170 ft. over very broken W. slope.
62.70	The cor. of secs. 19, 20, 29 and 30.
	Land, broken hills.
	Soil, rocky clay, 3rd and 4th rate.
	Timber, scrub cedar and pinon pine.
	Undergrowth, scattering bitter berry and service berry.

	N. 0° 3' W., bet. secs. 19 and 20.
	Desc. 102 ft. over low, broken hills, thru medium timber.
29.10	Gully, course W., continue desc. 51 ft. over broken land.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 2 ins. in the ground, to bed rock, and 34 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2}$
	S 19 | S 20
	1922
	from which
	A Pinon pine, 14 ins. diam., bears S. 54° E., 40
	lks. dist., marked $\frac{1}{2}$ S 20 B T.
	A Pinon pine, 16 ins. diam., bears N. 58½° W., 23
	lks. dist., marked $\frac{1}{2}$ S 19 B T.
45.00	Gully, course N. 80° W., thence over low, broken hills, averaging an asc. of 3 ft.
72.80	Desc. 168 ft. over wall of box canyon, bears N. 30° W.

Subdivision of T36 S30 E, R13 E, S13 N

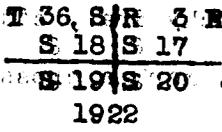
Chains

marked

.08 Bore S. 30° E., and ...

70.00: Wash, 10 lks. wide, 2 ft. deep, in middle of sagebrush flat, 4.00 chs. wide, course N.W.

80.00: Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, broken, low hills.

Soil, rocky clay, 3rd rate.

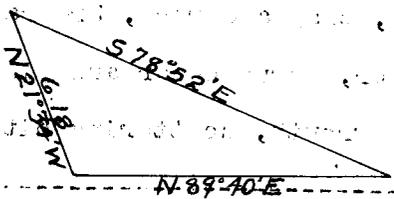
Timber, scrub cedar and pinon pine.

Undergrowth, sagebrush, service berry and bitter berry.

N. 89° 40' E., on a random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

54.14 Top of series of precipitous ledges; vertical angle to flag set on random line at foot of ledges, minus 26° 30'; lay off a base, N. 21° 34' W., 6.18 chs. to a point from which the flag on random line bears S. 78° 52' E. All bearings checked by direct reading of the solar and all angles checked by deflection. A longer base impracticable.



.21 Dist. on random line ... 54.14 chs.

Dist. by triangulation ... 26.16

80.30

80.30 Intersect the N. and S. line 2 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

Subdivisions of T. 24 S. 2 E. 10 R. 10 E.

Chains	
	<p>S. 89° 39' W., on a true line, bet. secs. 17 and 20, desc. 901 ft. over precipitous slope, through timber.</p>
26.15	<p>The top of series of perpendicular ledge, sec. 20</p>
27.30	<p>W. and S. 730° E., continue the triangulation point.</p>
	<p>Ridge, bears N. 15° W. and S. 15° E., elev. 154 ft.</p>
40.15	<p>In bottom of rocky draw, course S. 75° W., on sandstone surface rock, mark a cross (X) for exact cor. point, over which</p>
	<p>Set an iron post, 3 ft. long, 1 in. in diam., 36 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked</p>
	<p style="text-align: center;">S 17 ----- S 20</p> <p>----- from which</p>
	<p>A Pinon pine, 7 ins. diam., bears N. 35° E., 21 lks. dist., marked 1/4 S 17 B T.</p>
	<p>A Pinon pine, 12 ins. diam., bears S. 51° W., 16 lks. dist., marked 1/4 S 20 B T.</p>
	<p>Continue desc. 387 ft.</p>
63.60	<p>Gully, course S. 10° E., desc. 100 ft.</p>
71.90	<p>Spur, slopes S. 70° E., desc. 110 ft.</p>
80.50	<p>The cor. of secs. 17, 18, 19 and 20, and sec. 21. Land, steep slopes of high ridge. Soil, clay and rock, 3rd rate. Timber, scrub cedar and pinon pine. Undergrowth, scattering bitter berry and service berry.</p>
	<p>----- S. 89° 49' W., on a random line, bet. secs. 18 and 19.</p>
40.00	<p>Set temp. 1/4 sec. cor.</p>
62.58	<p>Intersect the N. bay of the Tp. at the cor. of secs. 15, 18, 19 and 24, heretofore described.</p>
	<p>Thence N. 89° 49' E., on a true line, bet. secs. 15 and 19.</p>

Subdivision of Tr 36 North 13 E

Chains

ar'and

Desc. 75 ft. over broken, NE. slope, thru medium timber.

11.90 Gully, course N. 20° E., asc. 17 ft.

15.60 Spur, slopes N. 30° E., desc. 59 ft.

22.58 On high, broken bench

Set an iron post, 3 ft. long, 1 in. in diam., 2 ins. in

the ground, to bed rock, and 34 ins. in a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S. 18

W. 19

1922

from which

A Cedar, 10 ins. diam., bears N. 2 $\frac{1}{2}$ ° E., 68
lks. dist., marked $\frac{1}{4}$ S. 18 B T.

A Pinon pine, 8 ins. diam., bears S. 39° W., 69
lks. dist., marked $\frac{1}{4}$ S. 19 B T.

Continue desc. 118 ft. over broken E. slope.

27.80 Gulch, course N., asc. 204 ft.

35.30 Spur, slopes N., desc. 193 ft. over precipitous wall of

box canyon.

46.11 Foot of desc., bears N. 60° W. and S. 60° E., thence over

level floor of canyon about 5,00 chs. wide, N. and S.

62.58 The cor. of secs. 17, 18, 19 and 20.

Land, broken bench cut by box canyons.

Soil, rock and clay, 3rd and 4th rate.

Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 9° 3' W., bet. secs. 17 and 18.

Over level canyon bottom, no timber.

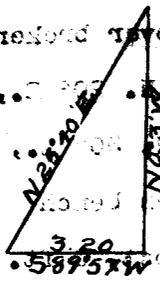
.55 Foot of perpendicular sandstone cliffs; vertical angle
to flag on line on top of cliffs is plus 39° 30'; lay
off a base S. 89° 57' W., 3.20 chs. to a point from
which the flag on top of cliffs bears N. 25° 40' E.

All bearings checked by direct reading of the solar
and all angles checked by deflection. A longer base is
impracticable.

Subdivision of T. 36 N., R. 3 E., S. 34 E.

Chains

00.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, to bed rock, and 30 ins. in a mound of
 stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
 S 18° E 17' 1922
 from which
 A Pinon pine, 18 ins. diam., bears N. 41° E., 42
 lks. dist., marked $\frac{1}{4}$ S 17° E 17' 1922
 A Pinon pine, 8 ins. diam., bears S. 67° W., 43
 lks. dist., marked $\frac{1}{4}$ S 18° E 17' 1922
 Continue asc. 74 ft.
 50.00 Top of asc. on W. slope, bears E. and W., desc. 304 ft.
 66.20 Gulch, course N. 30° W., asc. 142 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins.
 in the ground, to bed rock, and 30 ins. in a mound of
 stone, for cor. of secs. 7, 8, 17 and 18, with brass
 cap marked
 T 36 S R 3 E
 S 7 S 8
 S 18 S 17
 1922
 from which
 A Pinon pine, 12 ins. diam., bears N. 34° E., 70
 lks. dist., marked T 36 S R 3 E S 8 E E
 A Pinon pine, 24 ins. diam., bears S. 55° E., 14



Dist. on line 0.55 chs.
 Dist. by triangulation 6.64
 7.19

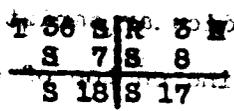
7.19 Top of wall of box canyon, 362 ft. above canyon floor,
 bears E. and W., continue asc. 32 ft. over broken W.
 slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, to bed rock, and 30 ins. in a mound of
 stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which
 A Pinon pine, 18 ins. diam., bears N. 41° E., 42
 lks. dist., marked $\frac{1}{4}$ S 17° E 17' 1922
 A Pinon pine, 8 ins. diam., bears S. 67° W., 43
 lks. dist., marked $\frac{1}{4}$ S 18° E 17' 1922

Continue asc. 74 ft.
 50.00 Top of asc. on W. slope, bears E. and W., desc. 304 ft.
 66.20 Gulch, course N. 30° W., asc. 142 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins.
 in the ground, to bed rock, and 30 ins. in a mound of
 stone, for cor. of secs. 7, 8, 17 and 18, with brass
 cap marked



from which
 A Pinon pine, 12 ins. diam., bears N. 34° E., 70
 lks. dist., marked T 36 S R 3 E S 8 E E
 A Pinon pine, 24 ins. diam., bears S. 55° E., 14

Subdivision of T. 36 S., R. 3 E.

Chains

main of ... dists., marked T. 36 S. R. 3 E. S. 17 B. T.

A Cedar, 16 ins. diam., bears S. 20° W., 20

lks. dist., marked T. 36 S. R. 3 E. S. 18 B. T.

... "A Pinon pine, 12 ins. diam., bears N. 67° W., 47.

lks. dist., marked T. 36 S. R. 3 E. S. 7 B. T.

Land, high bench broken by box canyons.

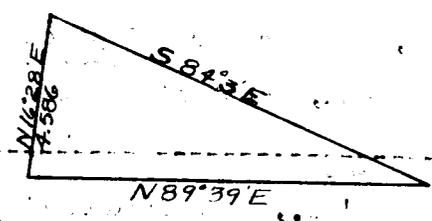
Soil, rock and clay, 3rd rate.

Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 89° 39' E., on a random line, bet. secs. 8 and 17.

38.98 Rim of a series of perpendicular ledges; vertical angle to flag on random line at the cor. of secs. 8, 9, 16 and 17 is minus 19° 45'; lay off a base N. 16° 28' E., 4.586 chs. to a point from which the flag at the cor. of secs. 8, 9, 16 and 17 bears S. 84° 3' E.; longer base impracticable; all bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on random line 38.98 chs.

Dist. by triangulation 41.09

80.07

80.07 The cor. of secs. 8, 9, 16 and 17, which is an iron post, 2 ins. in diam., 12 ins. above ground, with brass cap marked and witnessed as described by the surveyor general.

Thence

S. 89° 39' W., on a true line, bet. secs. 8 and 17.

Over low hills for approximately 20.00 chs., thru medium timber, then asc. over precipitous ledges on E. slope.

Subdivision of T. 35 S., R. 3 E.

and 43

Chains

40.03 True point for the $\frac{1}{4}$ sec. cor. falls on perpendicular ledge where it is impossible to get.

41.09 Triangulation point. Top of ledges, bears N. 20° W. and S. 20° E.

41.33 On top of high ridge, 895 ft. above the "Desert", bearing N. 20° W. and S. 20° E.

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to bed rock, and 30 ins. in a mound of stone, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

S 8
W C
S 17

1922

from which

A Pinon pine, 10 ins. diam., bears N. 53° W., 10 lks. dist., marked $\frac{1}{4}$ S 8 W C B T.

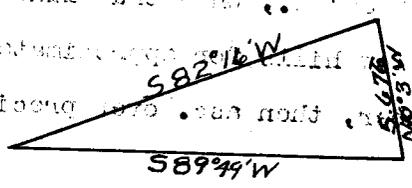
A Pinon pine, 9 ins. diam., bears S. 17° W., 60 lks. dist., marked $\frac{1}{4}$ S 17 W C B T.

Desc. 315 ft. over rough W. slope.

80.07 The cor. of secs. 7, 8, 17 and 18. Land, slopes of a high ridge. Soil, rock and clay, 3rd rate. Timber, scrub cedar and pinon pine. Undergrowth, scattering bitter berry and service berry.

S. 89° 49' W., on a random line, bet. secs. 7 and 18.

0.57 Edge of a box canyon impossible to chain across; vertical angle to flag on random line on opposite side of canyon is plus 1°; lay off a base, N. 10° 3' W., 5.676 chs. to a point from which the flag on opposite side of canyon bears S. 82° 16' W.; longer base impracticable; all bearings checked by direct reading of the solar and all angles checked by deflection:



Subdivision of T. 36 N., R. 3 E.

Chains

Dist. on random line 0.67 chs.
 Dist. by triangulation 43.18
 43.73

43.73 W. edge of box canyon.
 62.61 Intersect the E. bdy. of the Tp. 5 lks. N. of the cor.
 of secs. 7, 12, 13 and 18, heretofore described.

Thence
 N. 89° 46' E., on a true line bet. secs. 7 and 18.

Asc. 9 ft. over rough bench land, thru medium timber.

18.20 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in
 the ground, for witness $\frac{1}{2}$ sec. cor., with brass cap
 marked

$\frac{1}{2}$ S 7 W C
 S 18
 1922

from which

A Pinon pine, 12 ins. diam., bears N. 54° W., 14
 lks. dist., marked $\frac{1}{2}$ S 7 W C B T.

A Pinon pine, 8 ins. diam., bears S. 23° E., 80
 lks. dist., marked $\frac{1}{2}$ S 18 W C B T.

18.88 Edge of W. wall of box canyon, bears NW. and SE., desc.
 approximately 370 ft. to canyon at about 43.60 chs.,
 course of canyon NW., asc. 295 ft.

22.61 True point for the $\frac{1}{2}$ sec. cor., comes on side wall of
 canyon where it is impossible to set a corner.

62.04 Triangulation point.
 E. rim of box canyon, bears NW. and SE., thence level
 land.

62.61 The cor. of secs. 7, 8, 17 and 18.
 Land, high bench cut by box canyons.
 Soil, rock and clay, 4th rate.

Timber, scrub cedar and pinon pine.
 Undergrowth, scattering bitter berry and service berry.

N. 0° 3' W., bet. secs. 7 and 8.

Desc. 50 ft. over broken bench land, thru medium timber.

Subdivision of Twp 36 N., R. 3 E., S. 5

Chains

ant 100

- 7.80 Gully, course N. 60° W., asc. 284 ft.
- 22.90 Spur, slopes W., desc. 185 ft.
- 30.10 Gully, course W., asc. 38 ft.
- 37.00 Spur, slopes W., desc. 48 ft.
- 39.61 Near the edge of perpendicular sandstone ledge,

Set an iron post, 3 ft. long, 1. in. in diam., 28 ins. in the ground, for witness 1/4 sec. cor., with brass cap marked.



from which

A Cedar, 10 ins. diam., bears N. 89° E., 19 lks. dist., marked 1/4 S 8 W C B T.

A Pinon pine, 12 ins. diam., bears N. 79° W., 32 lks. dist., marked 1/4 S 7 W C B T.

Continue desc. 85 ft.

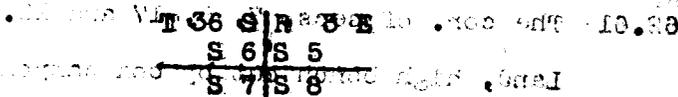
40.00 True point for the 1/4 sec. cor. falls on steep rock slope where it is impossible to set a permanent corner.

41.50 Gully, course W., asc. 245 ft.

53.90 Spur, slopes S. 70° W., desc. 132 ft.

61.90 Gulch, course E. 20° W., asc. 162 ft.

80.00 Set an iron post, 6 ft. long, 3 ins. in diam., 2 ins. in the ground, to bed rock, and 34 ins. in mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.



from which

A Pinon pine, 8 ins. diam., bears N. 60° E., 24 lks. dist., marked T 36 S R 3 E S 5 B T.

A Pinon pine, 8 ins. diam., bears S. 83° E., 53 lks. dist., marked T 36 S R 3 E S 8 B T.

A Pinon pine, 10 ins. diam., bears S. 36 1/2° W., 82

Subdivision of T. 36 S., R. 3 E.

lks. dist., marked T 36 S R 3 E S 7 B T.

A Cedar, 6 ins. diam., bears N. 51° W., 38

lks. dist., marked T 36 S R 3 E S 6 B T.

Cor. on spur.
Land, high, broken bench.

Soil, rock and clay, 3rd rate.

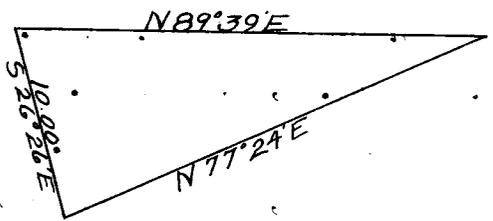
Timber, scrub cedar and pinon pine.

Undergrowth, scattering bitter berry and service berry.

N. 89° 39' E., on a random line, bet. secs. 5 and 8.

34.52

Edge of a series of precipitous cliffs; vertical angle to a flag on random line, 3 lks. N. of the cor. of secs. 4, 5, 8 and 9, is minus 21° 30'; lay off a base S. 26° 26' E., 10.00 chs. to a point from which the flag on random line bears N. 77° 24' E., longer base impracticable; all bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on random line 34.52 chs.

Dist. by triangulation 45.76

80.28

I triangulate clear to the cor. of secs. 4, 5, 8 and 9 to save an extremely dangerous climb, or a day's trip.

80.28

Intersect the N. and S. line 3 lks. N. of the cor. of secs. 4, 5, 8 and 9, which is an iron post, 3 ft. long, 2 ins. in diam., set 2 ft. in the ground, with brass cap marked and witnessed as described by the surveyor general.

Thence

S. 89° 40' W., on a true line, bet. secs. 5 and 8.

Over low hills, thru medium timber for approximately 25.00 chs., then asc. over series of perpendicular ledges in high ridge facing E.

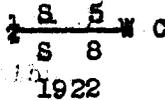
40.14

True point for the 1/2 sec. cor. falls on a shelf that is inaccessible except by the use of ropes and ladders.

Subdivision of T. 36 S. 37 E. 4th

Chains

- 45.76 Triangulation point.
- 45.78 Top of ledges, bears N. 40° W. and E. 30° E.
- 45.87 On top of high ridge, 1189 ft. above cor. of secs. 4, 5, 8 and 9, bearing NW. and SE.
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, to bed rock, and 18 ins. in a mound of stone, for witness 1/4 sec. cor., with brass cap marked



from which

A Pinon pine, 6 ins. diam., bears N. 50 1/2° E., 19 lks. dist., marked 1/4 S 5 W C B T.

A Cedar, 6 ins. diam., bears S. 56° W., 30 lks. dist., marked 1/4 S 8 W C B T.

Desc. 129 ft. over broken W. slope.

- 80.28 The cor. of secs. 5, 6, 7 and 8.
Land, steep slopes of high ridge.
Soil, rock and clay, 3rd and 4th rate.
Timber, scrub cedar and pinon pine.
Undergrowth, scattering bitter berry and service berry.

S. 89° 46' W., on a random line, bet. secs. 6 and 7.

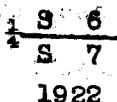
- 40.00 Set temp. 1/4 sec. cor.
- 62.37 Intersect the W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, heretofore described.

Thence

N. 89° 47' E., on a true line, bet. secs. 6 and 7.

Asc. 566 ft. over broken W. slope, thru medium timber.

- 22.37 On top of spur sloping W.
Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

Subdivision of T₂ S₂ E₂ R. 3 E.

Chains

CHAINS

- 60.00 to 4 Pinon pine, 10 ins. diam., bears N. 49° W., 46 lks. dist., marked $\frac{1}{2}$ S 6 B T.
- 60.00 A Pinon pine, 8 ins. diam., bears S. 33 $\frac{1}{2}$ ° E., 29 lks. dist., marked $\frac{1}{2}$ S 7 B T.
- 62.37 Desc. 29 ft. along top of spur.
- 62.37 The cor. of secs. 5, 6, 7 and 8.
Land, high, broken bench.
Soil, rocky clay, 3rd rate.
Timber, scrub cedar and pinon pine.
Undergrowth, scattering bitter berry and service berry.

- 3.20 N. 0° 3' W., bet. secs. 5 and 6.
Desc. 80 ft. over broken, NW. slope.
- 3.20 Gulch, course S. 70° W., thence over broken, general W. slope.
- 15.60 Gully, course W., 59 ft. deep, asc. 131 ft.
- 21.80 Spur, slopes S. 60° W., desc. 72 ft.
- 27.20 Gully, course S. 20° W., asc. 202 ft.
- 37.90 Spur, slopes S. 70° W., continue desc. 15 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 1 in. in the ground, to bed rock and 35 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked
 $\frac{1}{2}$
S 6 | S 5
1922
from which
A Pinon pine, 10 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 11 lks. dist., marked $\frac{1}{2}$ S 5 B T.
A Pinon pine, 22 ins. diam., bears S. 21 $\frac{1}{2}$ ° W., 22 lks. dist., marked $\frac{1}{2}$ S 6 B T.
Continue desc. 87 ft.
- 42.60 Gully, course S. 70° W., asc. 124 ft.
- 48.40 Spur, slopes S. 60° W., desc. 22 ft. over broken, W. slope.
- 77.79 Intersect the Seventh Standard Parallel South 8, 36 chs.

Subdiv. 136 S., R. 3 E., T. 37 S.

and 100

Chains

S. 89° 40' W. of the standard witness cor. of secs. 31 and 32, heretofore described. At the intersection set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap marked

T 35 S R 3 E	
S 31	
<hr/>	
S 6 1/2 5	
T 36 S R 3 E	
C C	
1922	

from which

A Pinon pine, 12 ins. diam., bears S. 74 1/2° W., 11 lks. dist., marked T 36 S R 3 E S 5 C U B T.

A Pinon pine, 10 ins. diam., bears S. 21 1/2° W., 28 lks. dist., marked T 36 S R 3 E S 6 C U B T.

Land, high, broken bench.

Soil, rocky clay, 3rd rate.

Timber, scrub pinon pine and cedar.

Undergrowth, scattering bitter berry and service berry.

Oct. 14, 1922, in camp in the NE 1/4 NE 1/4 of sec. 6, T. 37 S., R. 3 E., Salt Lake Meridian, Utah, in latitude 37° 68' N., longitude 111° 40' W., upon the true meridian established July 2, as described in the field notes of the South Boundary of T. 37 S., R. 2 E., I test the solar attachments as follows:

At 8h 0m a. m., app. t., I set off 37° 38' N., on the lat. arcs; 7° 58 1/2' S., on the decl. arcs; and determine a meridian with the solars, which I find to agree with the true meridian.

At app. noon, with the lat. arcs unchanged, I observe the sun on the meridian; the resulting reading of the decl. arcs is 8° 3' S., which agrees with the computed declination of the sun.

At 4h 0m p. m., app. t., with the lat. arcs unchanged, I set off 8° 5 1/2' S., on the decl. arcs; and determine a

Boundaries of T. 36 S., R. 3 E.

meridian with the solars which I find to agree with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1' 30" of the true meridian, I conclude that the adjustments of the instruments are satisfactory.

Boundaries of T. 36 S., R. 3 E.

Latitudes, departures and closing errors.

Line designated	Bearing	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
S. bdy. of T. 36 S., R. 3 E.	West	80.04				80.04
W. bdy. of T. 36 S., R. 3 E.	S. 89° 46' W.	302.80		1.23		302.80
Seventh Standard Parallel South	North	477.69	477.69			
	N. 89° 40' E.	70.25	0.41		70.25	
	N. 89° 31' E.	48.70	0.41		48.70	
	N. 89° 47' E.	22.98	0.09		22.98	
Bet. secs. 4 & 5	S. 0° 3' E.	77.89		77.89	0.07	
Bet. secs. 8 & 9	S. 0° 3' E.	80.00		80.00	0.07	
Bet. secs. 16 & 17	S. 0° 3' E.	80.00		80.00	0.07	
Bet. secs. 16 & 21	East	80.00			80.00	
Bet. secs. 21 & 22	S. 0° 2' E.	80.00		80.00	0.05	
Bet. secs. 27 & 28	S. 0° 2' E.	80.00		80.00	0.05	
Bet. secs. 27 & 34	East	80.00			80.00	
Bet. secs. 26 & 35	East	80.00			80.00	
Bet. secs. 35 & 36	S. 0° 1' E.	80.00		80.00	0.03	
	Totals		478.60	479.12	382.27	382.84
Convergency					0.26	
			478.60	479.12	382.53	382.84
			478.60		382.53	
Errors in latitude and departure				0.52		0.31

General Description of the Township

This fractional township lies over the high ridge between what is known as Alvey's Wash and the "Desert" and is cut, on the west, by many box canyons, while the east side is a precipitous drop of about 1000 feet to the Desert.

The soil is of clay but is underlaid, very near the surface, by sandstone ledges which crop out all over the township.

The timber is very scrubby cedar and pinon pine, with some yellow pine on the south end.

There are several flat bottomed draws and canyons with a fair grade of clay soil, in the south end.

No water at all was found in the township.

A settler having a cabin in T. 36 S., R. 2 E., has a small cultivated patch of ground in the flat bottom of a box canyon in sec. 18, but there are no settlers living on the fraction.

The old field notes of the survey of the Seventh Standard Parallel South, on the N. bdy. of this Tp., reports several coal veins, but I was unable to find any.

Concluded

CERTIFICATE OF UNITED STATES SURVEYOR

CADASTRAL ENGINEER

I, Geo. F. Rigby, U. S. Surveyor, hereby certify upon honor that, in accordance with special instructions received from the U. S. Surveyor General for Utah

bearing date of the 7th day of September, 1921, I have well, faithfully, and 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 the Seventh Standard Parallel South, thru R. 3 E. and Subdivisions of T. 36 S., R. 3 E.

of the Salt Lake Meridian, in the State of Utah, and date diagram on dates shown on said diagram the foregoing field notes/as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah

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

Helena, Montana. Feb. 5, 1923.

Geo. F. Rigby U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

19

The foregoing field notes of the survey of

executed by under his special instructions dated, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General

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. Surveyor

CERTIFICATE OF UNITED STATES

I, Edie S. C. Smith

^{Transitman} U. S. Surveyor, hereby certify upon honor that

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 7th day of September, 1921

I have well, faithfully, and 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 the Seventh Standard Parallel South, thru R. 3 E., and Subdivision of T. 36 S., R. 3 E.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented

and date diagram on dates shown on said diagram

the foregoing field notes as having been executed by me, and under my direction, and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions,

and the special written instructions of the U. S. Surveyor General for Utah

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

Helena, Montana.

Feb. 5, 1923.

Edie S. C. Smith
U. S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

November 23, 1923

The foregoing field notes of the ^{re-}survey of Seventh Standard Parallel South thru part of R. 3 and subdivisions of T. 36 S. R. 3 E. of the Salt Lake Base and Meridian

executed by Geo. F. Rigby, U.S. Cadastral Engineer and Edie S. C. Smith

under ^{Supplemental} ~~his~~ special instructions dated Sept. 7, 1922

U.S. Transitman

, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

E. A. Johnson
U. S. Surveyor General.

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. Surveyor General

Blank

Page

Blank

Page



Aug

4-670

"A"

BOOK A-464

FIELD NOTES

OF THE SURVEY OF THE

SOUTH BOUNDARY OF T. 22 S., R. 9 E.

AND

BOUNDARIES AND SUBDIVISION

OF

T. 23 S., R. 10 E.

Of the SALT LAKE BASE AND Meridian,

in the State of UTAH

EXECUTED BY

HOWARD W. MILLER

Cadastral Engineer
in the capacity of U. S. Surveyor, under instructions dated February 24, 1922,
issued by the United States Surveyor General to govern surveys included in
Group No. 124, which were approved by the Commissioner of the General Land
Office, March 13, 1922, and assignment instructions dated
May 22, 1922.

Survey commenced July 17, 1922.

Survey completed October 3, 1922.

INDEX DIAGRAM.

Township 23 South, Range 10 East.
 45 46 50 51 52 53

15	6	143	5	115	4	98	3	84	2	69	1	43
	141		140		113		97		82		67	
17	7	137	8	111	9	96	10	81	11	66	12	41
	135		132		110		95		79		65	
18	18	130	17	108	16	93	15	78	14	64	13	39
	127		126		107		92		77		62	
20	19	125	20	105	21	90	22	76	23	60	24	37
	123		122		104		89		75		59	
22	30	121	29	102	28	88	27	73	26	57	25	36
	120		118		101		86		72		56	
24	31	117	32	99	33	85	34	70	35	54	36	34
	26		27		29		30		31		33	

SOUTH BOUNDARY OF T. 22 S., R. 9 E.

4	6	8	10	12	14
6	5	4	3	2	1

BOOK A-464

4-679 b

INDEX DIAGRAM.

Township 23 S Range 10 E
88 90 92 93 94 95

57	• 185 •	157 •	140 •	126 •	111	1	85
	183	181	155	139	124	110	
59	7 179 •	153 •	138 10	123 11	108	12	83
	176	174	152	137	121	107	
60	12 172 17	150 16	135 15	120 14	106	13	81
	169	168	149	134	119	104	
62	19 167 20	147 21	132 22	118 23	102	24	79
	165	164	146	131	117	101	
64	28 163 29	144 30	130 31	115 32	99	33	78
	162	160	143	129	114	98	
66	31 159 32	141 33	127 34	112 35	96	36	75
	68	69	71	72	73	74	

South Boundary T22 S. R9 E.

6-1817

46	48	50	52	54	56
6	5	4	3	2	1

T. 23 S., R. 10 E.

Survey commenced July 17, 1922 and executed with a Buff and Buff transit No. 8964. Instrument is equipped with Smith solar attachment and full vertical circle. The horizontal limbs are provided with two double verniers, placed opposite 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.

The instrument was approved for use on this survey, conditional upon satisfactory field tests, by the Assistant Supervisor of Surveys for district No. 6, in assignment instructions dated May 22, 1922.

For tests of instrument for the survey of the south boundary of T. 22 S., R. 9 E., see tests given in the field notes of the survey of T. 22 S., R. 8 E., group 115, Ut.

Near the beginning of the survey of T. 23 S., R. 10 E., I make a test of the instrument as follows.

August 2, 1922; at my camp located in approximate latitude $38^{\circ}50'$ N., longitude $110^{\circ}50'$ W., at 6h 57m 36.5s^{p.m.}/1. m. t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the star to a rock about 40.00 chs. dist. in a northeasterly direction.

Watch time of observation = 7h 27m 18.5s p.m.

Mean horizontal angle from Polaris to rock = $0^{\circ}46'$ W.

Azimuth of Polaris = $0^{\circ}45'$ W.

True bearing to rock = N. $0^{\circ}01'$ W.

August 3, 1922; with the instrument in the meridian, I set off $38^{\circ}50'$ N., on the latitude arc; $17^{\circ}37'$ N., on the declination arc, and at 8h 30m a.m. app. t., I determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, I make a meridian observation of the sun for time and latitude, observing simultaneously, the

altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	68°44'30"
Reduced latitude	38°50' N. ✓
Mean watch time of observation	12h 6m 4s ✓
Watch fast of l. m. t.	0h23m42s

At app. noon with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 17°35' N., which agrees with the computed declination of the sun.

At 3h 00m p.m. app. t., with the latitude arc unchanged, I set off 17°33' N., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations made on Polaris. For final test of instrument at the completion of the survey of this township, see test given at the beginning of the survey of T. 22 S., R. 10 E., of this group.

Measurements.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 chs. in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Survey of the South Boundary of T. 22 S., R. 3 E.

Chains

From the cor. of Ts. 22 and 23 S., Rs. 8 and 9 E., which is an iron post, 3 ins. diam., firmly set, with brass cap marked and witnessed as described in the notes of the survey of T. 22 S., R. 8 E.

East, bet. secs. 6 and 31.

Descend gradually over mountainous land through scattering timber and undergrowth.

- 2.20 Gulch, 40 ft. below cor., drains N., about 1 ch., thence W., about 3 chs. thence NW.; ascend gradually.
- 9.20 Spur, 50 ft. above gulch, projects NW.; descend abruptly.
- 12.80 Gulch, 70 ft. below spur, drains NW., heads about 2.00 chs. to the S.; ascend gradually.
- 16.80 Spur, 70 ft. above gulch, projects NW., about 2.00 chs. dist.; descend gradually.
- 18.90 Gulch, 40 ft. below spur, drains N. 80° W., about 2.00 chs. thence NW.; ascend gradually.
- 31.50 Spur, 110 ft. above gulch, projects NW.; descend abruptly.
- 36.00 Gulch, 80 ft. below spur, drains NW.; ascend gradually.
- 38.25 On top of spur, 40 ft. above gulch, projects NW.; allowing for convergency.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} \text{S31} \\ \frac{1}{4} \text{---} \\ \text{S6} \\ 1922 \end{array}$$

From which,

A pinon, 10 ins. diam., bears S. 44°45' W., 120 lks. dist., marked $\frac{1}{4}$ S6 BT.

A pinon, 6 ins. diam., bears N. 18°15' W., 77 lks. dist., marked $\frac{1}{4}$ S31 BT.

Thence, descend gradually.

- 39.50 Gulch, 20 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° W.; ascend gradually.
- 44.30 Spur, 80 ft. above gulch, projects NW.; descend gradually.

Survey of the South Boundary of T. 22 S., R. 3 E.

Chains

- 52.50 Gulch, 50 ft. below spur, drains N., about 1.00 chs.,
thence NW.; ascend abruptly.
- 52.40 Spur, 60 ft. above gulch, projects N., about 50 lks.;
descend gradually.
- 54.60 Gulch, 30 ft. below spur, drains NW.; continue descent.
- 57.30 Recross gulch, 10 ft. below last crossing, drains SW.,
about 1.00 chs., thence NW.; ascend abruptly.
- 59.50 Spur, 70 ft. above gulch, projects N., about 2.00 chs.;
descend gradually.
- 61.40 Recross gulch, 20 ft. below spur, drains N., about 2.00 chs.,
thence SW.; ascend gradually.
- 65.30 The N. point of spur, 50 ft. above gulch; descend gradually.
- 67.80 Recross gulch, 20 ft. below point of spur, drains S. 80° W.;
ascend gradually.
- 77.00 Ridge, 70 ft. above gulch, bears NW. and SE.; descend
gradually.
- 78.25 On gentle NE. slope of ridge, 20 ft. below top; on sand-
stone surface rock, mark a cross (X) at the exact cor.,
point, over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 5, 6, 31 and 32, with
brass cap marked.

T22S	R3E
S31	S32
S6	S5
T23S	
1922	

From which,

- A pinon, 12 ins. diam., bears N. 28°15' E., 108 lks.
dist., marked T22S R3E S32 BT.
- A pinon, 10 ins. diam., bears S. 44°15' E., 119 lks.
dist., marked T23S R3E S5 BT.
- A pinon, 24 ins. diam., bears S. 62°30' W., 68 lks.
dist., marked T23S R3E S6 BT.
- A pinon, 18 ins. diam., bears N. 43° W., 22 lks.
dist., marked T22S R3E S31 BT.

Survey of the South Boundary of T. 22 N., R. 19 W., S. 1 E.

Chains		Station
	Land, broken and mountainous with a general northwest exposure and drainage.	00.00
	Soil, shallow clay and sand loam.	04.38
	Undergrowth, scattering shadscale and sagebrush.	
	Timber, scattering cedar and pinon.	08.48
	Fair grazing.	08.58
<hr/>		
	East, bet. secs. 5 and 32.	08.58
	Descend gradually over broken mountainous land through dense timber and scattering undergrowth.	09.10
2.30	Gulch, 20 ft. below cor., drains NW.; ascend gradually.	
19.00	Spur, 120 ft. above gulch, projects N.; descend gradually.	
20.90	Draw, 20 ft. below spur, drains N. 10° W.; ascend gradually.	
30.50	Top of spur and W. rim of ravine, 90 ft. above gulch, spur projects N. 10° W., rim bears N. 10° W. and S. 10° E.; descend abruptly.	
34.00	Ravine, 70 ft. below spur, drains N. 30° W.; ascend gradually.	
34.80	The N. point of spur, 20 ft. above ravine; descend gradually.	
35.50	Ravine, 10 ft. below point of spur, drains NW., about 1.00 chs., thence N. 30° W.; ascend abruptly.	
39.80	The E. rim of ravine, bears NW. and SE.	
40.00	On broken land, 100 ft. above ravine.	
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.	
	$\begin{array}{r} S32 \\ \hline \frac{1}{4} \\ \hline S5 \end{array}$	
	1922	
	From which,	
	A pinon, 6 ins. diam., bears S. 47°30' E., 17 lks. dist., marked 1/4 S5 BT.	
	A pinon, 10 ins. diam., bears N. 74° W., 108 lks. dist., marked 1/4 S32 BT.	

Survey of the South Boundary of T. 22 S., R. 9 E.

Chains

- 42.20 Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend gradually.
- 44.60 Draw, 40 ft. below spur, drains NW., 50 lks. to junction of draw from the E.; ascend gradually.
- 47.60 Spur, 40 ft. above draw, projects N.; descend gradually.
- 48.80 Draw, 10 ft. below spur, drains N., about 3.00 chs., thence NW.; ascend gradually.
- 53.50 Spur, 40 ft. above draw, projects NW.; descend gradually.
- 59.80 Draw, 20 ft. below spur, drains NW.; ascend gradually.
- 71.00 Spur, 100 ft. above draw, projects N.; descend gradually.
- 73.50 Ravine, 30 ft. below spur, drains NW.; ascend gradually.
- 80.00 On broken SW. slope, 40 ft. above ravine.

Set an iron post; 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T22S	R9E
S32	S33
S5	S4
T23S	
1922	

From which,

- A pinon, 10 ins. diam., bears N. 38° E., 75 lks. dist., marked T22S R9E S33 BT.
- A pinon, 10 ins. diam., bears S. 69°30' E., 51 lks. dist., marked T23S R9E S4 BT.
- A pinon, 18 ins. diam., bears S. 84°30' W., 56 lks. dist., marked T23S R9E S5 BT.
- A pinon, 8 ins. diam., bears N. 40°30' W., 91 lks. dist., marked T22S R9E S32 BT.

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

Soil, shallow clay and sand loam.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Survey of the South Boundary of T. 23 S., R. 9 E.

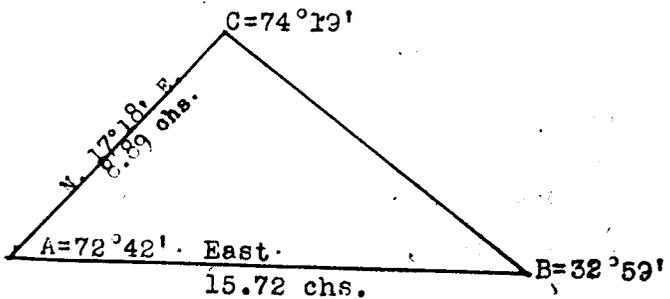
Chains

East, bet. secs. 4 and 33.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

2.00 Gulch, 25 ft. below cor., drains SW.; ascend gradually.
 5.10 Bend in ridge, bears NE. and S., 30 ft. above gulch; descend gradually.

22.17 Top of W. rim of box canyon, 130 ft. below ridge, bears N. and S. Inaccessible ledges make chaining to the E. of this point impracticable, I therefore determine the dist. across canyon by triangulation as follows. Erect flag "A" at the 22.17 chs. point and flag "B" on line E. From flag "A", measure a base line N. 17°18' E., 8.89 chs. dist. and erect flag "C". From flag "C", flag "B" subtends an angle of 74°19' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on line	22.17 chs.
Dist. by triangulation	15.72 chs.
	<u>37.89 chs.</u>

Approximate topography between points of triangulation.

- 26.00 Bottom of box canyon, 200 ft. below rim, drains S., heads about 6.00 chs. to the N.; ascend abruptly.
- 28.00 Sandstone ledge, projects S., 50 lks. dist.; descend abruptly.
- 32.00 Box canyon, 70 ft. below ledge, drains S.; ascend abruptly
- 35.00 The top of E. rim of box canyon, 70 ft. above bottom, bears N. and S.; ascend gradually.
- 37.89 To point of triangulation.
- 40.00 On broken land, 10 ft. above rim of box canyon.
 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the

Survey of the South Boundary of T. 22 S., R. 9 E.

ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

$\frac{1}{4}$
S4

1922

From which,

A pinon, 12 ins. diam., bears N. 81°15' E., 83 lks. dist., marked $\frac{1}{4}$ S33-BT.

A pinon, 12 ins. diam., bears S. 5°30' E., 64 lks. dist., marked $\frac{1}{4}$ S4 BT.

47.10 Spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend gradually.

48.10 The W. rim of canyon, bears NE. and SW.; descend abruptly over ledges.

51.00 Bottom of canyon, 100 ft. below spur, drains SW.; ascend abruptly.

52.40 A rocky point, projects N., 60 ft. above canyon; from this point, a gulch from the E., drains W., into a gulch from the NE., bears 2.00 chs. N.; continue ascent.

56.80 The E. rim of canyon, bears NE. and SW.; thence over broken benchland.

63.50 Spur, 110 ft. above rocky point, projects NW.; descend gradually.

65.50 Draw, 20 ft. below spur, drains NW.; ascend gradually.

78.40 Spur, 70 ft. above gulch, projects NW.; descend gradually.

80.00 On gentle NE. slope, 10 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T22S R9E
S33 S34

S4 S3

T23S

1922

From which,

A pinon, 10 ins. diam., bears N. 83°15' E., 25 lks. dist., marked T22S R9E S34 BT.

Survey of the South Boundary of T. 22 S., R. 2 E.

Chains

A pinon, 10 ins. diam., bears S. 71°30' E., 28 lks. dist., marked T23S R9E S3 BT...

A pinon, 12 ins. diam., bears S. 75° W., 15 lks. dist., marked T23S R9E S4 BT.

A pinon, 8 ins. diam., bears N. 65°30' W., 50 lks. dist., marked T22S R9E S33 BT..

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

Soil, shallow clay and sand loam.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

East, bet. secs. 3 and 34.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

5.40 Draw, 40 ft. below cor., drains N. 80° W.; ascend gradually.

8.30 Road, bears N. and S.

11.20 Ridge, 60 ft. above draw, bears SE. and NW.; descend gradually.

20.00 Head of canyon, 60 ft. below ridge, drains N.; ascend gradually.

23.80 The N. point of spur, 20 ft. above head of canyon; descend gradually,

31.20 Enter bottom of gulch, 20 ft. below point of spur, drains N. 80° W., about 10.00 chs. into canyon.

35.00 Leave gulch; ascend gradually.

40.00 On broken land, 50 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S34
1/4
S3

Survey of the South Boundary of T. 22 S., R. 9 E.

Chains

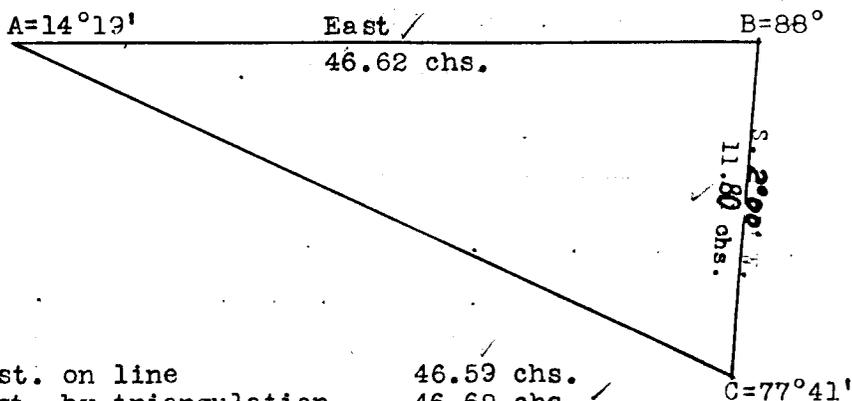
From which,

A pinon, 10 ins. diam., bears S. 6°30' E., 155 lks. dist., marked $\frac{1}{4}$ S3 BT.

A pinon, 8 ins. diam., bears N. 21°15' W., 96 lks. dist., marked $\frac{1}{4}$ S34 BT.

44.80 Low saddle in ridge, 20 ft. above the $\frac{1}{4}$ sec. cor., ridge, bears SE. and N. 80° W.; descend gradually.

46.59 The top of W. rim of box canyon, bears NE. and SW. Inaccessible ledges make chaining to the E. of this point impracticable, I therefore determine the dist. by triangulation as follows. Erect flag "A" at the 46.59 chs. point and flag "B" on line to the E. From flag "B", measure a base line, S. 2° W., 11.80 chs. dist. and erect flag "C". Longer base line could not be obtained. From flag "C", flag "A" subtends an angle of 77°41' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on line 46.59 chs.

Dist. by triangulation 46.62 chs.

33.21 chs.

Dist. by return measurement 7.21 chs.

86.00 chs.

Approximate topography between points of triangulation.

50.00 Bottom of box canyon, 300 ft. below ridge, drains NE.; thence over broken sandstone ledges.

75.00 The NE. point of sandstone spur.

80.00 Point for sec. cor. falls in bottom of box canyon; no cor. set.

86.00 On E. rim of box canyon, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 2, 3, 34 and 35, with

Survey of the South Boundary of T. 22 S., R. 3 E.

Chains

brass cap marked.

	T22S	R3E
	S34	S35
WC	S3	S2
	T23S	
	1922	

From which,

A pinon, 18 ins. diam., bears N. $50^{\circ}15'$ E., 172 lks. dist., marked T22S R3E S35 BT WC.

A pinon, 10 ins. diam., bears S. $20^{\circ}15'$ E., 68 lks. dist., marked T23S R3E S2 BT WC.

A pinon, 3 ins. diam., bears S. $33^{\circ}45'$ W., 107 lks. dist., marked BT.

A pinon, 3 ins. diam., bears N. $68^{\circ}30'$ W., 9 lks. dist., marked BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay and sandy loam.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

East, bet. secs. 2 and 35, count distances from the true point for cor. of secs. 2, 3, 34 and 35.

Ascend abruptly over broken mountainous land through dense timber and scattering undergrowth.

- 6.00 The witness cor. to the cor. of secs. 2, 3, 34 and 35; on E. rim of box canyon.
- 13.21 To point of triangulation.
- 22.70 Ridge, 30 ft. above the witness sec. cor., bears N. and S.; descend abruptly over W. rim of ravine.
- 28.60 Ravine, 160 ft. below ridge, drains N.; ascend abruptly.
- 35.50 Sandstone spur, 140 ft. above ravine, projects N.; descend abruptly.
- 40.00 On steep E. slope, 100 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of the South Boundary of T. 22 S., R. 3 E.

Chains

✓
S35
—
S2

1922

From which,

A pinon, 10 ins. diam., bears S. 15°15' E., 26 lks.
dist., marked $\frac{1}{4}$ S2 BT.

A pinon, 8 ins. diam., bears N. 30° W., 129 lks.
dist., marked $\frac{1}{2}$ S35 BT.

47.80 Gulch, 100 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° W.;
ascend gradually.

64.80 Spur, 110 ft. above gulch, projects N.; descend gradually.

74.50 Gulch, 110 ft. below spur, drains N.; ascend gradually.

80.00 On broken land, 20 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T22S	R9E
S35	S36
S2	S1
T23S	
1922	

From which,

A pinon, 8 ins. diam., bears N. 23° E., 10 lks.
dist., marked BT. Tree too scrubby for other marks.

A pinon, 10 ins. diam., bears S. 69° E., 80 lks.
dist., marked T23S R9E S1 BT.

A pinon, 12 ins. diam., bears S. 15°45' W., 78 lks.
dist., marked T23S R9E S2 BT.

A pinon, 18 ins. diam., bears N. 17°45' W., 135 lks.
dist., marked T22S R9E S35 BT.

Land, broken and mountainous with a general northerly
exposure and drainage.

Soil, shallow clay and sand, mixed with loose shale.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Survey of the South Boundary of T. 22 S., R. 9 E.

Chain

East, bet. sec. 1 and 36.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

1.00 Spur, 20 ft. above cor., projects N. 10° W.; descend abruptly.4.00 Ravine, 70 ft. below spur, drains N. 10° W.; ascend abruptly.

14.00 Spur, 160 ft. above ravine, projects N.; descend abruptly.

17.00 Gulch, 70 ft. below spur, drains N.; ascend gradually.

20.00 In broken land, 70 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 136 \\ \frac{1}{2} \\ \hline 21 \\ 10.2 \end{array}$$

Iron pins,

A pin, 10 ins. diam., bears S. 41° E., 13 lks.

Dist., marked; S1 BT.

A pin, 10 ins. diam., bears N. $52^{\circ}30'$ W., 42 lks.

Dist., marked; S36 BT.

45.00 Spur, 100 ft. above the $\frac{1}{2}$ sec. cor., projects N. 10° W.; descend gradually.

47.00 Sandstone ledge, 100 ft. high, which forms the W. rim of ravine, bears N. and E.

50.00 Edge of ravine, 250 ft. below spur, drains N.; ascend abruptly.

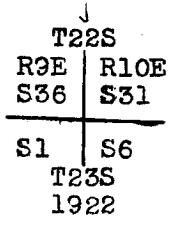
61.00 Top of E. rim of ravine, 180 ft. above bottom, bears N. and E.; ascend gradually.

60.00 On top of ridge, 200 ft. above E. rim of ravine, bears N. and E.; on sandstone surface rock, mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a large mound of stone, for cor. of Tc. 22 and 23 S., R. 9 and 10 E., with brass cap marked.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains



From which,

- A pinon, 12 ins. diam., bears N. 82° E., 108 lks. dist., marked T22S R10E S31 BT.
- A pinon, 4 ins. diam., bears S. 78°15' E., 114 lks. dist., marked T23S R10E S6 BT.
- A pinon, 10 ins. diam., bears S. 32° W., 68 lks. dist., marked T23S R9E S1 BT.
- A pinon, 8 ins. diam., bears N. 64°45' W., 84 lks. dist., marked T22S R9E S36 BT.

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

Soil, shallow clay, sand and gypsum, mixed with shale and loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Note: Having only one set of chainmen during the survey of the S. bdy. of T. 22 S., R. 9 E., I have all readings of the tape and slope angles read twice.

Survey of the West Boundary of T. 23 S., R. 10 E.

From the cor. of Ts. 22 and 23 S., Rs. 9 and 10 E.

South, bet. secs. 1 and 6.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

12.30 Gulch, 60 ft. below cor., drains NW.; ascend gradually.

40.00 On broken land, 100 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

$$\begin{array}{c} \checkmark \\ \frac{1}{4} \\ \hline S1 | S6 \\ 1922 \end{array}$$

From which,

A pinon, 10 ins. diam., bears S. $63^{\circ}15'$ E., 122 lks.
dist., marked $\frac{1}{4}$ S6 BT.

A pinon, 8 ins. diam., bears S. $65^{\circ}45'$ W., 66 lks.
dist., marked $\frac{1}{4}$ S1 BT.

58.30 Top of rolling bench, 80 ft. above the $\frac{1}{4}$ sec. cor., bears
NW. and S. 10° E.; descend gradually.

80.00 On sandstone surfacerock, mark a cross (X) at the exact
cor. point, over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 1, 6, 7 and 12, with
brass cap marked.

$$\begin{array}{c} T23S \\ \hline R9E | R10E \\ S1 | S6 \\ \hline S12 | S7 \\ 1922 \end{array}$$

From which,

A pinon, 10 ins. diam., bears N. 56° E., 117 lks.
dist., marked T23S R10E S6 BT.

A pinon, 8 ins. diam., bears S. $15^{\circ}15'$ E., 27 lks.
dist., marked T23S R10E S7 BT.

A pinon, 10 ins. diam., bears S. $61^{\circ}15'$ W., 76 lks.
dist., marked T23S R9E S12 BT.

A pinon, 8 ins. diam., bears N. $42^{\circ}45'$ W., 90 lks.
dist., marked T23S R9E S1 BT.

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

Soil, sand and clay loam, mixed with loose sandstone.

Undergrowth, scattering bitter brush.

Timber, dense cedar and pinon.

Fair grazing.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

South, bet. secs. 7 and 12.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

13.50 Head of canyon, 60 ft. below cor., drains SW.; ascend gradually.

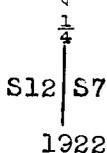
29.40 Rocky spur, 60 ft. above head of canyon, projects W.; descend gradually.

36.70 Sandstone ledge, 40 ft. high, which forms the N. rim of ravine, bears N. 80° W. and S. 80° E.

38.90 Bottom of ravine, 170 ft. below spur, drains N. 80° W.; ascend gradually.

40.00 On S. side of ravine.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A pinon, 14 ins. diam., bears S. 58° E., 56 lks. dist., marked $\frac{1}{4}$ S7 BT.

A pinon, 10 ins. diam., bears N. 43°45' W., 32 lks. dist., marked $\frac{1}{4}$ S12 BT.

42.00 Top of S. rim of ravine, bears NE. and SW.

51.30 Spur, 80 ft. above ravine, projects SW.; descend gradually.

60.50 The N. rim of canyon, ^{70 ft. below spur} bears NE. and SW.; descend abruptly over ledges. ^{135 ft. below rim}

63.20 Wash, in bottom of canyon, drains SW. Thence, over bottom of canyon.

63.30 Wash in bottom of canyon, drains SW.

70.80 Wash in S. fork of ^{Devil} canyon, drains NW., about 5.00 chs., thence SW.; bottom of canyon is 340 ft. below spur.

72.60 Begin abrupt ascent over broken sandstone ledges, bears NE. and SW.

78.30 Top of S. rim of canyon, bears NE. and SW.

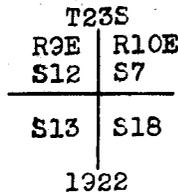
80.00 On broken land, 170 ft. above bottom of canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

cor. of secs. 7, 12, 13 and 18; with brass cap marked.



From which,

A pinon, 6 ins. diam., bears N. 34°45' E., 43 lks. dist., marked T23S R10E S7 BT.

A cedar, 3 ins. diam., bears S. 23°15' E., 68 lks. dist., marked BT.

A pinon, 20 ins. diam., bears S. 25° W., 167 lks. dist., marked T23S R9E S13 BT.

A pinon, 10 ins. diam., bears N. 45°30' W., 73 lks. dist., marked BT. Tree too scrubby for other marks.

Land, rough and mountainous with a general southwesterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

South, bet. secs. 13 and 18.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

1.50 Spur, 10 ft. above cor., projects NE.; descend gradually.

2.50 Deep canyon, bears E., 50 lks. dist., drains N. 10° E., about 10.00 chs., thence NW.

3.30 Bend in canyon, 20 ft. below spur, drains from SE. to NE.; ascend gradually.

11.20 Rocky point, 90 ft. above bend in canyon, projects E.; descend gradually.

18.30 Base of descent, 30 ft. below rocky point, bears E. and W.; ascend gradually.

26.80 Rocky point, projects NE., 120 ft. above base of descent;

SURVEY OF THE WEST BOUNDARY OF T. 23 S., R. 10 E.

Chains

continue gradual descent.

40.00 On broken land, 100 ft. above rocky point.

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S13	|	S18
1922		

From which,

A pinon, 10 ins. in diam., bears N. 75° E., 35 lks. dist., marked $\frac{1}{2}$ S 18 BT.

A pinon, 6 ins. in diam., bears S. 46° W., 35 lks. dist., marked $\frac{1}{2}$ S 13 BT.

48.80 To point on high ledge on E. side of Copper Globe Peak, over which I am unable to chain; to pass peak, I offset as follows:

East, 1.10 chs.; thence S., on offset line.

54.00 Head of draw, 40 ft. deep, drains NE.; ascend gradually.

57.40 Spur, 40 ft. above draw, projects N. 80° E.; descend gradually.

67.70 Top of abrupt descent over broken S. slope, bears E. and W.

69.90 Top of high ledge and N. rim of head of box canyon, bears NE. and SW.

73.90 Small draw at base of ledge, 350 ft. below spur, drains SW., about 10.00 chs., thence S., into Red Canyon; ascend abruptly.

78.33 Offset W., 1.10 chs. to point on true line, on which at

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T23S	
R9E	R10E
S13	S18
S24	S19
1922	

SURVEY OF THE WEST BOUNDARY OF T. 23 S., R. 10 E.

Chains	From which,
	<p>A pinon, 8 ins. in diam., bears N. 13°30' E., 95 lks. dist., marked T23S R10E S18 BT.</p> <p>A pinon, 6 ins. in diam., bears S. 27° E., 20 lks. dist., marked BT. Tree too scrubby for other marks.</p> <p>A pinon, 10 ins. in diam., bears S. 34° W., 20 lks. dist., marked T23S R9E S24 BT.</p> <p>A pinon, 8 ins. in diam., bears N. 70°45' W., 42 lks. dist., marked T23S R9E S13 BT.</p> <p>Land, broken and mountainous with a general westerly exposure and drainage.</p> <p>Soil, shallow sand and clay, mixed with loose sandstone.</p> <p>Undergrowth, scattering shadscale and sagebrush.</p> <p>Timber, dense cedar and pinon.</p> <p>Fair grazing.</p>
	<p>South, bet. secs. 19 and 24.</p> <p>Over broken mountainous land through dense timber and scattering undergrowth.</p>
.50	Top of N. rim of Red Canyon, bears NE. and SW.; thence, across Red Canyon, 300 ft. deep, drains SE.; canyon forms box, about 2.00 chs. to the W. of line.
4.90	Top of S. rim of Red Canyon, bears SE. and W.; thence over broken land.
19.00	Base of sandstone ledge, about 100 ft. high, bears NW. and SE.
19.83	To point on NE. face of ledge; it being impossible to continue my line S., from this point on account of inaccessible ledges, I traverse as follows: S. 23° E., 1.99 chs. thence S. 80° W., 75 lks. to
21.79	Point on true line at S. base of ledge and small saddle in solid sandstone ridge, bears NW. and SE.; thence over broken ledges, facing SW.
30.07	As the point for the $\frac{1}{4}$ sec. cor. will fall on inaccessible ledges where it will be impossible to set cor.; at this point, on top of high ledge and break of point, bears NW. and SE.; on sandstone surfacerock, mark a cross (X), at the exact witness corner

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

point, over which.

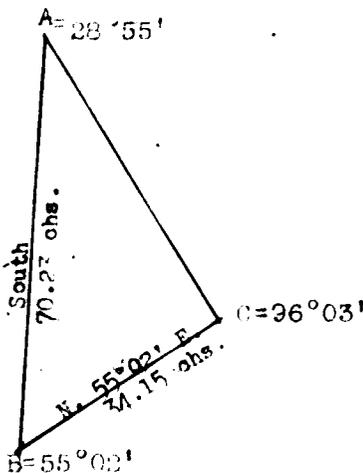
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked.



1922

No suitable bearing trees available.

Inaccessible sandstone ledges make chaining to the S. of this cor., impracticable, I therefore determine the dist. by triangulation as follows. Erect flag "A" at the 30.07 chs. point and flag "B" on line S. From flag "B", measure a base line, N. 55°02' E., 34.15 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 36°03' from flag "B". All angles checked by deflection and all bearings checked by direct reading of the solar.



Dist. on line	30.07 chs.
Dist. by triangulation	70.23 chs.
Dist.	<u>100.30 chs.</u>
Dist. by return measurement	20.30 chs.
	<u>80.00 chs.</u>

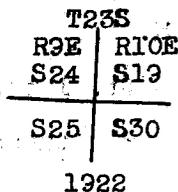
Approximate topography between points of triangulation.

- 40.00 Point for the $\frac{1}{4}$ sec. cor., falls in inaccessible ledges; no cor. set.
- 60.00 Bottom of Red Canyon, 1000 ft. deep, drains SW.
- 80.00 On broken land at base of E. point of high ledge.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.

Survey of the West Boundary of T. 23 S., R. 16 E.

Chains



From which,

A pinon, 8 ins. diam., bears S. 36°30' E., 197 lks. dist., marked T23S R10E S30 BT.

A pinon, 6 ins. diam., bears S. 20° W., 160 lks. dist., marked T23S R9E S25 BT.

No other suitable bearing trees available.

Deposit a memorial at base of monument, which is a sandstone, 8 x 4 x 4 ins., marked with a cross (X).

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

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

South, between secs. 25 and 30.

Over broken mountainous land through dense timber and scattering undergrowth.

- 12.90 Draw, 40 ft. deep, drains SW.; ascend abruptly 300 ft. to
 - 19.10 Brink of ledge, 25 ft. high, bears NE. and SW.
 - 20.30 To point of triangulation at top of ledge, bears NE. and SW. Thence over top of spur, projects SW.
 - 22.00 Brink of ledge, bears NE. and SW.; descend abruptly over broken land.
 - 39.50 Ravine, 390 ft. below ledge, drains SW.; ascend gradually over broken N. slope of ravine.
 - 40.00 On S. side of ravine, 10 ft. above bottom.
- Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

$\frac{1}{4}$
 S25 | S30
 1922

From which,

A pinon, 12 ins. diam., bears S. 44° E., 34 lks.
 dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 9 ins. diam., bears N. 15°45' W., 45 lks.
 dist., marked $\frac{1}{4}$ S25 BT.

63.90 Spur, 130 ft. above ravine, projects SW.; descend along precipitous S. and E. slopes.

78.60 Spur, 110 ft. below last spur, projects S. 20° E.; continue descent.

80.00 On broken land, 20 ft. below last spur.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T23S
 R9E | R10E
 S25 | S30

 S36 | S31
 1922

From which,

A pinon, 4 ins. diam., bears N. 20°30' E., 114 lks.
 dist., marked BT. Tree too scrubby for other marks.

A pinon, 8 ins. diam., bears S. 60°45' E., 111 lks.
 dist., marked T23S R10E S31 BT.

A pinon, 12 ins. diam., bears S. 55°30' W., 180 lks.
 dist., marked T23S R9E S36 BT.

A pinon, 10 ins. diam., bears N. 21°45' W., 141 lks.
 dist., marked BT. Tree too scrubby for other marks.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains	
	South, bet. secs. 31 and 36. Over broken mountainous land through dense timber and scattering undergrowth.
5.30	The N. rim of ravine, bears NE. and SW.
7.70	Ravine, 70 ft. below cor., drains SE., about 1.00 chs. to main ravine from the NE.; descend gradually.
10.50	Point on N. rim of a ravine, projects E., about 1.00 chs.; continue descent.
12.00	Ravine, 90 ft. below last ravine, drains SW.; ascend gradually over broken N. slope.
21.50	Top of S. rim of ravine, bears NE. and SW.
23.90	Spur, 90 ft. above ravine, projects SW.; descend abruptly.
27.70	Gulch, 90 ft. below spur, drains SW.; ascend gradually.
30.00	Spur on N. rim of ravine, 40 ft. above gulch, spur, projects SW., rim bears NE. and SW.; descend abruptly.
33.60	Ravine, 150 ft. below spur, drains SW.; ascend abruptly.
38.40	The S. rim of ravine, 60 ft. above last ravine, bears NE. and SW.; thence across ravine, 40 ft. deep, drains SW.
39.00	The S. rim of ravine, bears NE. and SW.; 40 ft. above bottom of ravine.
40.00	On steep S. slope, 20 ft. below S. rim of ravine. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} \frac{1}{4} \\ \text{S36} \mid \text{S31} \\ 1922 \end{array}$
	From which, A pinon, 8 ins. diam., bears N. $3^{\circ}30'$ E., 110 lks. dist., marked $\frac{1}{4}$ S31 BT. A pinon, 10 ins. diam., bears S. $24^{\circ}15'$ W., 311 lks. dist., marked $\frac{1}{4}$ S36 BT.
42.70	Ravine, 60 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradually.

Survey of the West Boundary of T. 23 S., R. 10 E.

Chains

- 43.60 The S. rim of ravine, 60 ft. above bottom, bears NE. and SW.; ascend gradually.
- 44.60 Spur, 20 ft. above rim of ravine, projects SW.; descend gradually.
- 47.10 Draw, 40 ft. below spur, drains W.; ascend gradually.
- 52.60 Ascent becomes abrupt, bears E. and W.
- 63.00 Top of ascent on N. edge of ridge, 365 ft. above draw, bears E. and W.; thence over level top of ridge.
- 65.10 The S. edge of ridge, bears E. and W.; descend abruptly over sandstone ledges.
- 80.00 On the S. bank of wash, 340 ft. below ridge, drains NW. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 23 and 24 S., Rs. 9 and 10 E., with brass cap marked.

T23S	
R9E	R10E
S36	S31
S1	S6
T24S	
1922	

From which,

- A cedar, 8 ins. diam., bears N. 18° E., 82 lks. dist., marked T23S R10E S31 BT.
- A pinon, 10 ins. diam., bears S. $41^{\circ}30'$ E., 133 lks. dist., marked T24S R10E S6 BT.
- A pinon, 10 ins. diam., bears S. $31^{\circ}45'$ W., 160 lks. dist., marked T24S R9E S1 BT.
- A pinon, 8 ins. diam., bears N. $30^{\circ}30'$ W., 158 lks. dist., marked T23S R9E S36 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and bitter brush.

Timber, dense cedar and pinon.

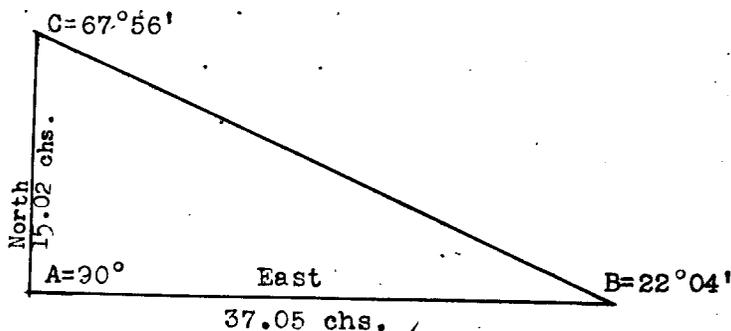
Fair grazing.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

From the cor. of T. 23 and 24 S., R. 9 and 10 E. East, bet. secs. 6 and 31.

The line to the E. of this cor., passes through dense timber and scattering undergrowth and over inaccessible sandstone ledges which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at the township cor., and flag "B" on line E. From flag "A", measure a base line, N., 15.02 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 22°04' from flag "A". All bearing checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 37.05 chs.

37.05 To point of triangulation at top of ridge, bears N. and S. 610 ft. above tp. cor.

From this point, the S. edge of Family Rock, which is a prominent group of six/pinnacles, bears N., 1.50 chs. dist. ; descend abruptly over broken E. slope of ridge.

38.84 On steep E. slope, 50 ft. below ridge, allowing for convergency. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

$$\frac{S31}{\frac{1}{4}}$$

$$S6$$

 1922

From which,

A pinon, 8 ins. diam., bears N. 47°45' E., 154 lks. dist., marked 1/4 S31 BT.

A pinon, 14 ins. diam., bears S. 74°30' E., 201 lks. dist., marked 1/4 S6 BT.

58.30 Draw, 140 ft. below the 1/4 sec. cor., drains NE.; ascend gradually.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

- 64.70 Spur, 20 ft. above draw, projects NE.; descend gradually.
- 70.40 Gulch, 30 ft. below spur, drains NE.; ascend gradually.
- 78.84 On broken land, 30 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T23S	R10E
S31	S32
S6	S5
T24S	
1922	

From which,

- A pinon, 10 ins. diam., bears N. 73° E., 73 lks. dist., marked T23S R10E S32 FT.
- A pinon, 16 ins. diam., bears S. 31° E., 163 lks. dist., marked T24S R10E S5 FT.
- A pinon, 16 ins. diam., bears S. 80° W., 94 lks. dist., marked T24S R10E S6 FT.
- A pinon, 16 ins. diam., bears N. 57° 30' W., 100 lks. dist., marked T23S R10E S31 FT.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shedscale, sage and bitter brush.

Timber, dense cedar and pinon.

Fair grazing.

East, bet. secs. 5 and 32.

Over broken mountainous land through scattering undergrowth and dense timber.

- 2.70 Spur, 20 ft. above cor., projects NE.; descend abruptly.
- 6.50 The E. brink of high ledge, bears N. and S. 10° W.
- 13.31 The line to the E. of this point, crosses over high point on ledge; to pass ledge, I traverse as follows.

- E. 85° E., 7.06 chs.
- N. 85° E., 7.06 chs.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

581410

Approximate topography on true line,

16.40 Wash in bottom of draw, 30 lks. wide, 4 ft. deep, 170 ft. below spur, drains S., about 10.00 chs., thence E.; ascend abruptly.

20.30 The S. point of high sandstone ledge, 100 ft. above draw; timber becomes scattering, bears N. and S.; thence over broken land.

27.37 To point on true line.

40.00 On broken land, 100 ft. below sandstone point.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S32
$\frac{1}{4}$
S5
1922

From which,

A pinon, 8 ins. diam., bears S. $28^{\circ}30'$ E., 79 lks. dist., marked $\frac{1}{4}$ S5 BT.

A cedar, 20 ins. diam., bears N. $9^{\circ}15'$ W., 45 lks. dist., marked $\frac{1}{4}$ S32 BT.

Thence ascend gradually.

45.40 Top of low elongated knoll, 40 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually.

80.00 On the W. side of wash in draw, 70 ft. below knoll. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T23S	R10E
S32	S33
S5	S4
T24S	
1922	

From which,

A cedar, 6 ins. diam., bears N. $7^{\circ}30'$ E., 285 lks. dist., marked T23S R10E S33 BT.

No other bearing trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon on W. portion of mile, scattering cedar and pinon on E. portion.

Fair grazing.

East, bet. secs. 4 and 33.

Over broken mountainous land through scattering timber and scattering undergrowth.

1.00 Wash in draw, 10 ft. below cor., drains SE.; ascend gradually.

16.10 Wash, 50 lks. wide, 20 ft. deep, drains S. 10° E.

20.20 Leave timber, bears N. and S.

38.20 Ridge, 40 ft. above draw, bears N. and S.; from this point, Tan Seep, bears S. 5° E., about 16.00 chs. dist.; descend gradually.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

$\frac{1}{4}$

S4

1922

Deposite a memorial alongside cor., which is a sandstone, 16 x 8 x 6 ins., marked with a cross (X).

Pits impracticable.

46.70 The W. brink of Tan Seep draw, bears N. and S.

53.40 Wash in bottom of Tan Seep draw, 60 ft. below ridge, drains S. 10° W.; road in bottom of draw, bears S. 10° W. and N.; ascend gradually.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

1000

- 55.80 The E. brink of Tan Seep draw, 50 ft. above bottom, bears N. and S.; continue gradual ascent.
- 66.80 Spur, 40 ft. above E. brink of draw, projects SW.; descend gradually.
- 70.60 Wash in draw, 20 ft. below spur, drains SW.; ascend gradually.
- 70.90 Road to Tan Seep, bears NE. and SW.
- 80.00 On broken land, 20 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T23S	R10E
S33	S34
S4	S3
T24S	
1922	

Deposit a memorial alongside of cor., with is a limestone, 16 x 8 x 6 ins., marked with a cross (X). Pits impracticable. Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and yellow brush.

Timber, scattering cedar and pinon on W. portion of mile.

Fair grazing:

East, bet. secs. 3 and 34.

Over rolling bench land through scattering undergrowth,

- 11.80 Ridge, 30 ft. above cor., bears NE. and SW.; descend gradually.

- 33.70 Draw, 20 ft. below ridge, drains SW.; ascend gradually.

- 40.00 On broken land, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34
$\frac{1}{4}$
S3
1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

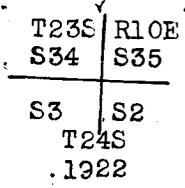
Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

58.80 Spur, 70 ft. above the 1/4 sec. cor., projects N.; descend gradually.

60.50 Draw, 20 ft. below spur, drains NW.; about 10.00 chs., thence SW.; ascend gradually.

80.00 On gentle S. slope of ridge, 40 ft. above draw. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling bench land with a general southwesterly exposure and drainage.

Soil, shallow clay mixed with loose limestone.

Undergrowth, scattering shadscale, yellow and black sage brush.

No timber.

Fair grazing.

East, bet. secs. 2 and 35.

Ascend gradually over broken S. slope, through scattering undergrowth.

7.40 Spur, 30 ft. above cor., projects SW., 1.00 chs. dist.; descent gentle SE. slope.

13.50 Wash, 20 lks. wide, 10 ft. deep, in draw, 50 ft. below spur, drains SW.; ascend gentle NW. slope.

19.30 Ridge, 20 ft. above draw, bears NE. and SW.; descend gentle SE. slope.

30.10 Draw, 60 ft. below ridge, drains S.; ascend gentle W. slope.

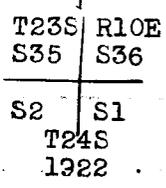
34.00 Spur, 20 ft. above draw, projects S.; descend gentle E. slope.

40.00 At head of draw, 20 ft. below spur, drains SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

Survey of the South Boundary of T. 123 N., R. 10 E.

- Chains
- 335
- $\frac{1}{4}$ S2
- 1922
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 44.10 Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects S.; descend gradually.
- 52.80 Wash, 30 lks. wide, 5 ft. deep, in bottom of draw, 70 ft. below spur, drains SE.; ascend gentle W. slope.
- 57.00 Spur, 20 ft. above draw, projects S.; descend gradually.
- 64.00 Enter Taylor Flat, 40 ft. below spur, bears N. and S.; thence across flat.
- 73.00 Dam for a small pond, bears S., about 8.00 chs. dist.
- 75.00 Wash, 10 lks. wide, 2 ft. deep, in bottom of large draw, drains S. 10° W.; enter scattering timber, bears N. and S.
- 80.00 At E. edge of Taylor Flat, bears N. and S.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.



- From which,
- A pinon, 18 ins. diam., bears N. $35^\circ 15'$ E., 235 lks. dist., marked T23S R10E S36 BT.
- A pinon, 16 ins. diam., bears S. $62^\circ 15'$ E., 132 lks. dist., marked T24S R10E S1 BT.
- A cedar, 8 ins. diam., bears N. 19° W., 88 lks. dist., marked T23S R10E S35 BT.

No SW. bearing tree available.

Deposit a memorial alongside cor., which is a sandstone, 16 x 8 x 8 ins., marked with a cross (X).

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

Soil, shallow clay, mixed with loose limestone.

Undergrowth, scattering shrubs, yellow pine brush.

Survey of the South Boundary of T. 23 S., R. 10 E.

Chains

Timber, scattering cedar and pinon on extreme E. portion
of mile.
Fair grazing.

East, bet. secs. 1 and 36.

Ascend abruptly over broken mountainous land through
scattering timber and undergrowth.

4.10 The W. end of rocky point; continue ascent.

7.00 Spur, 110 ft. above cor., projects NW.; descend gradually.
over broken S. slope.

30.90 Draw, 60 ft. below spur, drains S.; ascend gentle W. slope.

34.20 Spur, 60 ft. above draw, projects SW.; descend gentle
E. slope.

40.00 On gentle E. slope, 60 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S36
 $\frac{1}{4}$ —————
S1
1322

From which,

A cedar, 10 ins. diam., bears N. 20° E., 341 lks.
dist., marked $\frac{1}{4}$ S36 BT.

A cedar, 10 ins. diam., bears S. 6° W., 145 lks.
dist., marked $\frac{1}{4}$ S1 BT.

50.50 Head of draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SW.;
ascend gradually.

51.30 Old road, bears NE. and SW.

56.50 Low saddle in ridge, 30 ft. above draw, bears SE. and NW.;
continue gradual ascent over broken S. slope.

74.90 Spur, 30 ft. above ridge, projects S., 1.00 chs. dist.;
descend gradually.

78.20 Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, 60 ft.
below spur, drains N., about 10.00 chs.; continue
gradual descent.

80.00 On gentle W. slope, 20 ft. below draw.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 23 and 24 S., Rs. 10 and 11 E., with brass cap marked.

T23S	
R10E	R11E
S36	S31
S1	S6
T24S	
1922	

From which,

A pinon, 10 ins. diam., bears N. 61° E., 134 lks. dist., marked T23S R11E S31 BT.

A pinon, 8 ins. diam., bears N. 66° 15' W., 470 lks. dist., marked T23S R10E S36 BT..

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay, mixed with loose limestone.

Undergrowth, scattering shadscale, yellow and black sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

SURVEY OF THE EAST BOUNDARY OF T. 23 S., R. 10 E.

From the cor. of Ts. 23 and 24 S., Rs. 10 and 11 E. North, bet. secs. 31 and 36.

Over broken mountainous land through scattering scrub timber and undergrowth.

7.00 Wash, 10 lks. wide, 3 ft. deep, drains NE.

3.00 Wash, 10 lks. wide, 3 ft. deep, in bottom of draw, 110 ft. below cor., drains E.; ascend gradually.

30.00 Ridge, 120 ft. above draw, bears E. and W.; descend gradually.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

37.70 Draw, 30 ft. below ridge, drains NE.; ascend gradually.

40.00 On broken land, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	$\frac{1}{4}$	
S36	|	S31
1922		

From which,

A pinon, 8 ins. diam., bears S. 58° E., 85 lks.
dist., marked $\frac{1}{4}$ S31 BT.

A pinon, 12 ins. diam., bears S. $55^{\circ}15'$ W., 225 lks.
dist., marked $\frac{1}{4}$ S36 BT.

44.00 Ridge, 30 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and NW.;
descend gradually.

62.00 Draw, 40 ft. below ridge, drains E.; ascend gradually.

69.20 Spur, 100 ft. above draw, projects E.; descend gradually,
across small draw, drains SE.

80.00 On gentle S. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs, 25, 30, 31 and 36, with brass cap marked.

	T23S		
R10E	|	R11E	
S25	|	S30	
S36	|	S31	

From which,

1922

A pinon, 6 ins. diam., bears N. $60^{\circ}45'$ E., 159 lks.
dist., marked BT. Tree too scrubby for other marks.

A pinon, 8 ins. diam., bears S. 14° E., 34 lks.
dist., marked BT. Tree too scrubby for other marks.

A pinon, 8 ins. diam., bears S. $62^{\circ}15'$ W., 33 lks.
dist., marked T23S R10E S36 BT.

A pinon, 8 ins. diam., bears N. $46^{\circ}30'$ W., 27 lks.
dist., marked BT. Tree too scrubby for other marks.

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

Survey of the East Boundary of T. 23 S., R. 10 E.

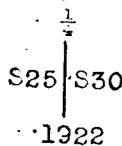
Chains

Soil, shallow clay, mixed with loose limestone.
 Undergrowth, scattering shadscale and black sagebrush.
 Timber, scattering cedar and pinon.
 Fair grazing.

North, bet. secs. 25 and 30.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

- 4.10 Ridge, 30 ft. above cor., bears E. and S. 10° W.; descend gradually.
- 8.30 Descent becomes abrupt, bears E. and W.
- 15.90 Timber becomes scattering, bears E. and W.
- 17.20 Wash, 30 lks. wide, 4 ft. deep, in bottom of draw, drains SE.; road, in bottom of wash, bears NE. and SW.; continue gradual descent.
- 24.00 Recross wash, drains from NE. to S. 10° W.
- 26.90 Recross wash; 170 ft. below ridge, drains from NW. to SE.; ascend gradually.
- 31.20 Spur, 60 ft. above wash, projects W., about 2.00 chs. dist.; descend gradually.
- 35.00 Draw, 30 ft. below spur, drains SW.; ascend gradually.
- 40.00 On broken land, 20 ft. above draw.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A pinon, 8 ins. diam., bears S. 84°30' E., 225 lks. dist., marked $\frac{1}{4}$ S30 BT.

A cedar, 8 ins. diam., bears West, 72 lks. dist., marked $\frac{1}{4}$ S25 BT.

- 41.90 Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend gradually.

Chains

- 57.00 Draw, 30 ft. below spur, drains SW.; ascend gentle S. slope.
- 52.80 Ridge, 20 ft. above draw, bears E. and W.; descend gentle N. slope.
- 74.40 Draw, 30 ft. below ridge, drains SW.; ascend gradually.
- 80.00 On broken land, 30 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12, 24, 25 and 30, with brass cap marked.

T235	
R10E	R11E
S24	S12
S25	S30

1922

From which,

A pinon, 8 ins. diam., bears N. 20° 30' E., 324 lbs. dist., marked T235 R11E S12 PT.

A pinon, 14 ins. diam., bears N. 18° 10' W., 317 lbs. dist., marked T235 R10E S24 PT.

No other suitable bearing trees available.

Deposit a memorial alongside cor., which is a sandstone, 6 x 6 x 2 ins., marked with a cross (X).

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

Soil, shallow clay and sand, mixed with loose lime and sandstone.

Undergrowth, scattering shade-leaf and yellow brush.

Timber, dense cedar and pinon on E. portion of mile, scattering cedar and pinon on W. portion.

Fair grazing.

North, bet. secs. 12 and 24.

Ascend gradually over broken mountainous land through scattering timber and undergrowth.

- 6.60 Low ridge, 60 ft. above cor., bears N. 10° W. and SE.; continue ascent.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

13.50 Low saddle in same ridge, 20 ft. above last point on ridge, bears N. 10° E. and S. 10° W.; timber becomes dense, bears E. and W.; continue ascent.

33.00 Recross same ridge, 70 ft. above low pass, bears NW. and SE.; descend gradually.

40.00 On gentle NE. slope, 20 ft. below top of ridge. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked,

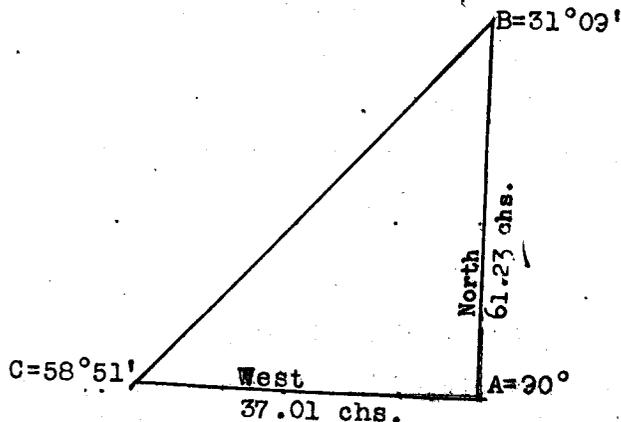
1/4
S24 | S19
1922

From which,

A pinon, 10 ins. diam., bears S. 2° E., 172 lks. dist., marked 1/4 S19 BT.

A pinon, 10 ins. diam., bears S. 13° W., 69 lks. dist., marked 1/4 S24 BT.

From this cor., the broken S. slope of Block Mountain makes chaining impracticable, I therefore determine the dist. to top of mountain by triangulation as follows. Erect flag "A" at the cor. of secs. 19, 24, 25 and 30, and flag "B" on line N. at top of mountain. From flag "A", measure a base line W., 37.01 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 31°09'. All bearings checked by direct reading of the solar and all angles checked by deflection.



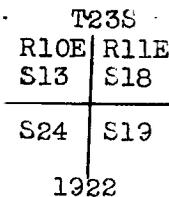
Distance by triangulation = 61.23 chs.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

61.23 To point of triangulation at top of ledge on top of .
ledge rim and 450 ft. above $\frac{1}{2}$ sec. cor.
Block Mountain, 100 ft. high; mountain bears E. and W.;
low pass in mountain extends NW. from point of ledge;
ledge bears E. and W. 1.00 chs. thence N.; descend
abrupt N. slope of mountain,

80.00 At base of steep N. slope, 475 ft. below 61.23 chs. point.
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 13, 18, 19 and 24, with brass cap marked.



From which,

A pinon, 10 ins. diam., bears N. 13° E., 113 lks.
dist., marked T23S R11E S18 BT.

A pinon, 10 ins. diam., bears S. $52^{\circ}30'$ E., 81 lks.
dist., marked T23S R11E S19 BT.

A pinon, 8 ins. diam., bears S. 12° W., 143 lks.
dist., marked T23S R10E S24 BT.

A cedar, 14 ins. diam., bears N. $27^{\circ}15'$ W., 71 lks.
dist., marked T23S R10E S13 BT.

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

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar and pinon.

Fair grazing.

North, bet. secs. 13 and 18.

Descend gradually over broken mountainous land through
scattering timber and scattering undergrowth.

1.80 Draw, 20 ft. below cor., drains NW.; ascend gradually.

6.30 Draw, 20 ft. deep, drains NW.; continue ascent.

8.00 Spur, 30 ft. above the draw at the 1.80 chs. point,
projects NW.; descend gradually.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

- 10.60 Draw, 30 ft. below spur, drains NW.; ascend gradually.
- 14.50 Spur, 50 ft. above draw, projects W.; descend gradually.
- 28.10 Draw, 70 ft. below spur, drains N. 30° E.; ascend gradually.
- 34.20 Draw, 20 ft. deep, drains NE.; continue ascent.
- 40.00 On gentle SE. slope, 80 ft. above the draw at the 28.10 chs. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S13 | S18
1922

From which,

A pinon, 10 ins. diam., bears N. 68° E., 123 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 14 ins. diam., bears S. 76°30' W., 32 lks. dist., marked $\frac{1}{4}$ S13 BT.

- 44.70 Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradually.

- 59.00 Wash, 10 lks. wide, 4 ft. deep, drains NE., about 10.00 chs. to main wash; continue descent.

- 68.70 Wash, 50 lks. wide, 10 ft. deep, in bottom of draw, 60 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually.

- 80.00 On gentle E. slope, 40 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T23S
R10E | R11E
S12 | S7

S13 | S18
1922

From which,

A pinon, 10 ins. diam., bears N. 30° E., 163 lks. dist., marked T23S R11E S7 BT.

A cedar, 6 ins. diam., bears S. 87°15' E., 213 lks. dist., marked T23S R11E S18 BT.

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

A pinon, 18 ins. diam., bears N. 25° W., 229 lks. dist., marked T23S R10E S12 BT.

No other bearing tree available.

Deposit a memorial alongside cor., which is a sandstone, 4 x 3 x 2 ins., marked with a cross (X).

Land, broken and mountainous with a general northwesterly exposuree and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

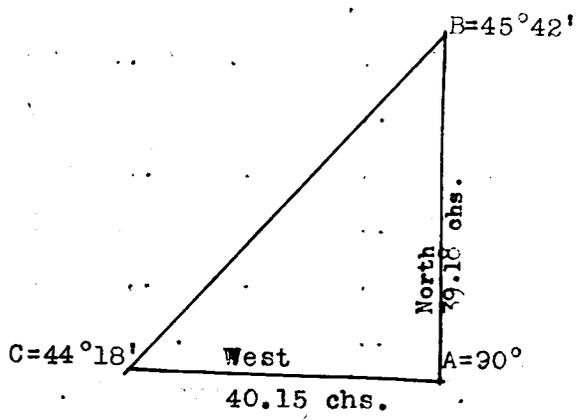
Timber, scattering cedar and pinon.

Fair grazing.

North, bet. secs. 7 and 12.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

32.00 Base of abrupt ascent over sandstone ledges and sliderock, of which it is impracticable to chain, I therefore determine the distance to top of ledges by triangulation as follows. Erect flag "A" at the cor. of secs. 7, 12, 13 and 18, and flag "B" on line N. at top of ledges. from flag "A", measure a base line, W., 40.15 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 45°42' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 39.18 chs.

39.18 To point of triangulation at top of ledges, which form the S. brink of mesa, 460 ft. above sec. cor., bears

Survey of the East Boundary of T. 23 S., R. 10 E.

Chains

NW. and SE.; thence over rolling top of mesa.

40.00 On top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S12} \mid \text{S7} \\ \hline 1922 \end{array}$$

From which,

A pinon, 10 ins. diam., bears N. 26° E., 39 lks. dist., marked $\frac{1}{4}$ S7 BT.

A pinon, 8 ins. diam., bears N. 54° W., 94 lks. dist., marked $\frac{1}{4}$ S12 BT.

44.30 The N. brink of mesa, bears W. and E., about 8.00 chs., thence N.; descend broken abrupt N. slope of mesa.

50.90 Draw, 230 ft. below mesa, drains NW.; continue descent.

57.70 Point on N. slope of mesa, 20 ft. high, projects W.

75.00 Enter draw, bears NE. and SW. Timber becomes scattering.

80.00 On gentle N. slope, 120 ft. below draw, at the / 50.90 chs. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

$$\begin{array}{c} \text{T23S} \\ \text{R10E} \mid \text{R11E} \\ \hline \text{S1} \quad \text{S6} \\ \hline \text{S12} \mid \text{S7} \\ \hline 1922 \end{array}$$

From which,

A pinon, 18 ins. diam., bears S. $17^{\circ}30'$ E., 413 lks. dist., marked T23S R11E S7 BT.

A cedar, 8 ins. diam., bears S. 65° W., 338 lks. dist., marked T23S R10E S12 BT.

A cedar, 3 ins. diam., bears N. 33° W., 57 lks. dist., marked BT.

No NE. bearing tree available.

Deposit a memorial alongside cor., which is a sandstone, 6 x 4 x 2 ins., marked with a cross (X).

Survey of the East Boundary of T, 23 S., R. 10 E.

CHAINS

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

Soil, shallow sand and clay mixed with loose sandstone.

Undergrowth, scattering shadscale and service berry brush.

Timber, dense cedar and pinon.

Fair grazing.

North, bet. secs. 1 and 6.

Over rolling bottom of draw through scattering timber and undergrowth.

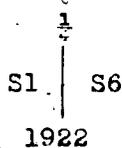
9.10 Wash in bottom of draw, 50 lks. wide, 5 ft. deep, drains N. 10° E.

9.50 Leave bottom of draw and enter dense timber, bears NE. and SW.; ascend gradually.

21.40 Point on E. slope of ridge, 80 ft. above cor., projects E.; descend gradually.

34.40 Enter rolling bottom of draw, bears NW. and SE.; leave timber, bears NW. and SE.; thence over rolling bottom of draw.

40.00 In rolling bottom of draw, 40 ft. below point on ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a memorial alongside cor., which is a sandstone, 10 x 4 x 4 ins., marked with a cross (X).

Pits impracticable.

58.00 Wash in bottom of draw, 30 lks. wide, 4 ft. deep, 40 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually.

62.40 Road, bears NW. and SE.

65.10 Leave rolling bottom of draw, bears E. and W.; enter dense timber, bears E. and W.; ascend abruptly.

72.50 The S. brink of ledge, bears E., and W. about 2.00 chs. dist.

78.10 Top of rocky spur, 220 ft. above draw, projects W. about 2.00 chs. dist.; descend abruptly.

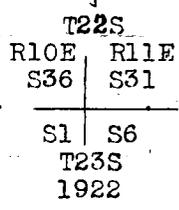
Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

75.90 Top of rocky point on N. brink of ledge, bears NE. and SW.

80.00 On broken NW. slope, 170 ft. below spur.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the cor. of Ts. 22 and 23 S., Rs. 10 and 11 E., with brass cap marked



Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

No suitable bearing trees available.

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

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering and dense cedar and pinon on portions of mile.

Fair grazing.

SURVEY OF THE NORTH BOUNDARY OF T. 23 S., R. 10 E.

From the cor. of Ts. 22 and 23 S., Rs. 10 and 11 E.

N. 89°59' W. on a random line along the N. bdy. of the township, setting temp. ½ sec. and sec. cors. at intervals of 40.00 chs. and 80.00 chs. respectively.

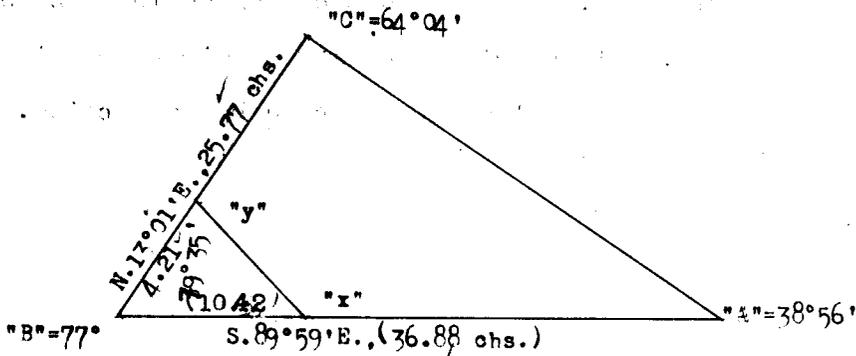
336.54 Inaccessible sandstone ledges/make chaining to the west of this point impracticable, I therefore determine the distance by triangulation as follows:

Erect flag "A" at the 336.54 chs. point and flag "B" on line to the west. In order to determine the distance to a point in the bottom of the box canyon, from flag "B", set a flag "x" in bottom of canyon on line between flags "A" and "B". Then from flag "B", run a base line N. 13°01' E. 25.77 chs. and erect flag "C". At a point, 4.21 chs. dist. from flag "B", on the base line, erect a flag "y". Then from flag "C", flag "A" subtends an angle of 64°04' from flag "B". From flag "y", flag "x"

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

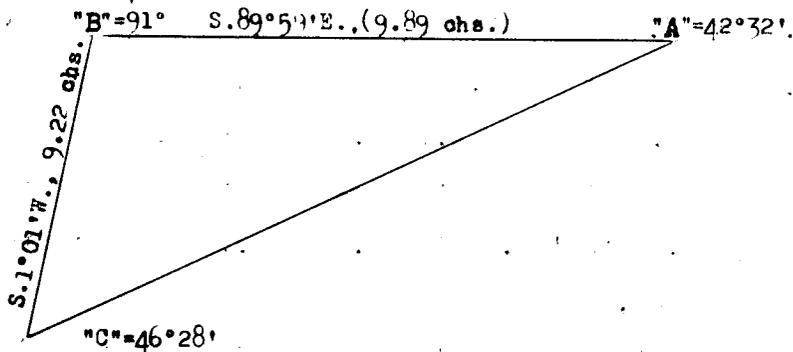
subtends an angle of $79^{\circ}35'$ from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line	336.54 chs.
Distance by triangulation (line A-B)	36.88 chs. ✓
	<u>373.42 chs.</u>
Distance by triangulation (line A-x)	10.42 chs. ✓
	<u>383.00 chs.</u>

- 363.00 Point "x" of triangulation in bottom of box canyon.
- 373.42 Point "B" of triangulation on W. rim of canyon.
- 400.06 Inaccessible sandstone ledges make chaining to the west of this point impracticable, I therefore determine the distance by triangulation as follows:

Erect flag "A" at the 400.06 chs. point and flag "B" on line to the west. From flag "B", measure a base line, S. $1^{\circ}01'$ W. 9.22 chs. and erect flag "C". From flag "C", flag "A" subtends an angle of $46^{\circ}28'$ from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



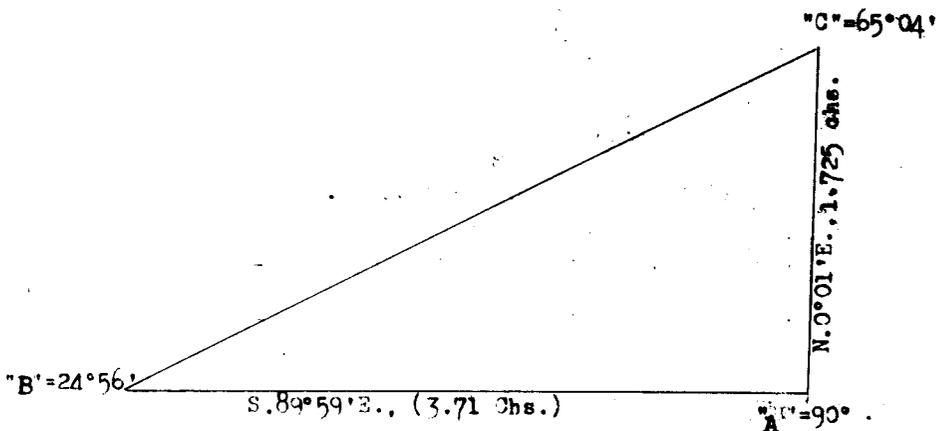
Distance on line	400.06 chs.
Distance by triangulation	9.89 chs. ✓
	<u>409.95 chs.</u>

- 409.95 Point of triangulation.
- 440.00 Inaccessible sandstone ledges make chaining to the west of this point impracticable, I therefore determine the distance by triangulation as follows:

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

Erect flag "A" at the 440.00 chs. point and flag "B" on line to the west. From flag "A", measure a base line N. $0^{\circ}01'$ E. 1.725 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of $24^{\circ}56'$ from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line	440.00 chs..
Distance by triangulation	3.71 chs. ✓
	<u>443.71 chs..</u>

443.71 Point of triangulation. Inaccessible sandstone ledges make chaining to the west of this point impracticable,

I therefore traverse as follows:

- S. 66° W. 4.60 chs., thence
- S. $62^{\circ}15'$ W. 1.99 chs., thence
- South 2.80 chs., thence
- N. $89^{\circ}59'$ W. 9.45 chs., thence
- North 5.60 chs., to

459.12 point on true line.

478.30 Intersect the W. boundary of the township at the cor. of Ts. 22 and 23 S., Rs. 9 and 10 E.

The bearing and distance of this boundary is, therefore, N. $89^{\circ}59'$ W. and 478.30 chs., respectively.

Thence,

From the cor. of Ts. 22 and 23 S., Rs. 9 and 10 E.

S. $89^{\circ}59'$ E. on true line between secs. 6 and 31.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

6.80 Draw, 60 ft. below cor., drains N.; ascend gradually..

17.80 Ridge, 90 ft. above draw, bears N. and S.; descend gradually.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

19.18 Point on high ledge on N. brink of Eagle Canyon, bears NW. and SE. Thence by traverse as follows:

South 5.60 chs., thence

S. 89°59' E. 9.45 chs., thence

North 2.80 chs., thence

N. 62°15' E. 1.99 chs., thence

N. 66° E. 4.60 chs. to

34.59 Point on true line and point "B" of triangulation at top of narrow ledge point, projects N. into Eagle Canyon. Thence, by triangulation.

38.30 Point "A" of triangulation, 400 ft. below ridge and 1.50 chs. to the E. of the base of a high sandstone ledge which bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked.

S31
1/4
S6
1922

From which,

A pinon, 8 ins. diam., bears S. 67° E., 87 lks. dist., marked 1/4 S6 BT.

A pinon, 6 ins. diam., bears N. 49°30' W., 15 lks. dist., marked 1/4 S31-BT.

43.80 Bottom of wash, 50 lks. wide, 6 ft. deep, in Horse Canyon, 30 ft. below the 1/4 sec. cor., drains NW.; ascend abruptly.

48.00 Point of ledge, projects NW., 70 ft. above Horse Canyon; descend abruptly.

51.80 Bottom of wash, 50 lks. wide, 6 ft. deep, in Eagle Canyon, 70 ft. below point of ledge, drains NW.; ascend gradually along bottom of canyon.

56.80 Recross wash in canyon, drains SW.

59.30 Wash, 50 lks. wide, 6 ft. deep, in mouth of Deer Canyon, drains NW. 1.00 chs. into Eagle Canyon.

59.60 Small point between Eagle and Deer Canyons, projects NW. about 1.50 chs.

60.90 Recross wash in Eagle Canyon, drains NW., about 1.50 chs., thence SW.

Survey of the North Boundary of T. 23 S. R. 10 E.

Chains

68.35 Point "B" of triangulation at base of high ledge wall of Eagle Canyon, bears E. 5.00 chs. Thence by triangulation.

78.24 Point "A" of triangulation on top of ledges on N. side of Eagle Canyon, 300 ft. above the 51.80 chs. point, bears NW. and SE.

78.30 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T22S	R10E
S31	S32
S6	S5
T23S	
1922	

From which,
 A pinon, 12 ins. diam., bears N. 63°15' E., 96 lks. dist., marked T22S R10E S32 BT.
 A pinon, 10 ins. in diam., bears S. 12° E., 172 lks. dist., marked T23S R10E S5 BT.

No other suitable bearing trees available.
 Deposit a memorial alongside cor., which is a sandstone, 10 x 6 x 2 ins., marked with a cross (X).
 Land, broken and mountainous with a general northwesterly exposure and drainage.
 Soil, shallow sand and clay loam, mixed with loose sandstone.
 Undergrowth, scattering shadscale, yellow and sage brush.
 Timber, dense cedar and pinon.
 Fair grazing.

S. 89°59' E., bet. secs. 5 and 32.
 Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

15.40 Top of ridge or ascent on bench, 130 ft. above cor., bears NE. and SW.; descend gradually.

26.58 Point "B" of triangulation on top of high sandstone ledges and W. brink of box canyon, bears NE. and SW. Thence by triangulation.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

36.00 Bottom of box canyon, 400 ft. below ridge, drains SW.
Thence over bottom of canyon.

37.00 Point "x" of triangulation on E. side of box canyon. As the true point for the $\frac{1}{2}$ sec. cor. will fall on ledges where a permanent corner cannot be set, at this point Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor. secs. 5 and 32, with brass cap marked.

$$\frac{1}{2} \frac{S32}{S5} WC$$

1922

From which,

A pinon, 6 ins. diam., bears S. $71^{\circ}30'$ W., 41 lks. dist., marked $\frac{1}{2}$ S5 WC BT.

A pinon, 30 ins. diam., bears N. 2° W., 31 lks. dist., marked $\frac{1}{2}$ S32 WC BT.

Ascend abruptly.

38.00 Base of high sandstone ledge, bears N. and S.

40.00 Point for the $\frac{1}{2}$ sec. cor., falls in sandstone ledges where a permanent cor. cannot be set; no cor. set.

45.00 Sandstone spur, 370 ft. above the witness $\frac{1}{2}$ sec. cor., projects NW.; descend abruptly.

58.50 Bottom of box canyon, 100 ft. below spur, drains N. 80° W.; ascend abruptly.

63.46 Point "A" of triangulation at top of E. rim of box canyon, 230 ft. above bottom of canyon, bears N. 80° W. and S. 80° E.; ascend gradually.

78.10 Top of rocky point, 100 ft. above rim of canyon, projects SW.; descend gradually.

80.00 At head of break in canyon, at base of ledge, bears N. and S., 20 ft. below rocky point.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 4. 5. 32 and 33, with brass cap marked.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

T22S	R10E
S32	S33
S5	S4
T23S	
1922	

From which,

A point on sandstone ledge, bears N. 21° E., 17 lks. dist., marked X B0 S33.

A pinon, 10 ins. in diam., bears S. 49° E., 69 lks. dist., marked T23S R10E S4 BT.

A pinon, 8 ins. in diam., bears S. 42° W., 54 lks. dist., marked T23S R10E S5 BT.

A pinon, 6 ins. in diam., bears N. 85° W., 64 lks. dist., marked T22S R10E S32 BT.

No NE. bearing tree available.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°59' E., bet. secs. 4 and 33.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

14.50 Top of sandstone ledge, 60 ft. high, bears N. and S.; continue ascent over broken sandstone ledges.

18.45 The N. side of a large boulder, visible for about 5 miles to the west.

26.10 Top of high rocky ridge and break into Sinbad, 540 ft. above sec. cor., bears N. and S.; descend gradually.

37.70 Top of abrupt descent over sandstone ledges, bears NE. and SE.; the head of a wash at base of sandstone ledges about 200 ft. high, bears N., 2.00 chs. dist.

40.00 At base of sandstone ledge on steep NE. slope, 200 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains.

$\frac{1}{4}$ S 33
S 4
1922

Deposit a memorial alongside cor., which is a sandstone, 12x5x3 ins., marked with a cross (X).

No suitable bearing trees available. Pits impracticable.

Desc. abrupt NE. slope over sandstone ledges.

51.70 Leave sandstone ledges and timber, bears N. and S.; thence over rolling land.

68.80 S. point of sandstone ledge, bears N. and NW., 50 lks. N. of line.

80.00 On rolling land, 420 ft. below $\frac{1}{4}$ sec. cor. 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.

T22S R10E
S 33 | S 34
S 4 | S 3
T23S
1922

Deposit a memorial alongside cor., which is a sandstone, 9x8x6 ins., marked with a cross (X).

No other accessories available:

Land, broken and mountainous with a general easterly exposure and drainage on the W. portion of mile, rolling land with a general easterly exposure on E. portion.

Soil, shallow sand mixed with loose sandstone.

Undergrowth, scattering shadscale and black brush.

Timber, dense cedar and pinon on W. portion. Fair grazing.

S. 89° 59' E., bet. secs. 3 and 34.

Over rolling land, through scattering undergrowth.

8.00 Swale, 20 ft. below cor.; drains NE.; asc. gradually.

10.10 Road, bears NE. and SW.

29.90 Enter rolling hills and dense timber, bears N. and S.

32.40 Wash, 30 lks. wide, 4 ft. deep, in draw, drains N.

40.00 On gentle N. slope, 30 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S 34
S 3
1922

From which

A pinon, 10 ins. diam., bears S. 17° W., 129 lks.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains.

dist., marked $\frac{1}{4}$ S3 BT.

A pinon, 8 ins. diam., bears N. 20° 15' W., 102 lks.

dist., marked $\frac{1}{4}$ S34 BT.

42.80 Ridge, 20 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc.

47.60 Wash, 30 lks. wide, 4 ft. deep, in draw, 50 ft. below ridge, drains NE.; asc. gradually.

48.60 Road, bears N. and S.

60.90 Low ridge, 30 ft. above draw, bears NE. and S.; desc. grad.

68.90 Leave dense, enter scattering timber, bears NE. and SW.

80.00 On rolling land, 40 ft. below ridge.

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

T22S	R10E
S 34	S 35
S 3	S 2
T23S	
1922	

From which:

A pinon, 12 ins. diam., bears S. 8° E., 106 lks.

dist., marked T23S R10E S2 BT.

A pinon, 10 ins. diam., bears S. 12° 30' W., 71 lks.

dist., marked T23S R10E S3 BT.

No other suitable bearing trees available.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow clay, sand and shale.

Undergrowth, black and yellow brush.

Timber, dense and scattering cedar and pinon on portions

of mile. Fair grazing.
S. 89° 59' E., bet. secs. 2 and 35.

Over rolling land, through scattering undergrowth.

3.20 Draw, 20 ft. below cor., drains N.; ascend gradually.

8.30 Leave rolling bottom of draw, bears N. and S.

13.70 Low ridge, 20 ft. above draw, bears N. and S.

19.70 Enter dense timber, bears N. and S.

28.70 Leave timber, bears N. and S., enter rolling bottom of draw.

Survey of the North Boundary of T. 23 S., R. 10 E.

Chains

40.00 On rolling land, 40 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S35 \\ \hline \frac{1}{4} \\ S2 \end{array}$$
 1922

48.00 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Bottom of draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; thence over rolling land.

80.00 On rolling land.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T22S	R10E
S35	S36
S2	S1
T23S	
1922	

From which,
 A lone pinon, 10 ins. diam., bears S. 19° E., 365 lks. dist., marked T23S R10E S1 BT.
 A lone pinon, 10 ins. diam., bears N. 29° W., 258 lks. dist., T22S R10E S35 BT.

No other suitable bearing trees available.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling with a general northeasterly exposure and drainage.
 Soil, shallow clay and sand loam.
 Undergrowth, scattering shadscale, black, yellow and sagebrush.
 Timber, dense cedar and pinon on W. portion of mile.
 Fair grazing.

S. $89^{\circ}59'$ E., bet. secs. 1 and 36.
 Over rolling land through scattering undergrowth.
 27.40 Spur, 40 ft. above cor., projects N.; descend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains	
28.40	Wash, 30 lks. wide, 4 ft. deep, in draw, 20 ft. below spur, drains N.; ascend gradually.
34.40	Top of a elongated knoll, 20 ft. above draw, bears SE., about 5.00 chs. and NW., about 3.00 chs.; descend gradually.
36.00	Enter large draw, bears SE. and NW.
40.00	On rolling land, 30 ft. below knoll. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S36 \\ \hline \frac{1}{4} \\ S1 \\ 1922. \end{array}$
56.50	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Wash, 20 lks. wide, 10 ft. deep, in bottom of large draw, called Road Hollow, 20 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend gradually.
67.80	Wash, 10 lks. wide, 5 ft. deep, drains S. into main wash.
69.30	Road, bears NW. and SE.
75.50	Leave draw and enter scattering timber, bears N. and S.
77.00	Wash, 10 lks. wide, 4 ft. deep, drains SW.
80.00	The cor. of Ts. 22 and 23 S., Rs. 10 and 11 E. 40 ft. above draw.
	Land, rolling with a general northerly exposure and drainage..
	Soil, shallow clay and sand loam.
	Undergrowth, scattering shadscale, yellow and black brush.
	Timber, scattering cedar and pinon on extreme E. portion of mile.
	Fair grazing.

SUBDIVISION OF T. 23 S., R. 10 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township.

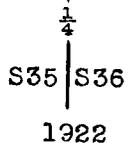
N. 0°01' W., bet. secs. 35 and 36.

Over rolling bottom of draw, through scattering undergrowth

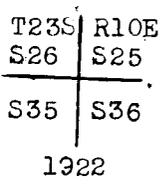
Subdivision of T. 23 S., R. 10 E.

Chains

- 9.90 Wash, 10 lks. wide, 4 ft. deep, in draw, drains SW.
- 23.50 Road to Tan Seep, bears NE. and SW.
- 40.00 On sandstone surfacerock; mark a cross (X) at the exact cor. point, over which.
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



- 52.90 Wash, 20 lks. wide, 4 ft. deep, drains SE.
- 64.00 Leave rolling bottom of draw and enter rolling hills and scattering timber, bears NE. and SW.
- 69.70 Spur, 60 ft. high, projects S. 80° E.; leave timber, bears E. and W.; descend gradually.
- 74.60 Wash, 20 lks. wide, 10 ft. deep, in draw, 50 ft. below spur, drains SE.; ascend gradually.
- 80.00 On gentle S. slope, 30 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling with a general southerly exposure and drainage.
Soil, shallow clay, mixed with loose limestone..
Undergrowth, scattering shadscale, yellow and black sage brush.
Timber, scattering cedar and pinon, bet. the 64.00 chs. and the 69.70 chs. point.
Fair grazing.

Subdivision of T. 23 S., R. 10 E.

- Chains
- East, on random line bet. secs. 25 and 36.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor..
- 80.12 Intersect the E. bdy. of the township, 3 lks. N. of the cor. of secs. 25, 30, 31 and 36.
- Thence,
- N. $82^{\circ}59'$ W., on true line bet. secs. 25 and 36.
- Ascend gradually over broken mountainous land through scattering timber and undergrowth.
- 2.20 Ridge, 20 ft. above cor., bears NE. and S.; descend abrupt W. slope.
- 8.00 Draw, 30 ft. below ridge, drains N.; draw heads about 5.00 chs. S.; ascend gradually.
- 13.20 Spur, 70 ft. above draw, projects N.; descend abrupt W. slope.
- 17.60 Draw, 75 ft. below spur, drains NE., road in bottom of draw, bears NE. and SW. to Tan Seep; ascend gradually.
- 23.00 Spur, 60 ft. above draw, projects S.; descend gentle W. slope,
- 26.30 Draw, 40 ft. below spur, drains SE.; ascend gentle E. slope.
- 30.00 Spur, 30 ft. above draw, projects S.; descend gentle N. slope.
- 32.10 Draw, 30 ft. below spur, drains SE.; ascend gentle E. slope.
- 37.40 Spur, 30 ft. above draw, projects S.; descend gentle W. slope.
- 40.06 On gentle W. slope, 20 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S25

 $\frac{1}{4}$

S36

1922

From which,

A pinon, 10 ins. diam., bears N. $11^{\circ}45'$ E., 77 lks. dist., marked $\frac{1}{4}$ S25 BT.

Subdivision of T. 23 S., R. 10 E.

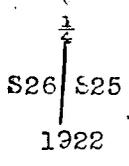
Chains	
	A cedar, 8 ins. diam., bears S. 55°15' W., 311 lks. dist., marked $\frac{1}{4}$ S36 BT.
43.40	Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend gentle E. slope.
46.30	Spur, 20 ft. above draw, projects SE.; descend gentle W. slope.
50.00	Low ridge, 20 ft. below spur, bears SE. and N.; continue descend.
57.00	Wash, 10 lks. wide, 5 ft. deep, in draw, 50 ft. below ridge, drains S.; ascend gradually.
61.00	Spur, 20 ft. above draw, projects SW.; descend gradually.
62.30	Draw, 30 ft. below spur, drains SW.; ascend gradually.
69.00	Spur, 40 ft. above draw, projects S.; descend gradually.
72.80	Draw, 20 ft. below spur, drains S.; ascend gradually.
75.90	Spur, 20 ft. above draw, projects S.; descend gradually.
78.50	Draw, 30 ft. below spur, drains S.; ascend gradually.
80.12	The cor. of secs. 25, 26, 35 and 36, Land, broken and mountainous with a general southerly exposure and drainage. Soil, shallow clay, mixed with loose limestone. Undergrowth, scattering shadscale, yellow and black sage brush. Timber, scattering cedar and pinon. Fair grazing.
	N. 0°01' W., bet. secs. 25 and 26. Ascend gradually over broken mountainous land through scattering timber and undergrowth.
3.80	Spur, 40 ft. above cor., projects S. 10° W.; thence over rolling bench.
6.50	Timber becomes dense, bears E. and W.
24.40	Head of draw, 20 ft. below spur, drains SW.; ascend gradually.
28.50	Low ridge, 30 ft. above draw, bears E. and W.; descend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains

40.00 On S. side of wash in draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A cedar, 18 ins. diam., bears N. 30°15' E., 28 lks. dist., marked $\frac{1}{4}$ S25 BT.

A cedar, 16 ins. diam., bears West, 5 lks. dist., marked $\frac{1}{4}$ S26 BT.

40.40 Wash, 30 lks. wide, 4 ft. deep, in draw, 50 ft. below spur, drains NE.; ascend gradually.

42.30 Spur, 20 ft. above draw, projects NE.; descend gradually.

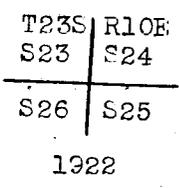
45.10 Draw, 20 ft. below spur, drains NE.; ascend gradually.

50.40 Spur, 30 ft. above draw, projects NE.; descend gradually.

72.00 Wash, 30 lks. wide, 4 ft. deep, in draw, drains SE.; ascend gradually.

80.00 On gentle S. slope at base of small ledge, 50 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap marked.



From which,

A cedar, 12 ins. diam., bears N. 45° E., 138 lks. dist., marked T23S R10E S24 BT.

A cedar, 6 ins. diam., bears S. 38°45' E., 67 lks. dist., marked T23S R10E S25 BT.

A pinon, 18 ins. diam., bears S. 39°45' W., 174 lks. dist., marked T23S R10E S26 BT.

A cedar, limb, 8 ins. diam., bears N. 61°15' W., 35 lks.

Subdivision of T. 23 S., R. 10 E.

Chains

dist., marked T23S R10E S23 BT.

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

Soil, shallow clay shale, mixed with loose limestone.

Undergrowth, scattering shadscale and black sage brush.

Timber, scattering and dense cedar and pinon on portions of mile.

Fair grazing.

S. 89°53' E., on random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect the E. bdy. of the township, 3 lks. N. of the cor. of secs. 19, 24, 25 and 30.

Thence,

N. 89°58' W., on true line bet. secs. 24 and 25.

Ascend gradually over broken mountainous land through scattering timber and undergrowth.

13.90 Wash, 20 lks. wide, 3 ft. deep, drains S.

37.00 Spur, 70 ft. above cor., projects S. 20° E.; descend gradually.

40.07 On gentle SW. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S24
1/4

S25
1322

From which,

A pinon, 12 ins. diam., bears N. 60° E., 57 lks. dist., marked 1/4 S24 BT.

A pinon, 14 ins. diam., bears S. 24° W., 54 lks. dist., marked 1/4 S25 BT.

41.60 Draw, 20 ft. below the 1/4 sec. cor., drains SE.; ascend gradually.

52.90 Spur, 80 ft. above draw, projects SE.; descend gradually.

62.90 Draw, 50 ft. below spur, drains SE.; ascend gradually.

Subdivision of T. 23 S., R. 10 E.

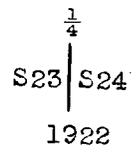
Chains

- 66.70 Spur, 20 ft. above draw, projects SE.; descend gradually.
- 69.50 Draw, 20 ft. below spur, drains SE.; ascend gradually.
- 77.70 Spur, 50 ft. above draw, projects SE.; descend gradually.
- 80.14 The cor. of secs. 23, 24, 25 and 26, 30 ft. below spur.
Land, broken and mountainous with a general southeasterly exposure and drainage.
Soil, shallow sand and clay, mixed with loose sandstone.
Undergrowth, scattering shadscale and yellow brush.
Timber, scattering cedar and pinon.
Fair grazing.

N. 0°01' W., bet. secs. 23 and 24.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

- 2.40 Spur, 40 ft. above cor., projects SE.; continue gradual ascent.
- 6.50 Low saddle, drains SW. and SE.; continue ascent.
- 10.50 Spur, 20 ft. above spur at the 2.40 chs. point, projects NW., about 2.00 chs.; descend gradually.
- 14.80 Draw, 50 ft. below spur, drains S. 10° W.;
- 19.00 Recross draw, drains S. 10° E.; ascend gradually.
- 30.10 Ridge, 200 ft. above draw, bears NW. and SE.; descend abrupt broken NE. slope,
- 40.00 On broken NE. slope, 70 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A pinon, 8 ins. diam., bears S. 80°15' E., 69 lks. dist., marked $\frac{1}{4}$ S24 BT.
- A pinon, 8 ins. diam., bears S. 38°15' W., 109 lks. dist., marked $\frac{1}{4}$ S23 BT.

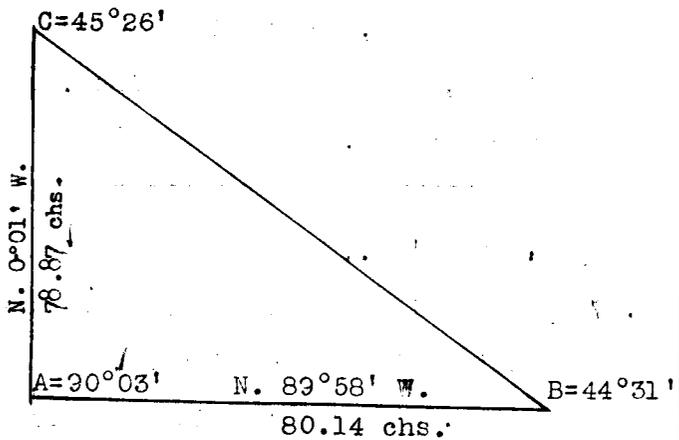
The line to the N. of this cor., passes over broken sand-

Subdivision of T. 23 S., R. 10 E.

Chains

sandstone ledges, over which I am unable to chain, I therefore determine the dist. by triangulation as follows.

Designate the cor. of secs. 23, 24, 25 and 26, point "A", the cor. of secs. 19, 24, 25 and 30, point "B", and point "C" on line to the N. at top of S. rim of mesa. From point "C", point "B" subtends an angle of $45^{\circ}26'$ from point "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 78.87 chs.

Approximate topography from $\frac{1}{4}$ sec. cor.

50.00 Gulch, 50 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend abruptly.

78.87 To point of triangulation on top of S. rim of mesa, 350 ft. above gulch, bears NE. and SW.; thence over broken top of mesa.

80.00 On broken top of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.

T23S	R10E
S14	S13
S23	S24
1322	

From which,

A pinon, 10 ins. diam., bears N. $18^{\circ}30'$ E., 38 lks. dist., marked T23S R10E S13 BT.

Subdivision of T. 23 S., R. 10° E.

Chans

CHAINS

A pinon, 10 ins. diam., bears S. 75°15' E., 55 lks.
dist. marked T23S R10E S24 BT.

A pinon, 8 ins. diam., bears S. 9° W., 88 lks.
dist., marked T23S R10E S23 BT.

A pinon, 10 ins. diam., bears N. 61° W., 52 lks.
dist., marked T23S R10E S14 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

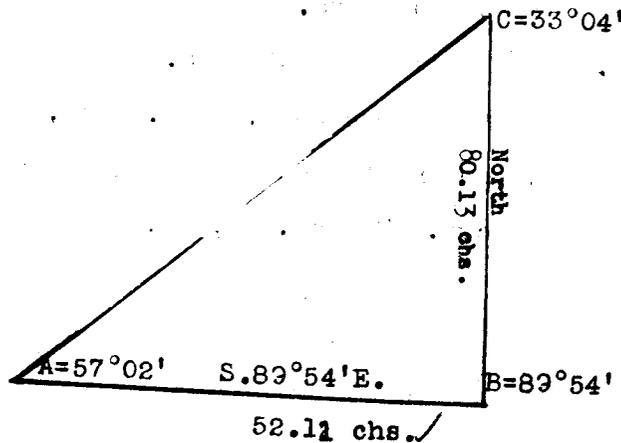
Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 13 and 24.

27.97 Inaccessible sandstone ledges make chaining to the E. of this point impracticable, I therefore determine the dist. by triangulation as follows. Erect flag "A" at a point, 2 lks. N. of the 27.96 chs. point and flag "B" at the cor. of secs. 13, 18, 19 and 24. At a point, 13 lks. N. of the cor. of secs. 7, 12, 13 and 18, erect flag "C", from which, flag "A" subtends an angle of 33°04' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	27.97 chs.
Distance by triangulation =	52.11 chs.
Distance by return measurement =	80.06 chs.
	<u>40.04 chs.</u>
	40.04 chs.

Subdivision of T. 23 S., R. 10 E.

- Chains.
40.04 Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 To point of triangulation at the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the twp.
The bearing of this line therefore is N. $89^{\circ} 56'$ W., and the dist. is 80.08 chs.
Thence,
N. $89^{\circ} 56'$ W., on true line bet. secs. 13 and 24. By direct measurement to $\frac{1}{4}$ sec. cor.
Desc. gradually over broken mountainous land through dense timber and scattering undergrowth.
- 7.50 Draw, 20 ft. below cor., drains N.; asc. gradually.
- 20.20 Spur, 120 ft. above draw, projects N.; desc. gradually.
- 29.70 Draw, 50 ft. below spur, drains NE.; asc. gradually.
- 37.10 Spur, 40 ft. above draw, projects N.; desc. gradually.
- 39.60 Draw, 40 ft. below spur, drains NE.; asc. abruptly.
- 40.04 On W. side of draw.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ $\frac{S\ 13}{S\ 24}$
1922
- From which
- A pinon, 6 ins. diam., bears S. 2° E., 47 lks. dist., marked $\frac{1}{4}$ S24 BT.
- A pinon, 6 ins. diam., bears N. 75° W., 45 lks. dist., marked $\frac{1}{4}$ S13 BT.
- Thence by triangulation, giving approximate topography.
- 52.11 To W. point of triangulation at E. brink of ledge, and top of mesa, bears N. and S., 350 ft. above draw; thence over top of mesa.
- 56.10 Top of ledges and brink of mesa, bears SE. and NW. about 8 chs., thence SW.; desc. abruptly.
- 59.50 Draw, 200 ft. below top of ledge, drains S.; asc. abruptly.
- 69.80 The E. brink of high ledge and top of mesa, 200 ft. above draw, bears NE. and SW.; thence over broken top

Subdivision of T. 23 S., R. 10 E.

Chains.

of mesa, near S. brink of same.

80.08 The cor. of secs. 13, 14, 23 and 24.

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

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and piñon.

Fair grazing.

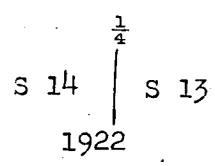
N. 0° 01' W., bet. secs. 13 and 14.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

8.50 Head of draw, drains SW., about 4 chs. dist., thence N. 80° W.

25.50 The N. brink of mesa, 50 ft. above sec. cor., bears NE. and W.; descend abruptly over broken N. slope of mesa.

40.00 On broken N. slope, 300 ft. below top of mesa. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap mkd.



From which

A pinon, 12 ins. diam., bears N. 71° 30' E., 110 lks. dist., marked 1/4 S13 BT.

A pinon, 8 ins. diam., bears S. 47° 30' W., 18 lks. dist., marked 1/4 S14 BT.

47.00 Leave timber, bears E. and W.

60.20 Enter scattering timber, bears E. and W.

61.40 Wash, 20 lks. wide, 4 ft. deep, in bottom of draw, 40 ft. below 1/4 sec. cor., drains N. 80° E.; ascend gradually.

65.50 Spur, 20 ft. above draw, projects NE.; descend gradually.

77.20 The main wash in George's Draw, 20 lks. wide, 6 ft. deep,

Subdivision of T. 23 S., R. 10 E.

Chains

Drains E.; ascend gradually.

80.00 On gentle S. slope, 30 ft. above draw...
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

T23S	R10E
S11	S12
S14	S13

1922

Deposit a memorial alongside cor., which is a sandstone, 6 x 4 x 4 ins., marked with a cross (X).

No other accessory available.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering and dense cedar and piñon on portions of mile.

Fair grazing..

S. 89°56' E., on random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect the E. bdy. of the township, 3 lks. N. of the cor. of secs. 7, 12, 13 and 18.

Thence,

N. 89°55' W., on true line bet. secs. 12 and 13.

Over broken mountainous land through scattering timber and undergrowth.

16.30 Wash, 20 lks. wide, 4 ft. deep, drains SE.

20.20 Wash, 30 lks. wide, 8 ft. deep, drains SE.

40.07 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S12

S13

1922

From which,

Subdivision of T. 23 S., R. 10 E.

Chains

an land

A pinon, 12 ins. diam., bears N. 25° W., 550 lks.

dist., marked $\frac{1}{4}$ S12 BT. 00.08

No other bearing tree available and pits impracticable.

Deposit a memorial alongside cor., which is a sandstone,

8 x 4 x 4 ins., marked with a cross (X).

64.10 The NW. cor. of a small pond of water.

80.14 The cor. of secs. 11, 12, 13 and 14.

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

Soil, shallow heavy clay.

Undergrowth, scattering shadscale, yellow, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 11 and 12.

Ascend gradual S. slope of George's Draw, through dense timber and scattering undergrowth.

6.00 Leave bottom of draw, bears E. and W.

32.00 Base of abrupt ascent over broken S. slope, bears E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls on ledges where a permanent cor. cannot be set; no cor. set.

40.25 On top of ledge and point of bench, 440 ft. above sec. cor., bears N. 5° E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor. secs. 11 and 12, with brass cap marked.

$\frac{1}{4}$
S11 | S12
W | C
1922

From which,

A pinon, 10 ins. diam., bears S. 85° W., 96 lks.

dist., marked WC $\frac{1}{4}$ S11 BT.

No other bearing tree available and pits impracticable.

Subdivision of T. 23 S., R. 10 E.

Chains

Deposit a memorial alongside cor., which is a sandstone, 10 x 8 x 4 ins., marked with a cross (X).

44.30 Ridge, 30 ft. above the witness cor. to the 1/4 sec. cor., bears N. 5° E. and W.; descend gradually.

63.40 Head of draw, 100 ft. below ridge, drains NE.; ascend gradually.

74.80 Top of ascent, 20 ft. above head of draw, bears NE. and SW.; descend gentle N. slope.

80.00 On gentle N. slope, 20 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T23S	R10E
S2	E1
S11	E12
1922	

From which,

A pinon, 8 ins. diam., bears N. 57° E., 55 lks. dist., marked T23S R10E S1 BT.

A pinon, 12 ins. diam., bears S. 50°45' E., 39 lks. dist., marked T23S R10E S12 BT.

A pinon, 12 ins. diam., bears S. 54° W., 129 lks. dist., marked T23S R10E S11 BT.

A pinon, 10 ins. diam., bears N. 15°30' W., 38 lks. dist., marked T23S R10E S2 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadescale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 83°55' E., on random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the E. bdy. of the township, 7 lks. S. of the cor. of secs. 1, 6, 7 and 12.

Subdivision of T. 23 S., R. 10 E.

Chains	Remarks
	Thence, N. 89°58' W., on true line bet. secs. 1 and 12. Ascend gradually over rolling bottom of draw through scattering undergrowth.
5.80	Wash, 20 lks. wide, 4 ft. deep, in draw, drains NE.; continue gradual ascent.
30.50	Leave rolling bottom of draw and enter dense timber, bears N. and S.
31.60	Draw, 20 ft. deep, drains SE.
33.60	Timber becomes scattering, bears NE. and SW.
40.10	On steep NE. slope, 230 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S1 \\ \hline \frac{1}{4} \\ S12 \end{array}$ 1922
	From which, A pinon, 12 ins. diam., bears S. 58°15' E., 250 lks. dist., marked $\frac{1}{4}$ S12 BT. Deposit a memorial alongside cor., which is a sandstone, 10 x 6 x 4 ins., marked with a cross (X). No other accessory available.
40.60	Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend abrupt NW. slope.
48.30	Timber becomes dense, bears N. and S.
51.70	Draw, 30 ft. below spur, drains N., about 3.00 chs., thence N. 80° E., about 8.00 chs. thence SE.; ascend gradually.
62.80	Spur, 60 ft. above draw, projects N.; descend gradually.
64.90	Draw, 20 ft. below spur, drains N. 80° E.; ascend abruptly over sandstone ledges.
72.10	Top of W. brink of high ledge, 200 ft. above draw, bears NE. and SW.; descend gradually.
75.00	Draw, 30 ft. below brink of ledge, drains N.; ascend gradually.
80.20	The cor. of secs. 1, 2, 11 and 12, 20 ft. above draw.

Subdivision of T. 23 S., R. 10 E.

Chains

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering and dense cedar and pinon on portions of mile.

Fair grazing.

N. 0°01' W., on random line bet. secs. 1 and 2.

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

79.89 Intersect the N. bdy. of the township, 26 lks. W. of the cor. of secs. 1, 2, 35 and 36,

Thence,

S. 0°10' W., on true line bet. secs. 1 and 2.

Ascend gradually over broken mountainous land through scattering undergrowth.

5.50 Enter dense timber, bears E. and W.

23.40 Spur, 40 ft. above cor., projects NE.; descend gradually.

25.60 Draw, 20 ft. below spur, drains NE.; ascend gradually.

27.20 Ridge, 50 ft. above draw, bears NE. and SW.; descend gradually.

29.70 The S. brink of ridge and rimrock, bears NE. and SW.; descent becomes more abrupt.

32.00 Enter draw and leave timber, bears NE. and SW.

36.60 Wash; 10 lks. wide, 8 ft. deep, in bottom of Earl's Draw, 140 ft. below ridge, drains NE.; ascend gradually.

39.50 Road, bears NE. and SW.

39.89 In bottom of draw, drains SE.; 20 ft. above wash.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S2 | S1
 1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

51.30 Leave draw and enter dense timber, bears E. and SW.

.Subdivision of T. 23 S., R. 10 E.

Chains	
53.30	Spur, 70 ft. above the $\frac{1}{4}$ sec. cor., projects W. from lone pinnacle.; descend gradually.
64.20	Draw, 70 ft. below spur, drains NW., about 10.00 chs., thence NE.; ascend abruptly.
71.60	The N. brink of mesa, bears W. and E., about 5 chs., thence N. 80° W.; thence ascend gradually.
79.89	The cor. of secs. 1, 2, 11 and 12, 50 ft. above brink of mesa.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon on portions of mile.

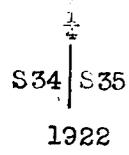
Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.

N. 0°01' W., bet. secs. 34 and 35.

Ascend gradually over broken mountainous land through scattering timber and undergrowth.

1.70	Ridge, 30 ft. above cor., bears E. and W.; descend gentle N. slope of ridge.
9.70	Leave timber, bears E. and W.
21.70	Road to Tan Seep, bears NE. and SW., at head of draw in low divide, 50 ft. below ridge, drains SW.; continue gradual descent.
38.80	Enter scattering timber, bears E. and W.
40.00	In small wash, 20 ft. below head of draw, drains E. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

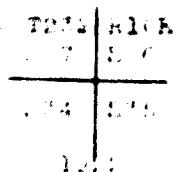
A pinon, 14 ins. diam., bears N. 38°15' E., 60 lks.

Subdivision of T. 23 S., R. 10 E.

Chains

- dist., marked $\frac{1}{2}$ S35 BT.
- A pinon, 10 ins. diam., bears N. $52^{\circ}30'$ W., 65 lks.
dist., marked $\frac{1}{2}$ S34 BT.
- 51.50 Ridge, 140 ft. above the $\frac{1}{2}$ sec. cor., bears NE. and SW.;
descend gradually.
- 59.00 Head of draw, 20 ft. below ridge, drains NW.; ascend
gradually ..
- 63.10 Spur, 30 ft. above draw, projects KW.; descend gradually.
- 65.60 Draw, 60 ft. below spur, drains KW.; ascend gradually.
- 70.00 Top of rocky spur, 20 ft. above draw, projects KW.;
descend gradually.
- 72.30 Draw, 40 ft. below spur, drains NW.; ascend gradually.
- 74.30 Spur, 20 ft. above draw, projects NW.; descend gradually.
- 76.00 Draw, 30 ft. below spur, drains KW.; ascend gradually.
- 77.60 Spur, 20 ft. above draw, projects KW.; descend gradually.
- 80.00 On gentle NE. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 26, 27, 24 and 25, with brass cap marked.



From which,

A cedar, 10 ins. diam., bears N. $45^{\circ}30'$ E., 207 lks.
dist., marked T235 RICE S36 BT.

A pinon, 10 ins. diam., bears S. $30^{\circ}15'$ E., 100 lks.
dist., marked T235 RICE S35 BT.

A pinon, 10 ins. diam., bears S. $10^{\circ}30'$ W., 177 lks.
dist., marked T235 RICE S34 BT.

A pinon, 8 ins. diam., bears N. $53^{\circ}45'$ W., 316 lks.
dist., marked T235 RICE S27 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone
and limestone.

Subdivision of T. 23 S., R. 10 E.

Chains

Undergrowth, scattering shadscale and sagebrush.
 Timber, scattering cedar and pinon, on portions of mile.
 Fair grazing.

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

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

79.90 Intersect the N. and S. line, 9 lks. N. of the cor. of
 secs. 25, 26, 35 and 36.

Thence,

N. 89°56' W., on true line bet. secs. 26 and 35.

Descend gradually over broken mountainous land through
 scattering undergrowth.

8.00 Draw, 20 ft. below cor., drains SE.; ascend gradually.

32.00 Low ridge, 60 ft. above draw, bears SE. and NW.; enter
 dense timber, bears E. and W.; descend gradually.

36.20 Wash, 10 lks. wide, 2 ft. deep, 20 ft. below ridge, drains
 SE.; ascend gradually.

39.95 On broken land, 30 ft. above wash.

Set an iron post, 3ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S26
 $\frac{1}{4}$ —————
 S35

1922

From which,

A pinon, 14 ins. diam., bears S. 27° W., 103 lks.
 dist., marked $\frac{1}{4}$ S35 BT.

A cedar, 16 ins. diam., bears N. 16° W., 67 lks.
 dist., marked $\frac{1}{4}$ S26 BT.

45.40 Spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects S.; descend
 gradually.

56.30 Wash, 20 lks. wide, 4 ft. deep, in draw, 70 ft. below
 spur, drains from NE. to N. 80° W.; ascend gradually.

79.90 The cor. of secs. 26, 27, 34 and 35, 30 ft. above draw.
 Land, broken and mountainous with a general southeasterly
 exposure and drainage.

Subdivision of T. 26 S., R. 10 E.

Chains

Soil, shallow, clay and sand loam.
 Undergrowth, scattering shadscale, black, yellow and sage brush.
 Timber, dense cedar and pinon on W. portion of mile.
 Fair grazing.

N. 0°01' W., bet. secs. 26 and 27.

Descend gradually over broken mountainous land through scattering undergrowth and dense timber.

- 2.70 Draw, 20 ft. below cor., drains SW.; ascend gradually.
- 14.20 Ridge, 100 ft. above draw, bears NE. and SW.; descend gentle N. slope.
- 15.50 Head of draw, 20 ft. below ridge, drains SW.; ascend gentle S. slope.
- 16.20 Spur, 20 ft. above draw, projects SW.; descend gentle N. slope.
- 19.30 Draw, 30 ft. below spur, drains SW.; ascend gentle S. slope.
- 30.40 Spur, 80 ft. above draw, projects SW.; descend gradually.
- 33.60 Draw, 40 ft. below spur, drains SW.; ascend gradually.
- 36.10 Spur, 30 ft. above draw, projects SW.; descend gradually.
- 37.50 Draw, 30 ft. below spur, drains SW.; ascend gradually.
- 40.00 On gentle SE. slope, 20 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for 1/2 sec. cor., with brass cap marked.

S27 | S26

1922

From which,

A pinon, 12 ins. diam., bears N. 46° E., 160 lks. dist., marked 1/2 S26 BT.

A pinon, 18 ins. diam., bears S. 44°30' W., 91 lks. dist., marked 1/2 S27 BT.

- 40.50 Spur, 10 ft. above the 1/2 sec. cor., projects SW.; descend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains

BRAND

- 43.00 Draw, 20 ft. below spur, drains SW.; ascend gradually.
- 47.10 Spur, 20 ft. above draw, projects SW.; ascend gradually.
- 58.50 Wash, 20 lks. wide, 3 ft. deep, in draw, drains S. 20° W.; continue gradual descent.
- 69.20 Wash, 20 lks. wide, 3 ft. deep, in draw, 30 ft. below spur, drains S. 20° W.; ascend gradually.
- 78.30 Spur, 40 ft. above draw, projects SE.; descend gradually.
- 80.00 On gentle NE. slope, 10 ft. below spur.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked..

T23S	R10E
S22	S23
S27	S26
1922	

From which,

- A pinon, 12 ins. diam., bears N. 24°46' E., 138 lks. dist., marked T23S R10E S23 BT.
- A cedar, 10 ins. diam., bears S. 70°30' E., 136 lks. dist., marked T23S R10E S26 BT.
- A pinon, 8 ins. diam., bears S. 8°30' W., 72 lks. dist., marked T23S R10E S27 BT.
- A pinon, 10 ins. diam., bears N. 39°45' W., 75 lks. dist., marked T23S R10E S22 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone and limestone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Subdivision of T-123-S., R. 10 E.

Chains

S. 83°56' E., on random line bet. secs. 23 and 26.

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

80.00 Intersect the N. and S. line, 5 lks. S. of the cor. of
secs. 23, 24, 25 and 26.

Thence,

N. 89°58' W., on true line bet. secs. 23 and 26.

Descend gradually over broken mountainous land through
dense timber and scattering undergrowth.

6.30 Wash, 30 lks. wide, 4 ft. deep, in draw, 50 ft. below cor.,
drains SE.; ascend gradually.

24.20 Spur, 120 ft. above draw, projects N.; descend gradually.

30.50 Draw, 20 ft. below spur, drains NE.; ascend gradually.

40.00 On broken land, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

S23

S26

1322

From which,

A pinon, 10 ins. diam., bears S. 27°45' E., 77 lks.
dist., marked $\frac{1}{4}$ S26 BT.

A pinon, 10 ins. diam., bears N. 54°45' W., 33 lks.
dist., marked $\frac{1}{4}$ S23 BT.

45.70 Spur, 40 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend
gradually.

68.10 Draw, 70 ft. below spur, drains SW.; ascend gradually.

72.10 Spur, 20 ft. above draw, projects S.; descend gradually.

80.00 The cor. of secs. 22, 23, 26 and 27, 30 ft. below spur.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

31140

N. 0°01' W., bet. secs. 22 and 23.
 Descend gradually over broken mountainous land through
 dense timber and scattering undergrowth.

4.10 Draw, 20 ft. below cor., drains SE., about 5.00 chs.,
 thence S.; ascend gradually.

15.00 Spur, 50 ft. above draw, projects NE.; descend gradually.

25.60 Wash, 20 lks. wide, 4 ft. deep, in draw, 30 ft. below
 spur, drains SE.; ascend gradually.

40.00 On gentle S. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground to bedrock and in a large mound of stone, for
 1/4 sec. cor., with brass cap marked.

S22	S23
1922	

From which,

A pinon, 14 ins. diam., bears S. 56°15' E., 187 lks.
 dist., marked 1/4 S23 BT.

A cedar, 8 ins. diam., bears S. 47°30' W., 57 lks.
 dist., marked 1/4 S22 BT.

Thence, ascend abruptly, over sandstone ledges.

47.40 Top of sandstone ledge and S. brink of mesa, 220 ft. above
 the 1/4 sec. cor., bears E. and W.; ascend gradually.

48.70 Top of mesa, 20 ft. above S. brink, bears SE. and NW.;
 descend gradually.

75.20 Draw, 100 ft. below top of mesa, drains SE.; ascend
 gradually.

79.00 Low ridge, 40 ft. above draw, bears NE. and SW.; descend
 gradually.

80.00 On gentle NW. slope of ridge, 10 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
 ground, for cor. of secs. 14, 15, 22 and 23, with brass
 cap marked.

T23S	R10E
S15	S14
S22	S23
1922	

Subdivision of T. 23 S., R. 10 E.

Chains

From which,

- . . . A pinon, 12 ins. diam., bears N. 65°30' E., 50 lks. dist., marked T23S R10E S14 BT.
- . . . A pinon, 10 ins. diam., bears S. 51° E., 35 lks. dist., marked T23S R10E S23 BT.
- . . . A pinon, 10 ins. diam., bears S. 21° W., 33 lks. dist., marked T23S R10E S22 BT.
- . . . A pinon, 8 ins. diam., bears N. 30°30' W., 19 lks. dist., marked T23S R10E S15 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 14 and 23.

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

80.00 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence,

S. 89°57' W., on true line bet. secs. 14 and 23.

Descend gradually. over broken mountainous land through dense timber and scattering undergrowth.

40.00 On broken land, 180 ft. below the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14

S23

1922

From which,

A pinon, 10 ins. diam., bears S. 16°15' E., 29 lks.

dist., marked $\frac{1}{4}$ S23 BT.

A pinon, 8 ins. diam., bears N. 36° W., 27 lks.

Subdivision of T. 23 S., R. 10 E.

Chains

101410

dist., marked $\frac{1}{4}$ S14 BT.

58.20 Draw, 70 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend gradually.

71.00 Ridge, 70 ft. above draw, bears NE. and SW.; descend gradually.

80.00 The cor. of secs. 14, 15, 22 and 23, 20 ft. below ridge. Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

1.30 Head of draw, 10 ft. below cor., drains N. 10° E.; ascend gradually.

8.80 Spur, 20 ft. above draw, projects NE.; descend gradually.

15.00 Wash, 10 lks. wide, 4 ft. deep, in draw, 50 ft. below spur, drains NE.; ascend gradually.

29.50 Ridge, 60 ft. above draw, bears E. and W.; descend gradually.

34.70 Draw, 20 ft. below ridge, drains E.; ascend gradually.

40.00 On broken land, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S15 | S14
 1922

From which,

A pinon, 12 ins. diam., bears N. 77°15' E., 38 lks.

dist., marked $\frac{1}{4}$ S14 BT.

A pinon, 18 ins. diam., bears S. 43° W., 115 lks.

dist., marked $\frac{1}{4}$ S15 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

- 46.40 Ridge, 40 ft. above the $\frac{1}{4}$ sec. cor., bears N. 80° W. and S. 80° E., for about 2.00 chs., thence NE.; descend gradually.
- 53.30 Draw, 60 ft. below spur, drains NW.; ascend gradually.
- 59.40 Spur, 30 ft. above draw, projects NW.; descend gradually.
- 60.80 The S. brink of ravine, bears E. and NW.
- 66.50 Bottom of ravine, 120 ft. below spur, drains E.; ascend abruptly over sandstone ledges.
- 74.30 The N. brink of ravine, ^{bears} NE., about 10.00 chs. and SW., about 2.00 chs., thence W.; ascend gradually.
- 80.00 On E. point of bench, 130 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T23S	R10E
S10	S11
S15	S14
1922	

From which,

- A pinon, 14 ins. diam., bears N. 24° E., 99 lks. dist., marked T23S R10E S11 BT.
- A pinon, 14 ins. diam., bears S. 20° 15' E., 100 lks. dist., marked T23S R10E S14 BT.
- A pinon, 8 ins. diam., bears S. 44° W., 105 lks. dist., marked T23S R10E S15 BT.
- A pinon, 16 ins. diam., bears N. 17° W., 49 lks. dist., marked T23S R10E S10 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

N. 82° 57' E., on random line bet. secs. 11 and 14.

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

Subdivision of T. 23 S., R. 10 E.

Chains

80.04 Intersect the N. and S. line, 7 lks..N. of the cor. of secs. 11, 12, 13 and 14.

Thence, West, on true line bet. secs. 11 and 14. Ascend gradually over broken mountainous land through scattering undergrowth.

16.00 Enter scattering timber, bears N, and S.

21.00 Wash, 20 lks. wide, 2 ft. deep, drains SE.

40.02 On broken land, 60 ft. above the sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S11
1/4
S14

1922

From which, A pinon, 20 ins. diam., bears N. 42°30' E., 130 lks. dist., marked 1/4 S11 BT.

Deposit a memorial alongside cor., which is a sandstone, 8 x 4 x 3 ins., marked with a cross (X).

No other accessory available.

64.80 Wash, 10 lks..wide, 4 ft. deep, drains NE., about 5.00 chs., thence E. into main draw.

69.00 Base of bench, bears N. and SE,; ascend abruptly.

74.00 The E. brink of bench, bears N. and SE,; thence over top of bench.

80.04 The cor. of secs. 10, 11, 14 and 15, 200 ft. above the 1/4 sec. cor.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale, black, service berry and sage brush.

Timber, scattering cedar and pinon on W. portion of mile.

Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

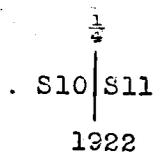
N. 0° 01' W., bet. secs. 10 and 11.
Descend abruptly over broken mountainous land through dense timber and scattering undergrowth.

6.00 The S. brink of ravine, bears NW. and SE.;
11.30 Mouth of ravine, 140 ft. below cor., drains E.; ascend abrupt S. slope of ravine.

16.00 The N. brink of ravine, 320 ft. above bottom, bears N. 70° E. and W.; thence over level bench land.

32.30 Leave level bench land, bears SE. and NW.; descend gradually.

40.00 On level top of spur, 40 ft. below bench, projects E. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.



From which,

A pinon, 12 ins. diam., bears S. 13° E., 47 lks. dist., marked 1/4 S11 BT.

A pinon, 8 ins. diam., bears N. 56° W., 14 lks. dist., marked 1/4 S10 BT.

44.50 Leave level top of spur, bears E. and W.; descend gradually.

54.80 Draw, 70 ft. below the 1/4 sec. cor., drains NE.; ascend gradually.

57.00 Point on ledge, projects E., about 2.00 chs. dist.

65.50 Ridge, 50 ft. above draw, bears NE. and SW.; descend gradually.

72.00 Head of draw, 70 ft. below ridge, drains N. 10° W.; ascend gradually.

75.70 Spur, 20 ft. above draw, projects N. 10° W.; descend gradually.

80.00 On gentle N. slope, 30 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the

Subdivision of T. 23 S., R. 10 E.

Chains

1902

ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.

T23S	R10E
S3	S2
S10	S11

1922.

From which,

- A pinon, 10 ins. diam., bears N. 35° E., 60 lks. dist., marked T23S R10E S2 BT.
- A pinon, 10 ins. diam., bears S. 57° E., 44 lks. dist., marked T23S R10E S11 BT.
- A pinon, 8 ins. diam., bears S. 6°45' W., 80 lks. dist., marked T23S R10E S10. BT.
- A pinon, 8 ins. diam., bears N. 42°45' W., 100 lks. dist., marked T23S R10E S3 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.
 Soil, shallow clay and sand, mixed with loose sandstone.
 Undergrowth, scattering shadscale, black and sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.

East, on random line bet. secs. 2 and 11.

- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.02 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence,

N. 89°55' W., on true line bet. secs. 2 and 11.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

- 8.10 The W. brink of ravine, 40 ft. above cor., bears SE. and NW.; descend abruptly over broken sandstone ledges.
- 11.50 Ravine, 130 ft. below brink, drains NW.; ascend abrupt E. slope over sandstone ledges.
- 14.80 The E. brink of spur, and ledge, bears NW. and SE.
- 18.80 Top of spur, 60 ft. above ravine, projects N.; descend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains	
21.40	The W. brink of spur, bears SE. and NW.; descend abruptly. over sandstone ledges.
24.50	Draw, 130 ft. below spur, drains NW.; ascend gradually.
27.00	Spur, 60 ft. above draw, projects NW., about 1.00 chs.; descend gradually.
30.50	Draw, 60 ft. below spur, drains N.; ascend gradually.
35.00	Spur, 40 ft. above draw, projects N.; descend gradually over broken land.
40.01	On gentle W. slope, 30 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{S2}{\frac{1}{4}}$ S11 1922
	From which, A pinon, 10 ins. diam., bears S. 14° W., 54 lks. dist., marked $\frac{1}{4}$ S11 BT. A pinon, 10 ins. diam., bears N. 24° W., 51 lks. dist., marked $\frac{1}{4}$ S2 BT.
60.70	Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.
70.30	Spur, 70 ft. above draw, projects N.; descend gradually.
75.10	Draw, 30 ft. below spur, drains N. 10° W.; ascend gradually.
80.02	The cor. of secs. 2, 3, 10 and 11, 20 ft. above draw. Land, broken and mountainous with a general northerly exposure and drainage. Soil, shallow sand and clay loam, mixed with loose sandstone. Undergrowth, scattering shadscale and yellow brush. Timber, dense cedar and pinon. Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

Chain 40

N. $0^{\circ}10'$ E., on random line bet. secs. 2 and 3.

04.00

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.87 Intersect the N. bdy. of the township, 7 lks. E. of the
cor. of secs. 2, 3, 34 and 35.

Thence,

S. $0^{\circ}07'$ W., on true line bet. secs. 2 and 3,Ascend gradually over broken mountainous land through
scattering undergrowth and dense timber.1.60 Spur, 10 ft. above cor., projects NE., about 1.00 chs.;
descend gradually.

4.90 Leave timber and enter draw, bears NE. and SW.

7.80 Bottom of draw, 30 ft. below spur, drains NE.; ascend
gradually.

15.80 Leave draw and enter dense timber, bears E. and W.

27.00 Top of low ridge, 70 ft. above draw, bears E. and W.;
descend gentle S. slope.

29.20 Leave timber and enter draw, bears E. and W.

32.10 Draw, 50 ft. below ridge, drains N. 10° E.; ascend
gradually.39.20 Leave draw and enter broken hills and dense timber, bears
E. and W.39.87 On gentle N. slope, 10 ft. above draw,
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

S3 | S2

1922

From which,

A pinon, 12 ins. diam., bears N. 28° E., 34 lks.
dist., marked $\frac{1}{4}$ S2 BT.A pinon, 18 ins. diam., bears S. 58° W., 18 lks.
dist., marked $\frac{1}{4}$ S3 BT.52.30 Ridge, 80 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.;
descend gentle S. slope.

Subdivision of T. 23 S., R. 10 E.

Chains

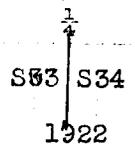
- 58.60 Leave timber and enter draw, bears E. and W.
 - 60.00 Wash, 20 lks. wide, 26 ft. deep, in bottom of Earl's Draw, 50 ft. below ridge, drains E.; ascend gradually.
 - 61.10 Road, bears E. and W.
 - 65.00 Leave draw and enter broken hills and timber, bears E. and W.
 - 79.87 The cor. of secs. 2, 3, 10 and 11, 100 ft. above draw.
- Land, broken and mountainous with a general northeasterly exposure and drainage.
- Soil, shallow sand and clay, mixed with loose sandstone.
- Undergrowth, scattering shadscale and sagebrush.
- Timber, dense cedar and pinon on portions of mile.
- Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township.

N. 0°02' W., bet. secs. 33 and 34.

Ascend gradually over rolling land through scattering timber and undergrowth.

- 3.00 Road to Tan Seep, bears NE. and SW.
 - 5.00 Low ridge, 20 ft. above cor., bears E. and W.; descend gradually.
 - 17.80 Wash, 20 lks. wide, 4 ft. deep, drains N. 80° W.;
 - 38.40 Wash, 30 lks. wide, 4 ft. deep, drains SW.
 - 40.00 On rolling land, 40 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A cedar, 8 ins. diam., bears S. 86°30' E., 543 lks. dist., marked $\frac{1}{4}$ S34 BT.

A cedar, 14 ins. diam., bears S. 65°45' W., 415 lks. dist., marked $\frac{1}{4}$ S33 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

201280

- Thence, ascend gradually.
- 62.80 Base of ridge, bears NE. and SW.
- 70.70 The S. point of spur, thence along E. slope of spur.
- 78.70 Spur, 170 ft. above the $\frac{1}{2}$ sec. cor., projects SE.; descend gradually.
- 80.00 On gentle N. slope of spur, 20 ft. below top..

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.

T23S	R10E
S28	S27
S33	S34

1922

From which,

A pinon, 12 ins. diam., bears S. $52^{\circ}15'$ W., 69 lks. dist., marked T23S R10E S33 BT.

A pinon, 10 ins. diam., bears N. $60^{\circ}30'$ W., 127 lks. dist., marked T23S R10E S28 BT.

No other bearing trees available and pits impracticable.

Deposit a memorial alongside cor., which is a sandstone, 10 x 10 x 8 ins., marked with a cross (X).

Land, rolling with a general southwesterly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale, yellow, and black sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.36 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence,

N. $83^{\circ}55'$ W., on true line bet. secs. 27 and 34.

Subdivision of T. 23 S., R. 10 E.

Chains

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

9.40 Wash, 20 lks. wide, 4 ft. deep, in draw, 20 ft. below cor., drains SW.; ascend gradually.

16.00 Timber becomes scattering, bears N. and S.

26.10 Spur, 30 ft. above draw, projects SW.; descend gradually.

32.60 Wash, 20 lks. wide, 4 ft. deep, in draw, 60 ft. below spur, drains SW.; ascend gradually.

39.98 On broken land, 50 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S27

1/4

S34

1922

From which,

A cedar, 10 ins. diam., bears N. 82°30' E., 198 lks. dist., marked 1/4 S27 BT.

A pinon, 8 ins. diam., bears S. 3°30' W., 73 lks. dist., marked 1/4 S34 BT.

42.00 The E. brink of mesa, 60 ft. above the 1/4 sec. cor., bears N. and S.; thence over rolling top of mesa.

46.70 The W. brink of mesa, bears N. and S.; descend abruptly.

52.80 Draw, 200 ft. below mesa, drains S.; ascend gradually.

59.00 Spur, 40 ft. above draw, projects S.; descend gradually.

61.80 Gully, 20 ft. below spur, drains S.; ascend gradually.

75.50 Spur, 30 ft. above gully, projects SE.; descend gradually.

78.50 Draw, 20 ft. below spur, drains SE.; ascend gradually.

79.96 The cor. of secs. 27, 28, 33 and 34, 30 ft. above draw.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale, service berry and sage brush.

Timber, scattering and dense cedar and pinon on portions

Subdivision of T. 23 S., R. 16 E.

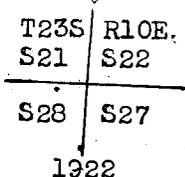
Chains	
	of mile.
	Fair grazing.
	N. 0°02' W., bet. secs. 27 and 28.
	Descend gradually over broken mountainous land through scattering timber and undergrowth.
1.00	Gully, 10 ft. below cor., drains SE.; ascend gradually.
6.10	Ridge, 70 ft. above gully, bears NE. and SW.; descend gentle N. slope.
15.00	Draw, 80 ft. below ridge, drains SW.; ascend abrupt S. slope.
22.40	Top of rimrock and ridge, 120 ft. above draw, bears NE. and SW.; descend gradually over broken W. slope.
40.00	On broken W. slope, 90 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S28 | S27 1922
	From which,
	A pinon, 18 ins. diam., bears N. 2°30' E., 303 lks. dist., marked S27 BT.
	A pinon, 12 ins. diam., bears S. 65° W., 196 lks, dist., marked ¼ S28 BT.
47.70	Gulch, 70 ft. below the ¼ sec. cor., drains W., about 10.00 chs., thence SW.; ascend gradually.
52.50	Spur, 20 ft. above gulch, projects SW.; descend gradually.
57.50	Gulch, 20 ft. below spur, drains SW.; ascend gentle S. slope.
64.70	Ridge, 80 ft. above gulch, bears NE. and W., about 3.00 chs., thence SW.; descend gradually.
70.00	Head of gulch, 60 ft. below ridge, drains W.; ascend gentle S. slope.
72.20	Rocky spur, 20 ft. above gulch, projects NW.; descend gentle N. slope.

Subdivision of T. 23 S., R. 10 E.

Chains

- .74.70 Gulch, 60 ft. below spur, drains NW.; ascend gentle S. slope.
- 76.80 Spur, 20 ft. above gulch, projects NW.; about 2.00 chs. dist.; descend gentle N. slope.
- 78.20 Draw, 40 ft. below spur, drains W.; ascend gentle S. slope.
- 80.00 On gentle S. slope, 30 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.



From which,

- A pinon, 7 ins. diam., bears N. 65°30' E., 101 lks. dist., marked T23S R10E S22 BT.
- A pinon, 8 ins. diam., bears S. 32°16' E., 29 lks. dist., marked T23S R10E S27 BT.
- A pinon, 14 ins. diam., bears S. 41°30' W., 193 lks. dist., marked T23S R10E S28 BT.
- A pinon, 10 ins. diam., bears N. 53°30' W., 17 lks. dist., marked T23S R10E S21 BT.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and bitter brush.

Timber, scattering cedar and pinon.

Fair grazing.

S. 89°55' E., on random line bet. secs. 22 and 27.

- 79.80 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence:

N. 89°57' W., on true line bet. secs. 22 and 27.

Ascend gradually over broken mountainous land through scattering undergrowth and dense timber.

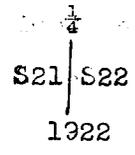
Subdivision of T. 23 S., R. 10 E.

Chains	
24.40	Spur, 120 ft. above cor., projects S.; descend gradually.
35.50	Draw, 70 ft. below spur, drains SW., about 10.00 chs., thence SE.; ascend gradually.
39.90	On broken land, 20 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S22
	$\frac{1}{4}$ S27
	1922
	From which,
	A pinon, 14 ins. diam., bears N. 25°15' E., 51 lks. dist., marked $\frac{1}{4}$ S22 BT.
	A pinon, 12 ins. diam., bears S. 33°15' E., 67 lks. dist., marked $\frac{1}{4}$ S27 BT.
45.00	Ridge, 30 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NE.; descend gradually.
51.20	Draw, 50 ft. below ridge, drains SW.; ascend gradually.
59.50	Spur, 40 ft. above draw, projects S.; descend gentle W. slope.
62.60	Draw, 30 ft. below spur, drains S.; ascend gradually.
67.40	Ridge, 40 ft. above draw, bears NW. and S.; descend gradually.
79.80	The cor. of secs. 21, 22, 27 and 28, 50 ft. below ridge. Land, broken and mountainous with a general southerly exposure and drainage. Soil, shallow clay and sand, mixed with loose sandstone. Undergrowth, scattering shadscale and sagebrush. Timber, dense cedar and pinon. Fair grazing.
	N. 0°02' W., bet. secs. 21 and 22.
	Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.
.30	Spur, 20 ft. above cor., projects SW.; descend gradually.
10.20	Draw, 40 ft. below spur, drains SW.; ascend gradually.

Subdivision of T₃ 23 S., R. 10 E.,

Chains

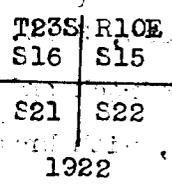
- 13.30 Spur, 30 ft. above draw, projects SW.; descend gentle N. slope.
- 19.00 Draw, 30 ft. below spur, drains SW.; ascend gentle S. slope.
- 25.00 Spur, 30 ft. above draw, projects SW.; descend gentle N. slope.
- 35.50 Draw, 40 ft. below spur, drains SW.; ascend gradually.
- 40.00 On gentle N, slope, 20 ft. above draw,
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A pinon, 8 ins. diam., bears S. 42°45' E., 59 lks. dist., marked $\frac{1}{4}$ S22 BT.
- A pinon, 12 ins. diam., bears N. 15° W., 186 lks. dist., marked $\frac{1}{4}$ S21 BT.

- 57.00 Top of high ledge on S. rim of bench, 320 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and W.; thence over top of bench.
- 62.00 The N. rim of bench and top of high ledge, bears W. and E., 1,00 chs., thence N., about 5 chs., thence E.; descend abruptly.
- 77.70 Wash, 30 lks. wide, 4 ft. deep, in canyon, 230 ft. below bench, drains SW.;
- 80.00 On broken S. slope, 40 ft. above canyon.
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 15, 16, 21. and 22, with brass cap marked.



From which,

Subdivision of T. 23S., R. 10E.

Chains

11111111

- A pinon, 8 ins. diam., bears N. $50^{\circ}45'$ E., 23 lks. dist., marked T23S R10E S15 BT.
- A pinon, 10 ins. diam., bears S. $11^{\circ}45'$ E., 35 lks. dist., marked T23S R10E S22 BT.
- A pinon, 14 ins. diam., bears S. $82^{\circ}15'$ W., 56 lks. dist., marked T23S R10E S21 BT.
- A pinon, 16 ins. diam., bears N. $69^{\circ}15'$ W., 156 lks. dist., marked T23S R10E S16 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

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

49.00 Set temp. sec. cor.

72.30 Intersect the N. and S. line, at the cor. of secs. 14, 15, 22 and 23.

Thence,

N. $89^{\circ}57'$ W., on true line bet. secs. 15 and 22.

Ascend gradually over broken mountainous land through

dense timber and scattering undergrowth.

2.00 Ridge, 20 ft. above cor., bears N. and SW.; descend gradually.

15.00 Draw, 60 ft. below ridge, drains NE.; ascend gradually.

22.10 Trench, 70 lks. wide, 4 ft. deep, in draw, 20 ft. deep, drains from SW. to NE., about 5.00 chs. to main draw; continue gradual ascent.

39.35 On broken land, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

S15
 $\frac{1}{4}$
 S22
 1922

Subdivision of T. 23 S., R. 10 E.

Chains	
	<p>From which,</p> <p>A pinon, 10 ins. diam., bears N. 41°30' E., 65 lks. dist., marked $\frac{1}{4}$ S15 BT.</p> <p>A pinon, 14 ins. diam., bears S. 7°15' E., 106 lks. dist., marked $\frac{1}{4}$ S22 BT.</p>
44.50	Ridge, 60 ft. above the $\frac{1}{4}$ sec. cor., bears S. and N., about 4.00 chs., thence N.; descend gradually.
50.30	Draw, 50 ft. below ridge, drains NW., about 4.00 chs., thence SW.; ascend gradually over rolling top of bench.
63.80	Recross draw, drains SW. from NE.
67.40	The W. brink of bench, bears SE. and NW.; continue gradual descent.
72.20	The cor. of secs. 15, 16, 21 and 22, 200 ft. below point of entering bench.
	<p>Land, broken and mountainous with a general northeasterly and westerly exposure and drainage.</p> <p>Soil, shallow clay and sand, mixed with loose sandstone.</p> <p>Undergrowth, scattering shadscale, buck and service berry brush.</p> <p>Timber, dense cedar and pinon.</p> <p>Fair grazing.</p>
	<p>N. 0°02' W., bet. secs. 15 and 16.</p> <p>Ascend abruptly over broken mountainous land through dense timber and scattering undergrowth.</p>
4.40	The N. brink of canyon, 150 ft. above cor., bears E. and W.; thence ascend gradually over broken top of bench.
18.20	Spur, 20 ft. above brink of canyon, projects W.; descend gradually.
30.70	Ravine, 100 ft. below spur, drains NW.; ascend abruptly.
40.00	On top of spur, 120 ft. above ravine, projects SW.
	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 23 S., R. 10 E.

Chains

$\frac{1}{4}$
 S16 | S15
 1922

From which,

A pinon, 8 ins. diam., bears S. 55° E., 28 lks.
 dist., marked $\frac{1}{4}$ S15 BT.

A pinon, 10 ins. diam., bears S. 8°30' W., 49 lks.
 dist., marked $\frac{1}{4}$ S16 BT.

43.60 Ravine, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradually.

57.40 Spur, 140 ft. above ravine, projects W.; descend gradually.

62.00 Draw, 50 ft. below spur, drains SW., about 3.00 chs.,
 thence NW. into main draw; ascend gradually.

65.20 Spur, 40 ft. above draw, projects SW.; descend gradually.

73.80 Draw, 30 ft. below spur, drains W., about 3.00 chs.,
 into main draw; ascend gradually.

76.40 Spur, 40 ft. above draw, projects W., about 5.00 chs.;
 descend gradually.

79.80 Bottom of draw, ^{road bears NE. and SW.,} 40 ft. below spur, drains SW.

80.00 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.

T23S	R10E
S9	S10
S16	S15

 1922

From which,

A pinon, 10 ins. diam., bears N. 35° E., 187 lks.
 dist., marked T23S R10E S10 BT.

A pinon, 10 ins. diam., bears S. 37°30' E., 199 lks.
 dist., marked T23S R10E S15 BT.

A pinon, 18 ins. diam., bears S. 56°30' W., 189 lks.
 dist., marked T23S R10E S16 BT.

A pinon, 14 ins. diam., bears N. 47°15' W., 134 lks.
 dist., marked T23S R10E S9 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

Land, broken and mountainous with a general westerly exposure and drainage on S. half mile, rolling bench land with a general southwesterly exposure and drainage on N. half mile.

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale, yellow and black brush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°57' E., on random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

79.30 Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S. 89°59' W., on true line bet. secs. 10 and 15.

Ascend gradually over broken mountainous land through scattering undergrowth and dense timber.

39.35 On broken land, 150 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S10

S15
1922

From which,

A pinon, 12 ins. diam., bears N. 71°30' E., 104 lks. dist., marked 1/4 S10 BT.

A pinon, 10 ins. diam., bears S. 2°30' E., 130 lks. dist., marked 1/4 S15 BT.

Continue gradual ascent.

58.20 Ridge, 40 ft. above the 1/4 sec. cor., bears N. and S.; descend gradually.

79.60 Wash, 30 lks. wide, 4 ft. deep, in draw, 140 ft. below ridge, drains SW.; ascend gradually.

79.80 Road to Tan Seep, bears N. and SW.

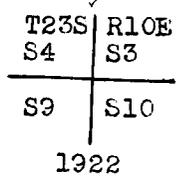
Subdivision of T. 23 S., R. 10 E.

CHAINS	
79.90	<p>The cor. of secs. 9, 10, 15 and 16.</p> <p>Land, broken and mountainous with a general easterly and westerly exposure and drainage.</p> <p>Soil, shallow sand and clay, mixed with loose sandstone.</p> <p>Undergrowth, scattering shadscale and service berry brush.</p> <p>Timber, dense cedar and pinon.</p> <p>Fair grazing.</p>
	<p>N. 0°02' W., bet. secs. 9 and 10.</p> <p>Ascend gradually over rolling land through scattering undergrowth and dense timber.</p>
21.50	<p>Low divide, 60 ft. above cor., bears E. and W.; timber becomes scattering, bears E. and W.; descend gradually.</p>
26.10	<p>Old road, bears SE. and NW.</p>
28.10	<p>Shallow draw, drains NE., about 5.00 chs., thence N. 20° E.; continue gradual descent.</p>
34.40	<p>Shallow draw, drains NE., about 10.00 chs., thence N. 20° E.</p>
40.00	<p>On gentle N. slope, 75 ft. below divide.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.</p>
	$\begin{array}{c} \frac{1}{4} \\ \text{S9} \mid \text{S10} \\ 1922 \end{array}$
	<p>From which,</p> <p>A cedar, 10 ins. diam., bears S. 83° E., 81 lks. dist., marked $\frac{1}{4}$ S10 BT.</p> <p>A pinon, 8 ins. diam., bears N. 54°30' W., 52 lks. dist., marked $\frac{1}{4}$ S9 BT.</p>
	<p>Continue gradual descent.</p>
41.70	<p>Wash, 10 lks. wide, 5 ft. deep, drains N. 40° E.</p>
54.80	<p>Wash, 15 lks. wide, 6 ft. deep, drains NE.</p>
58.90	<p>Enter rolling bottom of draw and sand hills, bears E. and W.; leave timber, bears E. and W.</p>

Subdivision of T. 23 S., R. 10 E.

Chains

80.00 On rolling land, 40 ft. below the $\frac{1}{4}$ sec. cor.,
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.



Deposit a 1 quart bottle at base of cor. as a memorial.
No other accessory available.
Land, rolling with a general northeasterly exposure and
drainage.
Soil, shallow clay and sand, mixed with loose sandstone.
Undergrowth, scattering shadscale and sagebrush.
Timber, scattering and dense cedar and pinon on E. portion
of mile.
Fair grazing.

N. 89°59' E., on random line bet. secs. 3 and 10.

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

79.94 Intersect the N. and S. line, 16 lks. N. of the cor. of
secs. 2, 3, 10 and 11.

Thence,

N. 89°54' W., on true line bet. secs. 3 and 10.

Ascend gradually over broken mountainous land through
dense timber and scattering undergrowth.

.80 Spur, 10 ft. above cor., projects N.; descend gradually.

4.10 Draw, 40 ft. below spur, drains N.; ascend gradually.

8.30 Spur, 20 ft. above draw, projects N.; descend gradually.

11.20 Draw, 50 ft. below spur, drains N.; ascend abrupt E. slope
over sandstone ledges.

24.40 Spur, 60 ft. above draw, projects N.; descend gradually.

30.30 Draw, 20 ft. below spur, drains N.; ascend gradually.

31.60 Spur, 20 ft. above draw, projects N.; descend gradually.

36.50 Draw, 20 ft. below spur, drains N.; ascend gradually.

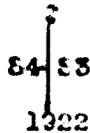
Subdivision of T. 23 S., R. 10 E.

Chains	
39.97	On rolling land, 20 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} S3 \\ \frac{1}{4} \text{---} \\ S10 \\ 1922 \end{array}$
	From which,
	A pinon, 10 ins. diam., bears S. 62° W., 98 lks. dist., marked $\frac{1}{4}$ S10 BT.
	A cedar, 8 ins. diam., bears N. 36° W., 128 lks. dist., marked $\frac{1}{4}$ S3 BT.
43.50	Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradually.
45.40	Leave timber and enter rolling bottom of draw, bears NE. and SW.
57.60	Wash, 10 lks. wide, 3 ft. deep, in draw, 40 ft. below spur, drains NE.; ascend gradually.
79.94	The cor. of secs. 3, 4, 9 and 10, 40 ft. above draw.
	Land, broken and mountainous with a general northerly exposure and drainage on E. portion of mile, rolling with a general northeasterly exposure and drainage on W. portion.
	Soil, shallow clay and sand, mixed with loose sandstone.
	Undergrowth, scattering shadscale and buck brush.
	Timber, dense cedar and pinon on E. portion of mile.
	Fair grazing.
40.00	N. 0°07' E., on random line bet. secs. 3 and 4. Set temp. $\frac{1}{2}$ sec. cor.
79.90	Intersect the N. bdy. of the township, 16 lks. E. of the cor. of secs. 3, 4, 33 and 34.
	Thence,
	South on true line bet. secs. 3 and 4.
	Over rolling land through scattering timber and undergrowth.
22.00	Draw, 20 ft. below cor., drains NE.; road in bottom of draw, bears NE. and SW.; ascend gradually.

Subdivision of T. 25 S., R. 10 E.

Chains

- 36.10 The E. point of dense grove of timber, on low raise, . . . 20 ft. above draw, bears NE. and SW.; descend gradually.
- 39.20 On rolling land, 20 ft. below raise. . . . Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.



From which,

- A cedar, 12 ins. diam., bears N. $19^{\circ}30'$ E., 169 lks. dist., marked $\frac{1}{2}$ 33 BT.
- A pinon, 10 ins. diam., bears N. 56° W., 116 lks. dist., marked $\frac{1}{2}$ 34 BT.

- 56.70 Timber becomes dense, bears E. and W.
- 60.30 Leave timber, bears E. and W.
- 78.30 Old road, bears NE. and W.
- 72.00 Wash, 6 lks. wide, 2 ft. deep, in open draw, drains NE.
- 72.20 The cor. of secs. 3, 4, 9 and 10, 40 ft. below the $\frac{1}{2}$ sec. cor.

Land, rolling hills, with a general northeasterly exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering and dense cedar and pinon on N. portion of mile.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33, on the E. bay. of the township.

N. $0^{\circ}03'$ W., bet. secs. 32 and 33.

Ascend gradually over broken mountainous land through scattering timber and undergrowth.

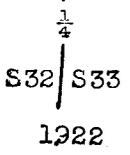
.60 Wash, 20 lks. wide, 3 ft. deep; drains SE.

10.60 Wash, 10 lks. wide, 2 ft. deep, drains E., about 1.00 chs., thence S.

Subdivision of T. 23 S., R. 10 E.

Chains

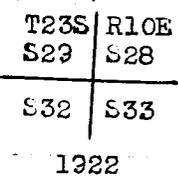
- 15.20 Spur, 100 ft. above cor., projects SW., about 3.00 chs.; ascend gradually along W. slope of ridge.
- 32.00 Ridge, 20 ft. above spur, bears SE. and NW.; descend gradually.
- 40.00 On broken land, 60 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A cedar, 8 ins. diam., bears N. 55°15' E., 358 lks. dist., marked $\frac{1}{4}$ S33 BT.
- A cedar, 8 ins. diam., bears S. 65° W., 322 lks. dist., marked $\frac{1}{4}$ S32 BT.

- 44.30 Wash, 20 lks. wide, 4 ft. deep, in draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains S. 60° E.; ascend gradually.
- 55.00 Low ridge, 60 ft. above draw, bears SE. and NW.; descend gradually.
- 69.80 Draw, 20 ft. below ridge, drains SE.; ascend gradually.
- 80.00 On broken land, 20 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.



From which,

- A pinon, 10 ins. diam., bears N. 45°30' E., 110 lks. dist., marked T23S R10E S28 BT.
- A pinon, 10 ins. diam., bears S. 78°30' E., 144 lks. dist., marked T23S R10E S33 BT.
- A cedar, 8 ins. diam., bears S. 27°45' W., 304 lks. dist., marked T23S R10E S32 BT.
- A pinon, 10 ins. diam., bears N. 26°45' W., 125 lks. dist., marked T23S R10E S29 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

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

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadeless and yellow brush.

Timber, scattering cedar and pinon.

Fair grazing.

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

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

72.28 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence,

N. $82^{\circ}58'$ W., on true line bet. secs. 28 and 33.

Ascend gradually over broken mountainous land through scattering timber and undergrowth.

2.10 Spur, 40 ft. above cor., projects SE., about 10.00 chs., thence, SW.; descend gradually.

3.70 Draw, 110 ft. below spur, drains S.; ascend gradually.

16.40 Rocky spur, 70 ft. above draw, projects SW.; descend abruptly W. slope over sandstone ledges.

13.30 Enter rolling bottom of draw at base of abrupt descent, bears N. and S.

23.60 Wash, 30 lks. wide, 4 ft. deep, in draw, drains S.; continue gradual descent.

26.80 Road to Tan Seep, bears N. and S.

30.50 Wash, 30 lks. wide, 5 ft. deep, in draw, 380 ft. below spur, drains SE.; ascend gradually.

32.22 On rolling land, 30 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S28

$\frac{1}{4}$
S33

1922

From which,

A cedar, 14 ins. diam., bears S. $3^{\circ}15'$ E., 162 lks. dist., marked $\frac{1}{4}$ S33 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

A pinon, 10 ins. diam., bears N. 61°15' W., 224 lks. dist., marked $\frac{1}{4}$ S28 BT.

57.80 Low ridge, 40 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NW; descend gradually.

72.40 Draw, 70 ft. below ridge, drains S.; ascend gradually.

79.98 The cor. of secs. 28, 29, 32 and 33, 30 ft. above draw. Land, broken and mountainous with a general southerly exposure and drainage..

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

Ascend gradually over broken mountainous land through scattering undergrowth and timber.

10.20 Spur, 100 ft. above cor., projects SE.; continue gradual ascent along broken E. slope.

17.30 Ridge, 40 ft. above spur, bears NE. and SW.; descend gradually, along top of bench.

38.50 Rim of bench, bears E. and W.

40.00 On S. side of head of draw, 40 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S29 | S28

1922

From which,

A pinon, 12 ins. diam., bears East, 43 lks.

dist., marked $\frac{1}{4}$ S28 BT.

A pinon, 8 ins. diam., bears S. 8°45' W., 29 lks.

dist., marked $\frac{1}{4}$ S29 BT.

40.30 Head of draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains

- 41.40 The S. brink of spur, bears NE., and SW., about 1.00 chs.
- 43.20 Spur, 40 ft. above draw, projects NE.; descend gradually.
- 45.90 Timber becomes dense, bears E. and W.
- 48.00 The N. brink of spur, bears NE. and SW., about 1.00 chs. to head of draw.
- 48.50 Draw, 80 ft. below spur, drains N. 10° E., about 10.00 chs.; ascend gradually.
- 52.20 Spur, 40 ft. above draw, projects NE., about 1.00 chs.; descend gradually.
- 53.00 Draw, 20 ft. below spur, drains NE.; ascend gradually.
- 57.80 Spur, 20 ft. above draw, projects E.; descend gradually.
- 61.70 Draw, 40 ft. below spur, drains SE.; ascend gradually.
- 65.40 Ridge, 20 ft. above draw, bears E. and W.; descend gradually.
- 69.40 Draw, 50 ft. below ridge, drains NE.; ascend gradually.
- 76.60 Ridge, 50 ft. above draw, bears NE. and SW.; descend gradually.
- 80.00 On broken NW. slope, 20 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T23S	R10E
S20	S21
S29	S28

1922

From which,

- A pinon, 12 ins. diam., bears N. 74° E., 483 lks. dist., marked T23S R10E S21 BT.
- A pinon, 6 ins. diam., bears S. 65°30' E., 303 lks. dist., marked T23S R10E S28 BT.
- A cedar, 6 ins. diam., bears S. 54° W., 121 lks. dist., marked BT. Tree too scrubby for other marks.
- A cedar, 10 ins. diam., bears N. 10°30' W., 115 lks. dist., marked T23S R10E S20 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Subdivision of T. 23 S., R. 10 E.

Chains	<p>Soil, shallow clay and sand, mixed with loose sandstone. Undergrowth, scattering shadscale and sagebrush. Timber, scattering and dense cedar and pinon. Fair grazing.</p>
	<p>N. 89°58' E., on random line bet. secs. 21 and 28.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	West, on true line bet. secs. 21 and 28.
	Descend gradually over broken mountainous land through dense timber and scattering undergrowth.
6.20	Draw, 40 ft. below cor., drains E. 80° W.; ascend gradually over E. slope.
11.10	Spur, 30 ft. above draw, projects NW., about 2.00 chs.; descend gradually.
15.00	Wash, 30 lks. wide, 4 ft. deep, in draw, drains S. 10° W.; continue gradual descent.
19.90	Wash, 20 lks. wide, 2 ft. deep, in draw, 60 ft. below spur, drains S.; ascend gradually.
29.60	Rocky point, 70 ft. above draw, projects S., about 2.00 chs.; descend gradually.
33.40	Draw, 50 ft. below point, drains S.; continue gradual descent.
37.95	Point projects S. about 5 chs. desc. abrupt W. slope.
40.00	On broken land, 20 ft. below point
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S21 \\ \hline S28 \\ 1922 \end{array}$
	From which,
	A cedar, 10 ins. diam., bears S. 53° W., 315 lks. dist., marked $\frac{1}{4}$ S28 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

A pinon, 6 ins. diam., bears N. 36° W., 41 lks. dist., marked BT. Tree too scrubby for other marks.

- 43.70 Leave timber and enter large draw, bears N. and S.
- 45.20 Road to Tan Seep, bears N. and S.
- 46.20 Wash, 100 lks. wide, 4 ft. deep, in large draw, 150 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend gradually.
- 58.30 Wash, 10 lks. wide, 3 ft. deep, drains SE.
- 72.00 Leave draw and enter scattering timber, bears N. and S.
- 76.20 Spur, 60 ft. above draw, projects NE.; descend gradually.
- 80.00 The cor. of secs. 20, 21, 28 and 29, 20 ft. below spur. Land, broken and mountainous with a general southerly exposure and drainage. Soil, shallow clay and sand, mixed with loose sandstone. Undergrowth, scattering shadscale and yellow brush. Timber, scattering and dense cedar and pinon on portions of mile. Fair grazing.

N. 0°03' W., bet. secs. 20 and 21.

Descend gradually over broken mountainous land through scattering timber and undergrowth.

- 3.60 Wash, 20 lks. wide, 4 ft. deep, in draw, 30 ft. below cor., drains NE.; ascend gradually.
- 10.10 Spur, 50 ft. above draw, projects NE.; descend gradually.
- 19.50 Wash, 20 lks. wide, 4 ft. deep, in draw, drains S. 80° E.; continue gradual descent.
- 23.40 Wash, 10 lks. wide, 2 ft. deep, in draw, drains SE.
- 31.00 Wash, 50 lks. wide, 6 ft. deep, in draw, 60 ft. below spur, drains SE.; ascend gradually.
- 40.00 On broken land, 20 ft. above draw, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 23 S., R. 10 E.

Chains

From which,

A pinon, 12 ins. diam., bears N. 13° E., 574 lks.
dist., marked $\frac{1}{4}$ S21 BT.

A cedar, 10 ins. diam., bears N. 79° W., 120 lks.
dist., marked $\frac{1}{4}$ S20 BT.

42.10 Timber becomes dense, bears E. and W.

62.00 Small spur, 80 ft. above the $\frac{1}{4}$ sec. cor., projects E.;
descend gradually.

74.20 Wash, 30 lks. wide, 4 ft. deep, in draw, 30 ft. below
spur, drains SE.; ascend gradually.

80.00 On broken land, 70 ft. above draw.

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.

T23S	R10E
S17	S16
S20	S21
1922	

From which,

A pinon, 10 ins. diam., bears N. 70°30' E., 145 lks.
dist., marked T23S R10E S16 BT.

A pinon, 8 ins. diam., bears S. 35°30' E., 57 lks,
dist., marked T23S R10E S21 BT.

A pinon, 10 ins. diam., bears S. 27°30' W., 90 lks.
dist., marked T23S R10E S20 BT.

A pinon, 10 ins. diam., bears N. 20°30' W., 148 lks.
dist., marked T23S R10E S17 BT.

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

Soil, shallow sand and clay loam, mixed with loose sand-
stone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering and dense cedar and pinon.

Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains.	East, on random line bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence
	S. $89^{\circ} 54'$ W., on true line bet. secs. 16 and 21.
	Descend gradually over broken mountainous land through dense timber and scattering undergrowth.
15.50	Wash, 30 lks. wide; 4 ft. deep, in draw, 50 ft. below cor., drains SW.; asc. gradually.
17.80	Road, bears NE. and SW.
27.75	Begin abrupt asc. over E. brink of mesa.
34.60	East. brink of ridge, bears NE. and SW.
39.94	On broken land, 220 ft. above draw
	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in. the ground to bedrock and in large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4} \quad \frac{S \ 16}{S \ 21}$
	1922
	From which,
	A pinon, 10 ins. diam., bears S. $41^{\circ} 45'$ E., 50 lks. dist., marked $\frac{1}{4}$ S21 BT.
	A pinon, 8 ins. diam., bears N. $58^{\circ} 15'$ W., 79 lks. dist., marked $\frac{1}{4}$ S16 BT.
	Thence desc. gradually over rolling top of ridge.
60.40	The W. brink of ridge. and top of high ledge, bears NE. and SW.; descend abruptly.
67.00	Wash, 30 lks. wide, 4 ft. deep, in draw, 370 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradually.
79.88	The cor. of secs. 16, 17, 20, and 21, 70 ft. above draw. Land, broken and mountainous. with a general southerly exposure and drainage.
	Soil, shallow clay and sand, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, dense cedar and pinon.
	Fair Grazing.

Subdivision of T. 23 S., R. 10 E.

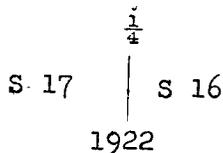
Chains.

N. $0^{\circ} 03'$ W., bet. secs. 16 and 17.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

- 9.50 Top of spur and rimrock, 80 ft. above cor., rimrock bears NE. and SW., spur projects NE.; desc. gradually.
- 17.10 The N. brink of spur and sandstone ledges, bears NE. and SW.; desc. abruptly.
- 21.10 Draw, 90 ft. below spur, drains NE. about 5 chs., thence SE.; desc. gradually.
- 23.20 Small spur, 60 ft. above draw, projects E., about 1 ch.; desc. gradually.
- 24.00 Draw, 60 ft. below spur, drains SE.; asc. gradually.
- 29.00 Spur, 80 ft. above draw, projects SE.; desc. gradually, over broken E. slope.
- 39.50 Draw, 50 ft. below spur, drains SE.; asc. abruptly.
- 40.00 On N. side of draw, 10 ft. above bottom.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



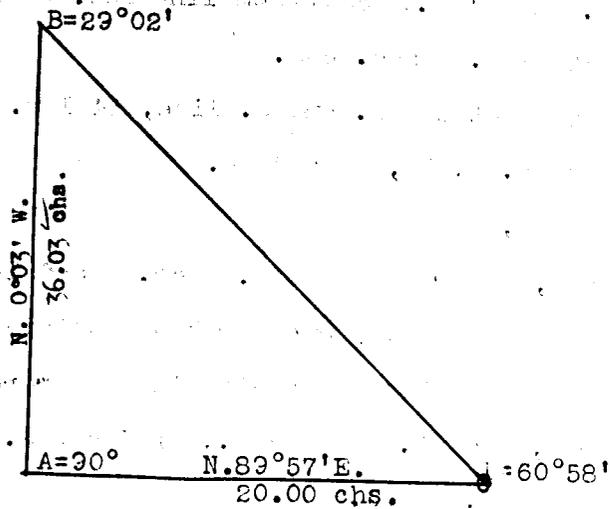
From which

A pinon, 14 ins. diam., bears S. $76^{\circ} 15'$ E., 175 lks. dist., marked $\frac{1}{4}$ S16 BT.

A pinon, 8 ins. diam., bears N. $53^{\circ} 30'$ W., 35 lks. dist., marked $\frac{1}{4}$ S17 BT.

The line to the N. passes over high sandstone ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows: Erect flag "A" at the $\frac{1}{4}$ sec. cor., and flag "B" on line N. at top of ledge. From flag "A" measure a base line N. $89^{\circ} 57'$ E. 20.00 chs. dist. and erect flag "C", from which, flag "B" subtends an angle of $60^{\circ} 58'$ from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.

Subdivision of T. 23 S., R. 10 E.



Distance on line = 40.00 chs.
 Distance by triangulation = 36.03 chs.
 76.03 chs.

76.03 To point of triangulation at top of high sandstone ledge, 600 ft. above the sec. cor., bears E. and W.; thence ascend gradually over broken land.

80.00 On broken land, 40 ft. above top of ledge. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T23S	R10E
S8	S9
S17	S16
1922	

From which,

A pinon, 10 ins. diam., bears N. 32°15' E., 100 lks. dist., marked T23S R10E S9 BT.

A pinon, 10 ins. diam., bears S. 44°30' E., 78 lks. dist., marked T23S R10E S16 BT.

A pinon, 10 ins. diam., bears S. 19°30' W., 142 lks. dist., marked T23S R10E S17 BT.

A pinon, 10 ins. diam., bears N. 30°30' W., 98 lks. dist., marked T23S R10E S8 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering bitter and buck brush.

Timber, dense cedar and pinon. Fair grazing

Subdivision of T. 23 S., R. 10 E.

Chains

N. 89°54' E., on random line bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence,

West, on true line bet. secs. 9 and 16.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

14.20 Spur, 100 ft. above cor., projects S.; descend abruptly over W. slope.

19.90 Draw, 80 ft. below spur, drains S.; ascend gradually.

23.50 Spur, 50 ft. above draw, projects S.; descend abrupt W. slope.

28.40 Ravine, 180 ft. below spur, drains SE.; ascend gradually.

30.50 Spur, 30 ft. above ravine, projects SE.; descend gradually.

35.00 Head of draw, 40 ft. below spur, drains SE.; ascend gradually.

37.30 Spur, 20 ft. above head of draw, projects S.; descend gradually.

39.95 On gentle W. slope. 20 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S9

S16
1922

From which,

A pinon, 14 ins. diam., bears S. 43°30' E., 72 lks. dist., marked 1/4 S16BT.

A pinon, 8 ins. diam., bears N. 10°30' W., 60 lks. dist., marked 1/4 S12 BT.

43.00 Gulch, 20 ft. below the 1/4 sec. cor., drains SE.; ascend gradually.

47.00 Begin abrupt ascent over sloping sandstone ledges, bears N. 30° W. and S. 30° E.

Subdivision of T. 23 S., R. 10 E.

Chains

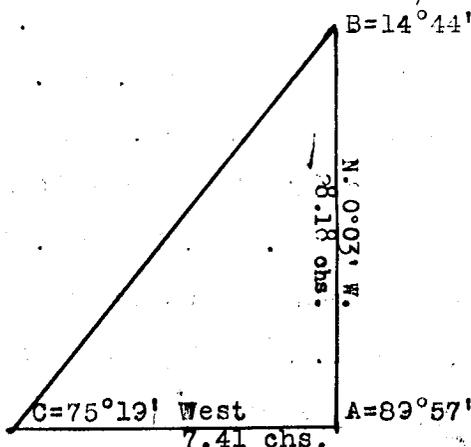
77.50 Top of high sandstone ridge, 600 ft. above gulch, bears N.E., SE. and SW.; descend gradually.

79.90 The cor. of secs. 8, 9, 16 and 17, 50 ft. below ridge. Land, broken and mountainous with a general southerly and southeasterly exposure and drainage. Soil, shallow clay and sand, mixed with loose sandstone. Undergrowth, scattering shadscale, bitter and buck brush. Timber, dense cedar and pinon. Fair grazing.

N. 0°03' W., bet. secs. 8 and 9.

Over broken mountainous land through dense timber and scattering undergrowth.

The line to the N. of this cor., crosses the head of the S. fork of Eagle Canyon, and cannot be chained on account the of the high perpendicular sandstone walls on each side of canyon, I therefore determine the distance across canyon by triangulation as follows. Erect flag "A" at the cor. of secs. 8, 9, 16 and 17 and flag "B" on line to the N. From flag "A", measure a base line, W., 7.41 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 14°44' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 28.18 chs.

Approximate topography bet. points of triangulation.

Subdivision of T. 23 S., R. 10 E.

Chains

- 3.00 Begin abrupt descent over N. slope.
 - 8.00 Top of ledge and brink of S. fork of Eagle Canyon, bears E. and N.; descend abruptly over sandstone ledge.
 - 20.00 Bottom of S. fork of Eagle Canyon, 700 ft. below the sec. cor., drains N.; ascend abruptly over sandstone ledges.
 - 28.18 To point of triangulation on N. side of canyon and top of ridge, 270 ft. above bottom of canyon, bears E. and NW.; descend gradually.
 - 30.30 Top of ledge and brink of fork of Eagle Canyon, 30 ft. below top of ridge, bears E. and NW.: As the true point for the $\frac{1}{2}$ sec. cor. will fall on sandstone ledges where a permanent cor. cannot be set, at this point, on sandstone surface rock, mark a cross (X) at the exact witness cor. point, over which.
- Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to $\frac{1}{2}$ sec. cor. of secs. 8 and 9 with brass cap marked.



From which,

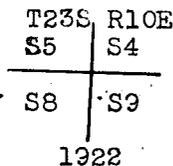
- A pinon, 12 ins. diam., bears S. $10^{\circ}45'$ E., 53 lks. dist., marked WC $\frac{1}{2}$ S9 BT.
- A pinon, 10 ins. diam., bears S. $45^{\circ}30'$ N., 25 lks. dist., marked WC $\frac{1}{2}$ S8 BT.

- 4.00 True point for the $\frac{1}{2}$ sec. cor. falls on sandstone ledges where a permanent cor. cannot be set; no cor. set.
- 6.00 Base of descent at bottom of canyon, 620 ft. below the witness $\frac{1}{2}$ sec. cor, bears N. 10° W. and S. 10° E.; thence ascend gradually along W. side of canyon.
- 73.00 Spur, 150 ft. above base of descent, projects W.; descend abrupt N. slope.
- 78.00 Bottom of Eagle Canyon, 150 ft. below spur, drains N. 75° W ascend broken N. slope.
- 80.00 On broken N. slope, 40 ft. above canyon.

Subdivision of T. 23 S., R. 10 E.

Chains

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.



From which,

A point on a sandstone ledge, bears N. 43°30' E., 20 lks. dist., marked X B0 S4:

A pinon, 6 ins. diam., bears S. 36°45' E.; 77 lks. dist., marked T23S R10E S9 BT.

A pinon, 8 ins. diam., bears S. 73°30' W., 145 lks. dist., marked T23S R10E S8 BT.

A pinon, 12 ins. diam., bears N. 48°45' W., 229 lks. dist., marked T23S R10E S5 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

East, on random line bet. secs. 4 and 9.

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

79.94 Intersect the N. and S. line, at the cor. of secs. 3, 4, 9 and 10.

Thence,

West, on true line bet. secs. 4 and 9.

Ascend gradually over rolling land through scattering undergrowth and timber.

25.94 The N. end of Joe Swasey's cabin bears S. 63°10' W.

39.97 On rolling land, 60 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 23 S., R. 10 E.

Chains

GILLIARD

S4

S9

1322

From which,

A pinon, 8 ins. diam., bears S. 84° W., 246 lks.
dist., marked $\frac{1}{4}$ S9 BT.

A cedar, 14 ins. diam., bears N. $78^{\circ}45'$ W., 270 lks.
dist., marked $\frac{1}{4}$ S4 BT.

From this cor., the N. end of Joe Swasey's cabin, bears
S. $22^{\circ}05'$ W.

40.80 Road, bears NE. and SW.

42.40 Enter dense timber, bears N. and S.

49.70 Low divide and pass in ridge bet. Sinbad and Eagle Canyon,
30 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend
gradually.

57.50 Gulch, which forms the head of Eagle Canyon, 70 ft. below
ridge, drains NW., about 2.00 chs., thence W.; ascend
gradually.

59.80 Spur, 20 ft. above gulch, projects N., into Eagle Canyon;
descend gradually.

62.30 Gulch, 60 ft. below spur, drains N., about 1.00 chs.,
into main canyon, thence W. Small seep of fair water,
called Cliff Dweller Springs, bears S., about 15.00
chs. dist. at head of gulch; ascend gradually.

64.70 Spur, 40 ft. above gulch, projects N.; descend gradually.

73.40 Eagle Canyon, 50 ft. below spur, drains SW., about 10.00
chs., thence NW.; ascend gradually.

79.94 The cor. of secs. 4, 5, 8 and 9, 40 ft. above canyon.

Land, rolling with a general northeasterly exposure and
drainage.

Soil, shallow caly and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense and scattering cedar and pinon.

Fair grazing.

Subdivision of T. 23 S., ' 10 E.

Chains

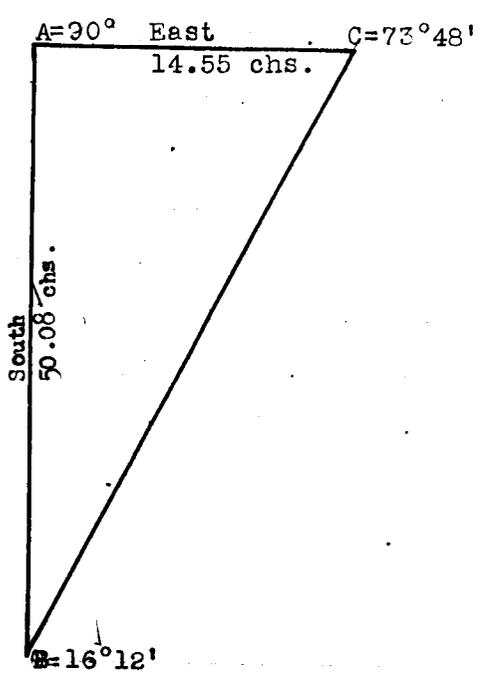
It being impossible to project my line N. from the cor. of secs. 4, 5, 8 and 9, by triangulation, traverse or by offsets, I commence at the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the township.

Thence,

South, on true line bet. secs. 4 and 5.

Over broken sandstone ledges through dense timber and scattering undergrowth.

As the line S. from this cor., passes over deep box canyons and sandstone ledges over which I am unable to chain, I determine the distance by triangulation as follows. Erect flag "A" at the cor. of secs. 4, 5, 32 and 33, and flag "B" on line S. From flag "A", measure a base line E., 14.55 chs. dist. and erect flag "C". No longer base line could be obtained. From flag "B", flag "C" subtends an angle of 16°12' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation =	50.08 chs.
Distance by return measurement =	10.08 chs.
	<hr/>
	40.00 chs.

Approximate topography bet. points of triangulation.

Subdivision of T. 23 S., R. 10 E.

Chains	
20.00	Bottom of deep box canyon, 250 ft. below cor., drains W.; ascend abrupt S. slope over sandstone ledges.
25.00	Low pass in sandstone ridge, 200 ft. above canyon, bears E. and W.; descend abrupt S. slope.
38.00	Bottom of canyon, 280 ft. below ridge, drains S. 80° W.; ascend abrupt N. slope.
40.00	On steep SW. slope, 100 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S5 | S4 1922
	Deposit a memorial alongside cor., which is a sandstone, 8 x 4 x 4 ins., marked with a cross (X).
	No other accessory available.
50.08	To point of triangulation.
	The line to the S. of this point cannot be surveyed by offsets, traverses or triangulations on account of inaccessible sandstone ledges and deep box canyons, I therefore abandon my line at this point.
	Land, broken by high sandstone ledges and deep box canyons with a general westerly exposure and drainage.
	Soil, shallow sand, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, dense cedar and pinon.
	Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.
of the twp.

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Desc. gradually over broken mountainous land through
dense timber and scattering undergrowth.

2.40 The S. brink of ravine, bears NW. and SE.

7.70 Wash, 20 lks. wide, 4 ft. deep, in bottom of ravine,
140 ft. below cor., drains SE.; asc. abruptly.

10.60 The north brink of ravine, bears E. and SW.

15.10 Spur, 120 ft. above ravine, projects S. 80° E.; desc.
gradually.

17.70 The S. brink of large draw, bears S. 80° E. and N. 80°
W.; desc. abrupt N. slope over sandstone ledges.

25.20 Draw, 130 ft. below spur, drains SE.; asc. gradually.

40.00 On gentle SW. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground to bedrock and in a large mound of stone,
for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 31 \quad | \quad \text{S } 32 \\ | \\ 1922 \end{array}$$

From which

A pinon, 8 ins. diam., bears N. $11^{\circ} 15'$ E., 120 lks.
dist., marked $\frac{1}{4}$ S32 BT.

A pinon, 6 ins. diam., bears N. 63° W., 54 lks.
dist., marked $\frac{1}{4}$ S31 BT.

50.00 Top of ridge and sandstone rimrock, 270 ft. above $\frac{1}{4}$ sec.
cor., bears SE. and N. 5° W.; desc. abruptly precipi-
tious E. slope,, ledges and boulders.

58.90 Base of descent, 120 ft. below ridge; ascend abruptly
over rugged E. slope.

69.00 The S. brink of ledge, 160 ft. above base of desc., bears
S. 10° W. about 5 chs., northeast about 50 lks.,

Subdivision of T. 23 S., R. 10 E.

Chains, thence NW., ledge is 100 ft. high.
 70.20 The N. brink of ledge bears W., about 8.00 chs., thence NW. and E., about 50 lks., thence S. 10° W.; descend abruptly.
 80.00 On steep NE. slope, 250 ft. below ledge. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

T23S	R10E
S30	S29
S31	S32

1922

From which,

A pinon, 8 ins. diam., bears N. 81° E., 37 lks. dist., marked T23S R10E S29 BT.

A pinon, 10 ins. diam., bears S. 42° 15' E., 194 lks. dist., marked T23S R10E S32 BT.

A pinon, 10 ins. diam., bears S. 60° 30' W., 116 lks. dist., marked T23S R10E S31 BT.

A pinon, 8 ins. diam., bears N. 71° 45' W., 157 lks. dist., marked T23S R10E S30 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon:

Fair grazing.

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

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

79.96 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 28, 29, 32 and 33:

Thence,

N. 89° 59' W., on true line bet. secs. 29 and 32.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

Subdivision of T. 23 S., R. 10 E.

Chains	
12.60	Spur, 60 ft. above cor., projects SW.; descend gradually.
17.40	Draw, 60 ft. below spur, drains S.; about 5.00 chs., thence SE.; ascend gradually.
21.30	Spur, 20 ft. above draw, projects SE.; descend gradually.
23.10	Draw, 20 ft. below spur, drains SE.; ascend gradually.
32.80	Spur, 50 ft. above draw, projects SE.; descend gradually.
36.30	Wash, 20 lks. wide, 2 ft. deep, drains S., about 1.00 chs., thence SE.
38.30	Wash, 20 lks. wide, 3 ft. deep, in draw, 70 ft. below spur, drains SE.; ascend gradually.
39.98	On broken land, 20 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S29 \\ \frac{1}{4} \\ \hline S32 \\ 1922 \end{array}$
	From which,
	A cedar, 20 ins. diam., bears S. 81° W., 77 lks. dist., marked $\frac{1}{4}$ S32 BT.
	A pinon, 10 ins. diam., bears N. 57°15' W., 161 lks. dist., marked $\frac{1}{4}$ S29 BT.
50.90	Spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradually.
59.50	Draw, 30 ft. below spur, drains NE.; ascend gradually.
79.26	The cor. of secs. 29, 30, 31 and 32, 70 ft. above draw. Land, broken and mountainous with a general southeasterly exposure and drainage. Soil, shallow sand and clay, mixed with loose sandstone. Undergrowth, scattering shadscale. Timber, dense cedar and pinon. Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

West, on random line bet. secs. 30 and 31.

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

78.80 Intersect the W. bdy. of the township, 21 lks. N. of the cor. of secs. 25, 30, 31 and 36.

Thence,

N. $89^{\circ}51'$ E., on true line bet. secs. 30 and 31.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

5.80 Draw, 50 ft. below cor., drains S.; ascend gradually over broken SW. slope of bench.

38.80 On broken SW. slope of bench, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S30
—
 $\frac{1}{4}$
S31

1922

From which,

A pinon, 8 ins. diam., bears N. 11° E., 97 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 10 ins. diam., bears S. $24^{\circ}30'$ E., 258 lks. dist., marked $\frac{1}{4}$ S31 BT.

Thence ascend abruptly over broken SW. slope of bench.

47.30 Top of high ledge and W. brink of bench, 300 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NW.; thence over broken top of bench.

71.10 Top of high ledge and E. brink of bench, bears SE. and NW.; descend abruptly over broken NE. slope of bench.

78.80 The cor. of secs. 29, 30, 31 and 32, 240 ft. below top of bench.

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

Soil, shallow rocky clay and sand.

Undergrowth, scattering shadscale and sagebrush.

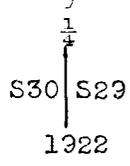
Timber, dense cedar and pinon. Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

N. 0°03' W., bet. secs. 29 and 30.

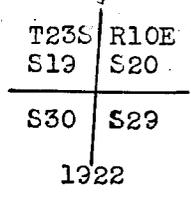
- Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.
- 17.60 Top of ascent, 90 ft. above cor., projects NE.; descend gradually.
- 30.50 Wash, 30 lks. wide, 4 ft. deep, in draw, 120 ft. below point, drains SE.; ascend gradually.
- 40.00 On broken land, 20 ft. above draw.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A pinon, 10 ins. diam., bears N. 46°15' W., 121 lks. dist., marked $\frac{1}{4}$ S30 BT.
- A pinon, 12 ins. diam., bears S. 80°30' E., 153 lks. dist., marked $\frac{1}{4}$ S29 BT.

- 47.30 Spur, 40 ft. above the $\frac{1}{4}$ sec. cor., projects E.; descend gradually.
- 51.00 Wash, 10 lks. wide, 3 ft. deep, in draw, 30 ft. below spur, drains SE.; ascend gradually.
- 63.80 Spur, 40 ft. above draw, projects E., about 2.00 chs.; descend gradually.
- 66.50 Wash, 20 lks. wide, 3 ft. deep, in draw, 20 ft. below spur, drains SE.; ascend gradually.
- 80.00 On broken SE. slope, 30 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.



Subdivision of T. 23 S., R. 10 E.

Chains

ant 10

- From which,
- A pinon, 10 ins. diam., bears N. 52°15' E., 58 lks. dist., marked T23S R10E S20 BT.
 - A pinon, 10 ins. diam., bears S. 43° E., 48 lks. dist., marked T23S R10E S20 BT.
 - A pinon, 10 ins. diam., bears S. 70°15' W., 106 lks. dist., marked T23S R10E S30 BT.
 - A pinon, 10 ins. diam., bears N. 67°15' W., 105 lks. dist., marked T23S R10E S19 BT.

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

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

- S. 89°59' E., on random line bet. secs. 20 and 29.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.36 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.
- Thence,
- N. 89°56' W., on true line bet. secs. 20 and 29.
- Descend gradually, over broken mountainous land through scattering undergrowth and dense timber.
- 3.00 Draw, 30 ft. below cor., drains NE.; ascend abruptly.
- 27.00 The E. brink of mesa and top of ledge, 340 ft. above draw, bears N. and S.; descend gradually.
- 38.60 Gully, 30 ft. below ledge, drains NW.; ascend gradually.
- 39.98 On small spur, 20 ft. above gully, projects N.
- Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20

 $\frac{1}{4}$
 S29

Subdivision of T. 23 S., R. 10 E.

Chains.	From which
	A pinon, 12 ins. diam., bears N. 63° W., 46 lks. dist., marked $\frac{1}{4}$ S20 BT.
	A pinon, 10 ins. diam., bears S. $61^{\circ} 30'$ E., 77 lks. dist., marked $\frac{1}{4}$ S29 BT.
40.80	Gully, 10 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.
66.00	Top of sandstone ledge and the W. brink of mesa, 60 ft. above gully, bears N. and S.; descend gradually.
69.50	Top of sandstone rimrock, bears S. and NW.; descend abruptly.
74.00	Base of abrupt descent, bears N. and S.; thence descend gradually.
78.70	Draw, 190 ft. below W. brink of mesa, drains SE.; ascend gradually.
79.96	The cor. of secs. 19, 20, 29 and 30, 20 ft. above draw. Land, broken and mountainous with a general southeasterly exposure and drainage. Soil, shallow sand and clay, mixed with loose sandstone. Undergrowth, scattering shadscale and sagebrush. Timber, dense cedar and pinon. Fair grazing.
	S. $89^{\circ} 51'$ W., on random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.73	Intersect the W. bdy. of the twp., 7 lks. S. of the cor. of secs. 19, 24, 25 and 30. Thence, N. $89^{\circ} 54'$ E., on true line bet. secs. 19 and 30. Ascend abruptly ober broken mountainous land through scattering timber and undergrowth.
1.20	The W. brink of bench and top of rimrock, 50 ft. above cor., bears SE. and NW., 1.50 chs., thence NE.; continue ascent broken bench land sloping NW.

Chains.

- 29.20 Spur on E. brink of bench, 80 ft. above the W. brink of bench, projects N. 10° W.; desc. gradually.
- 35.00 Head of draw, 70 ft. below spur, drains NW.; ascend gradually.
- 36.40 Spur, 30 ft. above draw, projects NW.; desc. gradually.
- 38.73 In small gully, 20 ft. below spur, drains NW.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brasscap mkd.

$$\frac{1}{4} \begin{array}{l} S 19 \\ S 30 \end{array}$$

1922

From which,

A pinon, 10 ins. diam., bears S. $60^{\circ} 45'$ W., 18 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 8 ins. diam., bears N. 52° W., 89 lks. dist., marked $\frac{1}{4}$ S19 BT.

Thence ascend abruptly over sandstone ledges.

- 43.00 Top of abrupt ascent, bears N. and S.; thence ascend gradually.
- 45.20 Ridge, 180 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend gradually.
- 59.40 Top of rimrock, 180 ft. below ridge, bears NW. and SW; continue gradual descent.
- 63.80 Draw, 40 ft. below rimrock, drains SE.; asc. gradually.
- 71.60 Top of ledge and W. brink of bench, bears NW. and SE.
- 74.60 Top of rimrock ledge, 140 ft. above draw, bears NW. and SE.; descend abruptly.
- 78.73 The cor. of secs. 19, 20, 29 and 30, 140 ft. below ledge. Land, broken and mountainous with a general southeasterly exposure and drainage.
Soil, shallow sand and clay, mixed with loose sandstone.
Undergrowth, scattering shadscale and sagebrush.
Timber, ^{scattering} cedar and pinon.
Fair grazing.

Subdivision of T. 23 S., R. 10 E.

Chains

N. 0°03' W., bet. secs. 19 and 20.

Descend gradually over broken land through dense timber and scattering undergrowth.

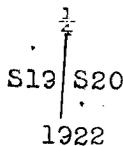
2.00 Draw, 10 ft. below cor., drains SE.; ascend abrupt S. slope.

7.70 The top of N. brink of draw, bears NW. and SE.; thence ascend gradually over mesa.

15.70 Top of mesa, 160 ft. above draw, bears E. and W.; thence over broken top of mesa.

40.00 On broken top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



From which,

A pinon, 8 ins. diam., bears N. 33°30' E., 12 lks. dist., marked 1/4 S20 BT.

A pinon, 9 ins. diam., bears S. 26° W., 19 lks. dist., marked 1/4 S19 BT.

46.20 Draw, 20 ft. deep, drains NE.

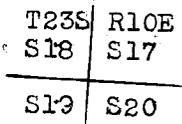
52.80 The N. brink of mesa, bears E. and W.; descend abruptly.

56.00 Ravine, 230 ft. below mesa, drains E.; ascend gradually.

61.10 Top of N. brink of ravine, and rimrock, 70 ft. above bottom of ravine, bears E. and W.; thence over broken land.

80.00 On broken N. slope, 30 ft. above N. brink of ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.



From which,

1922

A pinon, 14 ins. diam., bears N. 35°45' E., 78 lks. dist., marked T23S R10E S17 BT.

A pinon, 12 ins. diam., bears S. 30°30' E., 68 lks. dist., marked T23S R10E S20 BT.

A pinon, 10 ins. diam., bears S. 33° W., 67 lks. dist., marked T23S R10E S19 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

A pinon, 20 ins. diam., bears N. 45°45' W., 162 lks. dist., marked T23S R10E S18 BT.

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

Soil, shallow clay and sand, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°56' E., on random line bet. secs. 17 and 20.

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

79.96 Intersect the N. and S. line, 12 lks. S. of the cor. of 16, 17, 20 and 21. Thence:

S. 89°59' W., on true line bet. secs. 17 and 20.

Ascend abruptly over broken land through dense timber and scattering undergrowth.

1.00 Spur, 30 ft. above cor., projects S. 10° E.; descend along rugged S. slope.

9.60 Draw, 60 ft. below spur, drains SE.; ascend gradually.

16.50 Top of sandstone rimrock, bears SE., and NW. about 2.00 chs., thence NE.

23.60 Ridge, 140 ft. above draw, bears N. and S.; descend gradual W. slope.

32.80 The W. brink of bench, bears NE. and SW.; descend abruptly.

37.40 Wash, 30 lks. wide, 4 ft. deep, in draw, drains SW.; descend gradually.

39.98 On edge of bottom of draw, 160 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S17

$\frac{1}{4}$ S20

From which, 1922

A pinon, 10 ins. diam., bears S. 80° E., 125 lks. dist., marked $\frac{1}{4}$ S20 BT.

Subdivision of T. 23 S., R. 10 E.

Chains

A pinon, 12 ins. diam., bears N. 12° W., 34 lks. dist., marked $\frac{1}{4}$ S17 BT.

Thence, descend gradually.

- 44.70 Wash, 100 lks. wide, 3 ft. deep, in draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend abruptly.
- 51.00 The E. brink of ridge, bears NW. and SE.
- 53.10 Ridge, 130 ft. above draw, bears N. and S.; descend gradually along broken N. slope.
- 63.60 Draw, 70 ft. below ridge, drains N.; ascend gradually.
- 67.30 Spur, 30 ft. above draw, projects NE.; descend gradually.
- 69.80 Draw, 50 ft. below spur, drains NE.; ascend gradually.
- 79.26 The cor. of secs. 17, 18, 19 and 20, 30 ft. above draw.

Land, broken and mountainous with a general southeasterly and northeasterly exposure and drainage.

Soil, shallow sand and clay, mixed with loose sandstone.

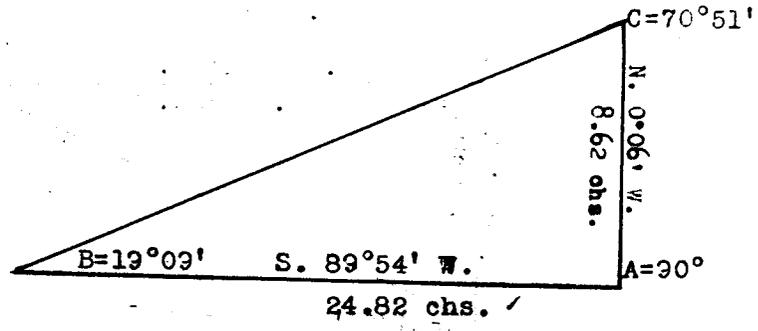
Undergrowth, scattering shadscale, yellow and sage brush.

Timber, dense cedar and pinon.

Fair grazing.

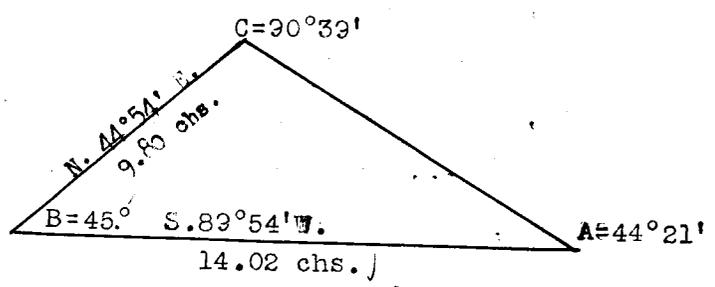
S. 89°54' W., on random line bet. secs. 18 and 19.

Inaccessible sandstone ledges make chaining to the W. of this cor., impossible, --, I therefore determine the distance by triangulation as follows. Erect flag "A" at the cor. of secs. 17, 18, 19 and 20, and flag "B" on to the line/W. From flag "A", measure a base line, N. 0°06' W., 8.62 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 19°09' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



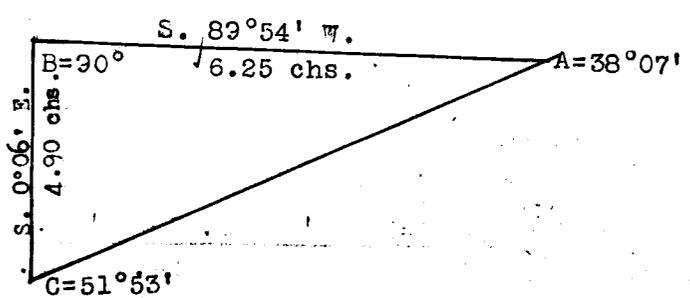
Subdivision of T. 23 S., R. 10 E.

- Chains
- 24.82 Point of triangulation on top of ledge.
 - 37.88 As the true point for the $\frac{1}{4}$ sec. cor. falls on ledges where a permanent cor. cannot be set; at this point. Set temp. witness $\frac{1}{4}$ sec. cor.
 - 40.00 Point fall on ledges.
 - 44.03 Inaccessible sandstone ledges make chaining to the W. of this point impossible, e, I therefore determine the dist. by triangulation as follows. Erect flag "A" at the 44.03 chs. point and flag "B" on line to the W. From flag "B", measure a base line, N. $44^{\circ}54'$ E., 9.80 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of $90^{\circ}39'$ from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line = 44.03 chs.
 Distance by triangulation = 14.02 chs.
 58.05 chs.

- 58.05 To point of triangulation.
- 72.50 Inaccessible sandstone ledges make chaining to the W. of this point impossible, e, I therefore determine the distance by triangulation as follows. Erect flag "A" at the 72.50 chs. point and flag "B" on line to the W. From flag "B", measure a base line, S. $0^{\circ}6'$ E., 4.90 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of $51^{\circ}53'$ from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Chains.

Distance on line, 72.50 chs.
 Distance by triangulation, 6.25 chs.
 Total, 78.75 chs.

78.75 To point of triangulation, intersect the W. bdy. of the township, 16 lks. S. of the cor. of secs. 13, 18, 19 and 24.

Thence,

S. 89° 59' E., on true line bet. secs. 18 and 19.

Over rugged, nearly inaccessible mountainous land through dense timber and scattering undergrowth.

.50 The W. brink of box canon, bears NE. and SW.

6.25 To E. point of triangulation at top of E. brink of box canon, bears NE. and SW.; canon is about 100 ft. deep and drains SW.; ascend gradually.

16.10 Base of high sandstone spur, bears NE. and SW.

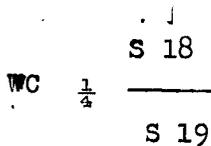
20.70 Top of high sandstone spur, 150 ft. above cor., projects SW.; thence by triangulation over inaccessible ledges which form the W. breaks of box canon, giving approximate topography.

27.70 Bottom of box canon, 150 ft. below spur, drains SW.; ascend broken NW. slope of canon.

34.72 To E. point of triangulation on rocky point on spur, 150 ft. above canon, projects SW.; descend gradually over broken ledges.

38.75 Point for the $\frac{1}{4}$ sec. cor. falls on steep sloping ledges where it is impossible to set permanent corner; no corner set.

40.87 At base of high sloping sandstone ledge, bears NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for witness $\frac{1}{4}$ sec. cor. secs. 18 and 19, with brass cap marked



Subdivision of T. 23 S., R. 10 E.

Chains.

From Which

A pinon, 8 ins. diam., bears S. 59° E., 39 lks. dist., marked WC $\frac{1}{4}$ S19 BT.

A pinon, 8 ins. diam., bears N. 9° W., 41 lks. dist., marked WC $\frac{1}{4}$ S18 BT.

44.50 Bend in ledge and head of box canon, 200 ft. below spur, drains SW.; ascend abruptly over broken ledges.

52.50 Top of high ledge, bears N. and S.

53.20 Top of high rocky ridge, 270 ft. above head of box canon, bears N. and S.; descend abruptly.

53.93 To W. point of triangulation and top of ledge about 200 ft. high, bears N. and S.; thence by triangulation over broken sandstone ledges.

78.75 To E. point of triangulation and cor. of secs. 17, 18, 19 and 20, 600 ft. below ridge.

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

Soil, shallow and sandy clay, mixed with loose sandstone. Undergrowth, scattering shadscale and sagerush.

Timber, dense cedar and pinon. Fair grazing.

N. 0° 05' W., bet. secs. 17 and 18.

Descend gradually over broken mountainous land through dense timber and scattering undergrowth.

.30 Gully, 10 ft. below cor., drains NE.; asc. gradually.

8.70 Spur, 100 ft. above gully, projects SE.; top of high ledge point, bears NW., about 2.50 chs. dist.; descend gradually along broken E. slope at base of ledge.

23.70 Draw, 70 ft. below spur, drains E.; desc/ gradually.

31.70 Spur, 50 ft. above draw, projects E.; desc. gradually.

40.00 On S. side of small gully, 50 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S 18 ↑ S 17

1922

Subdivision of T. 23 S., R. 10 E.

Chains

.From which,

A pinon, 6 ins. diam., bears S. 25° E., 65 lks.
dist., marked $\frac{1}{4}$ S17 BT.

A pinon, 10 ins. diam., bears N. 84°30' W., 55 lks.
dist., marked $\frac{1}{4}$ S18 BT.

- 40.40 Gully, 10 ft. below the $\frac{1}{2}$ sec. cor., drains NE.; ascend gradually.
- 45.80 Spur, 30 ft. above gully, projects NE.; descend gradually.
- 47.50 Draw, 20 ft. below spur, drains NE.; ascend gradually.
- 54.70 Spur, 20 ft. above draw, projects NE.; descend gradually.
- 57.50 Draw, 20 ft. below spur, drains NE.; ascend gradually.
- 59.10 Small sand spur, 20 ft. above draw, projects E.; descend gradually.
- 61.60 Gully, 20 ft. below spur, drains SE.; ascend gradually.
- 65.70 Begin abrupt ascent over broken ledges, bears NW. & SE.
- 80.00 On broken SW slope of sandstone ledges, 280 ft. above gully. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

T23S	R10E
S7	S8
S18	S17
1922	

From which,

A point on sandstone ledge, bears N. 33°15' E.,
11 lks. dist., marked X B0 E8.

A pinon, 10 ins. diam., bears S. 2°30' E., 356 lks.
dist., marked T23S R10E S17 BT.

A pinon, 12 ins. diam., bears S. 11° W., 227 lks.
dist., marked T23S R10E S18 BT.

A pinon, 3 ins. diam., bears N. 30° W., 139 lks.
dist., marked BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow sand and clay, mixed with loose sandstone.

Subdivision of T. 23 S., R. 10 E.

Chains

34.03

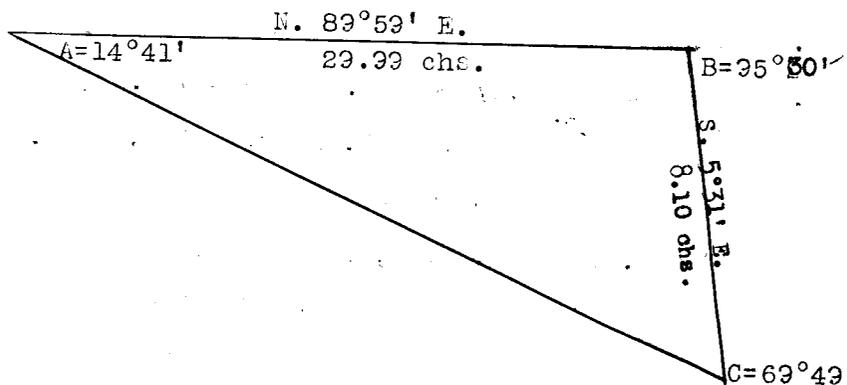
Undergrowth, scattering shadscale and sagebrush.

Timber, dense cedar and pinon..

Fair grazing.

N. 89°59' E., on random line bet. secs. 8 and 17.

4.04 Inaccessible sandstone ledges make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at the 4.04 chs. point and flag "B" on line to the E. From flag "B", measure a base line, S. 5°31' E., 8.10 chains dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 69°49' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



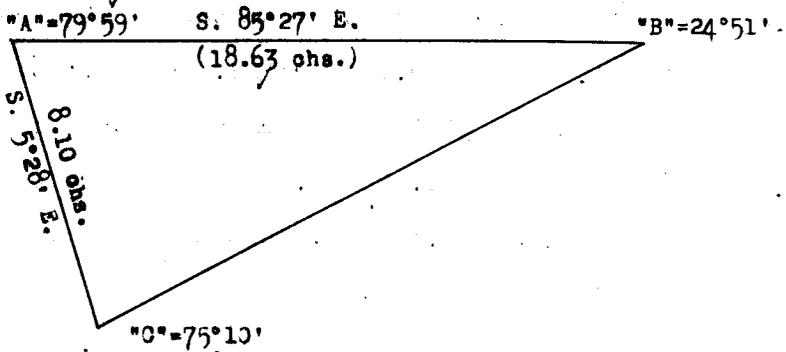
Distance on line =	4.04 chs.
Distance by triangulation =	<u>29.99 chs.</u>
	34.03 chs.

34.03 To point of triangulation

40.00 Set temp. $\frac{1}{2}$ sec. cor.

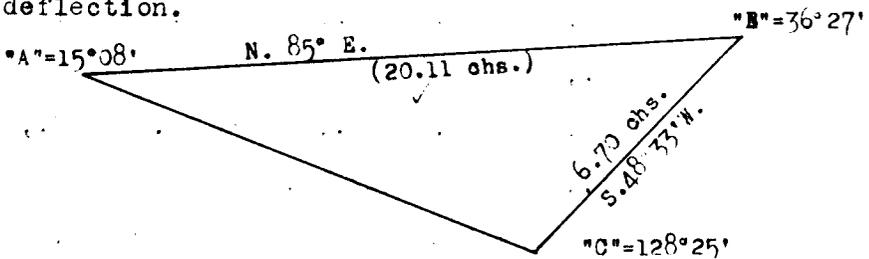
40.02 Inaccessible ledges make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. As it is impossible to see E. or measure a base line from the 40.02 chs. point, I return to the 34.03 chs. point, which I designate "A", As it is impossible to project my line E. from this point, on account of high ledges, I erect flag "B", S. 85°27' E. from point "A". From point "A", measure a base line, S. 5°28' E., 8.10 chs. dist. and erect flag "C". From flag "C", flag "B" subtends an angle of

75° 10' from point "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line, = 34.03 chs.
 Distance by triangulation = 18.63 chs. or 18.57 "
 an easting of 18.57 chs, and southing of 148 chs. from the 34.03 chs. point. 52.60 "

52.60 To a point 1.49 chs. S. of true random line. As it is impossible to return to true line or chain east from this point, I determine the distance by triangulation as follows: Erect flag "A" at this point, and N. 85° E. from flag "A" erect flag "B". From flag "B" measure a base line S. 48° 33' W., 6.70 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 128° 25' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation, 20.11 chs. or an easting of 20.03 chs. and a northing of 1.75 chs. or a point at

72.63 Point 25 lks. N. of random line; offset S. 25 lks. dist. to random line, thence N. 89° 59' E. on random line.

80.04 Intersect the N. and S. line, 26 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence,

Chains.

- S. $89^{\circ} 48'$ W., on true line bet. secs. 8 and 17.
Over broken mountainous land, through dense timber and scattering undergrowth.
- 7.41 E. point of triangulation on top of high rocky ridge, 50 ft. above cor., bears NW. and SE.; thence by triangulation, giving topography on true line.
- 9.50 Measured distance. The E. brink of fork of Eagle Canon, bears N. and S.; desc. abruptly over sandstone ledges. Approximate distance.
- 17.40 Bottom of fork of Eagle Canon, 430 ft. below ridge to W., drains N. 30° W., and heads about 8 chs. S.; ascend abruptly over ledges.
- 27.44 Tp point 166 lks. N. of points "A" and "B" of triangulation in low pass in ledge, bears NW. about $1\frac{1}{2}$ chs. and S. Descend precipitous sandstone ledges.
- 40.02 On broken land.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\frac{1}{4} \begin{array}{l} S 8 \\ S 17 \end{array}$$

1922
- From which
- A pinon, 10 ins. diam., bears N: 1° E., 11 lks. dist., marked $\frac{1}{4}$ S8 BT.
- A pinon, 12 ins. diam., bears S. 35° E., 29 lks. dist., marked $\frac{1}{4}$ S17 BT.
- Note: A low pass into Eagle Canon bears NW. about 8 chs.
- 43.70 Measured dist. Draw, 390 ft. below pass in ledge, drains SW., about 10.00 chs., thence S.; ascend abruptly.
- 46.01 Points "A" and "B" of triangulation. Thence over rugged land at S. break of Eagle Canon to the N.
- 76.00 To point "A" of triangulation on top of high spur 400 ft. above draw, bears N. and S.; desc. precipitous ledges.
- 80.04 The cor. of secs. 7, 8, 17 and 18, 140 ft. below spur.

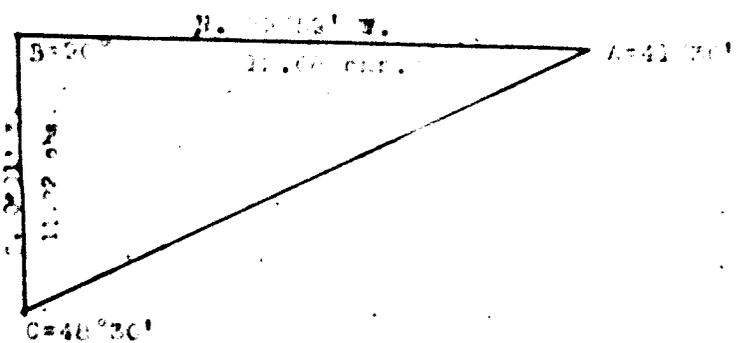
Subdivision of T. 23 S., R. 10 E.

Land, broken and mountainous with a general southerly exposure and drainage.
 Soil, shallow sand and clay, mixed with loose sandstone.
 Undergrowth, scattering shadscale and sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.

N. 82°52' W., on random line bet. secs. 7 and 18.

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

66.12 The breaks of box canyon make chaining to the W. of this point impracticable, I therefore determine the dist. across canyon by triangulation as follows. Erect flag "A" at the 66.12 chs. point and flag "B" on line to the W. from flag "B", measure a base line, i. e. 11.72' W., 11.72 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 48°30' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	66.12 chs.
Distance by triangulation=	<u>12.68 chs.</u>
	78.80 chs.

78.80 To point of triangulation, 3 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the township.

Thence,

S. 82°58' E., on true line bet. secs. 7 and 18.

Descend gradually over broken mountainous land, through dense timber and scattering undergrowth.

Subdivision of T. 23 S., R. 10 E.

Chains

- 4.62 Top of the W. breaks of Devil Canyon, bears N. and S.; thence across canyon by triangulation, giving approximate topography.
- 10.00 Bottom of Devil Canyon, 150 ft. below cor., drains NW.; ascend abruptly over broken E. breaks of canyon.
- 12.68 To point of triangulation at top of E. breaks of canyon, 200 ft. above bottom, bears NW. and SE.; thence ascend gradually over broken W. slope of bench.
- 38.80 On sandstone surfacerock, 160 ft. above E. brink of canyon, mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S7
 S18
 1922

From which,

- A pinon, 6 ins. diam., bears N. 52° E., 41 lks. dist., marked $\frac{1}{4}$ S7 BT.
- A pinon, 16 ins. diam., bears S. 77°45' E., 171 lks. dist., marked $\frac{1}{4}$ S18 BT.

- 50.00 Sandstone butte, 30 ft. high, bears SE., about 3.00 chs.
- 60.60 Top of high rocky ridge, 200 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend gradually.
- 69.90 The E. brink of high ledge, bears NE., 5.00 chs., thence E. and S., 50 lks., thence W., 5.00 chs., thence S.; descend abruptly.
- 78.80 The cor. of secs. 7, 8, 17 and 18, 720 ft. below ridge. Land, broken and mountainous with a general northwesterly exposure and drainage.
 Soil, shallow sand and clay, mixed with loose sandstone.
 Undergrowth, scattering shadscale and sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.

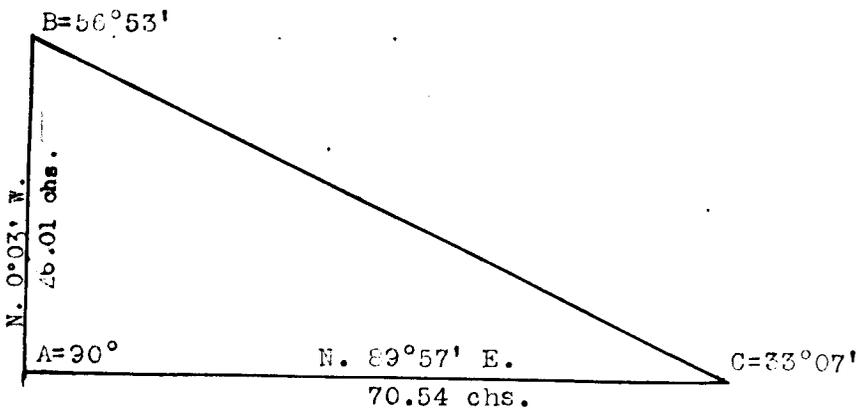
Subdivision of T. 23 S., R. 10 E.

Chains

N. 0°03' W., bet. secs. 7 and 8.

Ascend abruptly over broken mountainous land through scattering timber and undergrowth.

3.80 Top of ledges and sandstone spur, 160 ft. above cor., projects E. The line to the N. of this point, crosses the heads of deep box canyons draining into Eagle Canyon, and also along the E. face of sandstone wall of Eagle Canyon and cannot be chained, I therefore determine the dist. by triangulation as follows. Erect flag "A" at a point 19 lks. N. 0°03' W. from the cor. of secs. 7, 8, 17 and 18 and flag "B" on line to the N. From flag "A", measure a base line, N. 89°57' E., 70.54 chs. dist. and erect flag "C". From flag "B", flag "C" subtends an angle of 56°53' from flag "A". All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	.19 chs.
Distance by triangulation =	46.01 chs. ✓
Distance by return measurement =	46.20 chs.
	.40 chs.
	45.80 chs.

Approximate topography bet. points of triangulation.

- 25.00 Bottom of box canyon, 600 ft. below spur, drains E., head about 10.00 chs. W.; ascend abruptly over sandstone ledges.
- 36.00 Sandstone spur, 400 ft. above canyon, projects N. 60° E.; ascend gradually over broken E. slope of sandstone ledges.
- 40.00 Point for the 1/4 sec. cor. falls on sandstone ledge and cannot be reached; no cor. set.

Subdivision of T. 23 S., R. 10 E.

Chains

45.80 On broken land, near top of spur, 80 ft. above spur at 36.00 chs. point.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor. of secs. 7 and 8, with brass cap marked.

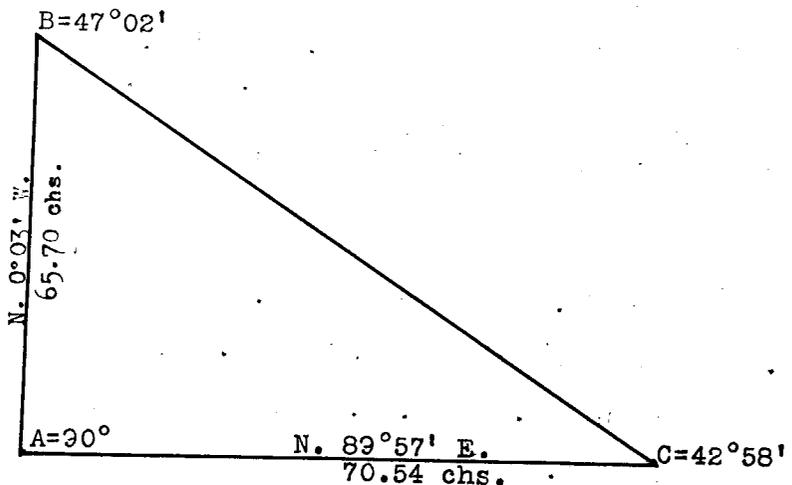
$\frac{1}{4}$
 S7 | S8
 W C
 1922

From which,

A pinon, 8 ins. diam., bears S. 26° E., 19 lks. dist., marked WC $\frac{1}{4}$ S8.BT.

A pinon, 12 ins. diam., bears S. 40° W., 113 lks. dist., marked WC $\frac{1}{4}$ S7.BT.

46.20 To point of triangulation on top of sandstone spur, 10 ft. above the witness $\frac{1}{4}$ sec. cor., projects E. The line to the N. of this point, crosses over deep box canyon, which heads about 10.00 chs. to the W. and over which I am unable to chain, I therefore determine the dist. by triangulation as follows. Erect flag "B" on line to the N., from which, flags "A" and "C" used in the previous triangulation, subtends an angle of 47°02'.



Distance on line =	.19 chs.
Distance by triangulation =	65.70 chs.
Distance by return measurement =	65.89 chs.
	.19 chs.
	65.70 chs.

Approximate topography between points of triangulation.

55.70. Bottom of deep box canon, 690 ft. below spur, drains E.; ascend abruptly over sandstone ledges.

65.70. Narrow sandstone point, 430 ft. above canon, projects E.

65.89 To point of triangulation. About 11 chs. N. from this point, a deep gulch, 480 ft. below point drains E. As it is impossible to chain to the N. of 65.89 chs. point, on account of breaks of gulch, I return to the 65.70 chs. point and offset as follows.

- West, 9.62 chs., thence
- N. 0° 03' W., 14.30 chs., thence
- East, 9.62 chs. to

80.00 Point on true line; at this point, on steep E. talus at base of sandstone ledge on W. side of Eagle Canon. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T23S	R10E
S 6	S 5
S 7	S 8

1922

From which,

- A pinon, 10 ins. diam., bears N. 75° 15' E., 115 lks. dist., marked T23S R10E S5 BT.
- A pinon, 8 ins. diam., bears S. 72° 30' E., 105 lks. dist., marked T23S R10E S9 BT.
- A pinon, 10 ins. diam., bears S. 64° W., 62 lks. dist., marked T23S R10E S7 BT.
- A pinon, 10 ins. diam., bears N. 50° W., 106 lks. dist., marked T23S R10E S6 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow sand and clay, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar and pinon. Fair grazing.

It being impossible to run a random line in the regular manner bet. secs. 5 and 8, I proceed as follows:

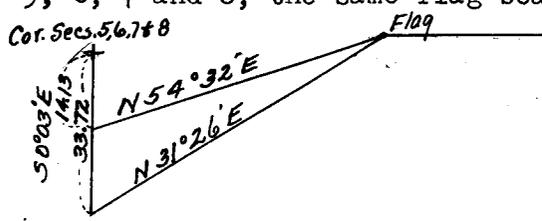
Erect a flag in a prominent place eastwardly from the cor. of secs. 5, 6, 7, and 8.

Subdivision of T. 23 S., R. 10 E.

Chains.

From a point S. 0° 03' E., 14.13 chs. from the cor. of secs. 5, 6, 7 and 8, the flag bears N. 54° 32' E.

From a point S. 0° 03' E., 33.72 chs. from the cor. of secs. 5, 6, 7 and 8, the same flag bears N. 31° 26' E.



Therefore, by computation, the flag is 1 ch. north, and 21.25 chs. east of the cor. of secs. 5, 6, 7 and 8. a point 1 ch. S. of Thence East from flag, counting dist. from sec. cor.

- 40.00 Set temp. 1/4 sec. cor.
- 79.80 Intersect the N. and S. line 23 lks. S. of the cor. of secs. 4, 5, 8 and 9. S. 89° 50' E., on true line bet. secs. 5 and 8. Desc. gradually over rugged mountainous land in Eagle Canon through scattering timber and undergrowth.
- 2.60 Eagle Canon and wash, 30 ft. below sec. cor., drains N. 80° W.; asc
- 5.50 Spur, 20 ft. above canon projects NW., about 1 ch.; desc.
- 14.60 Fork of Eagle Canon, 40 ft. below spur, drains NW. about 5 chs. to canon; ascend gradually.
- 23.70 Spur, 80 ft. above canon fork projects NW.; desc. gradually.
- 31.20 Draw, 50 ft. below spur, drains NW., about 4 chs. to canon; thence along broken N. slope of Eagle Canon.
- 39.90 On broken NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S \ 5}{S \ 8}$$

1922

From which,

A pinon, 10 ins. diam., bears N. 1° E., 66 lks. dist., marked 1/4 S5 BT.

A pinon, 10 ins. diam., bears S. 23° W., 29 lks. dist., marked 1/4 S8 BT.

- 41.30 Recross wash in Eagle Canon, drains SW. and SE.
- 43.40 Recross wash in Eagle Canon, 60 ft. below 1/4 sec. cor.,

Subdivision of T. 23 S., R. 10 E.

Chains

drains NW.; ascend abruptly over breaks of canyon.

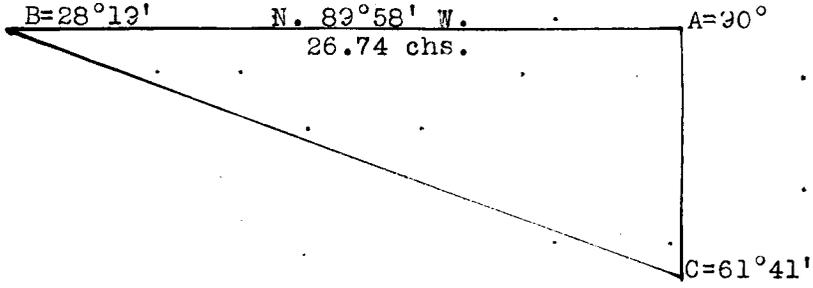
58.55 To point 1 ch. S. of triangulation point on random line, at top of high rocky spur. projects N., 470 ft. above Eagle Canyon. Thence by triangulation.

76.40 Approximate distance: Bottom of fork of Eagle Canyon, drains NW., 450 ft. below spur; ascend gradually.

79.80 The cor. of secs. 5, 6, 7, and 8, 30 ft. above canyon. Land, broken and mountainous with a general northwesterly exposure and drainage. Soil, shallow sand and clay, mixed with loose sandstone. Undergrowth, scattering shadscale and sagebrush. Timber, scattering cedar and pinon. Fair grazing.

N. 89°58' W., on random line bet. secs. 6 and 7.

9.62 Inaccessible sandstone ledges make chaining to the W. of this point impossible, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A", measure base line "AC", S. 0°02' W., 14.41 chs. distant, from which point, flags "AB" subtends an angle of 61°41'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	9.62 chs.
Distance by triangulation =	26.74 chs.
	<u>36.36 chs.</u>

36.36 To point of triangulation

40.00 Set temp. 1/4 sec. cor.

78.73 Intersect the W. bdy. of the twp. 7 lks. S. of the cor. of secs. 1, 6, 7 and 12.

Thence,

Subdivision of T. 23 S., R. 10 E.

Chains	
	S. 89°55' E., on true line bet. secs. 6 and 7. Ascend gradually over broken land through dense timber, and scattering undergrowth.
3.20	Ridge, 20 ft. above cor., bears SE. and N. 80° W.; continue gradual ascent.
27.50	The W. brink of ravine, 30 ft. above ridge, bears N. and S., descend abruptly.
29.80	Ravine, drains N. 10° E.; continue descent.
32.30	Fork of ravine, 70 ft. below W. brink of ravine, drains from SE. to NW.; ascend gradually.
34.60	E. brink of ravine, bears N. and S.; continue ascent.
38.73	On broken NW. slope, 70 ft. above fork of ravine. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a large mound of stone, for sec. cor., with brass cap marked.
	S6

	S7
	1922
	From which,
	A pinon, 10 ins. diam., bears N. 1° E., 50 lks. dist., marked S6 BT.
	A pinon, 10 ins. diam., bears S. 43° W., 20 lks. dist., marked S7 BT.
40.00	Ridge, 20 ft. above the sec. cor., bears N. and S.; descend gentle E. slope.
42.37	To point of triangulation, at top of abrupt descent over E. slope.
50.28	Top of high ledge and W. brink of Deer Canyon, 100 ft. below ridge, bears N. and S.; thence by triangulation giving approximate distances to topography.
53.00	Bottom of Deer Canyon, 400 ft. below W. brink, drains N.; canyon heads about 10 chs. to the S.; ascend abrupt E. breaks of canyon.
64.00	Top of E. brink of Deer Canyon, 400 ft. above bottom, bears N. and S.; descend gradually.

Subdivision of T. 23 S., R. 10 E.

Chains

- 67.00 Head of gulch, 50 ft. below E. brink of canyon, drains N. 30° W.; ascend abruptly.
- 69.11 To point of triangulation, on top of high ledge which forms the W. brink of fork of Eagle Canyon, 70 ft. above gulch, bears N. and S.; thence descend abruptly over broken W. breaks of canyon.
- 78.73 The cor. of secs. 5, 6, 7 and 8, 410 ft. below brink of canyon.
 Land, broken and mountainous with a general northwesterly exposure and drainage.
 Soil, shallow clay and sand, mixed with loose sandstone.
 Undergrowth, scattering shadscale and sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.

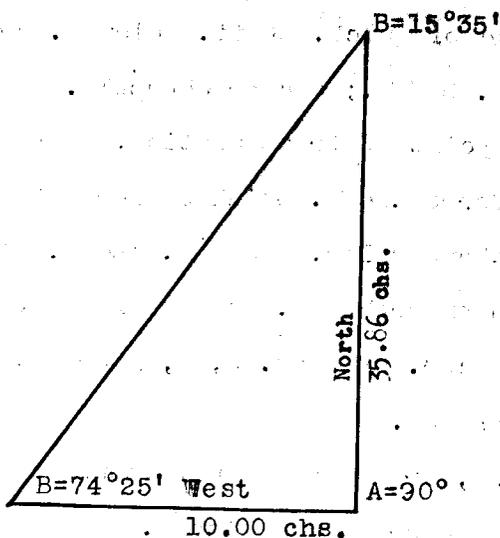
North, on random line bet. secs. 5 and 6.
 The line to the N. of the cor. of secs. 5, 6, 7 and 8, passes over high sandstone ledges on W. side of Eagle canyon and cannot be chained, I therefore offset as follows.

- West, 9.62 chs.; then, on offset line:
- North, 18.34 chs. thence
- East, 9.62 chs. to

- 18.34 Point on true line.
- 40.00 Set temp. sec. cor.
- 44.26 The breaks of Eagle Canyon, make chaining impracticable to the N. of this point, I therefore determine the distance to the N. bdy. of the township by triangulation as follows. Erect flag "A" at the 44.24 chs. point and flag "B" on line N., on the N. bdy. of the township. From flag "A", measure a base line, W., 10.00 chs. dist. and erect flag "C". No longer base line could be obtained. From flag "C", flag "B" subtends an angle of 74°25' from flag "A". All bearings checked by direct reading of the solar and and all angles checked by deflection.

Subdivision of T. 23 S., R. 10 E.

Chains



Distance on line= 44.26 chs.
 Distance by triangulation = 35.86 chs. ✓
 80.12 chs.

80.12 To point of triangulation on the N. bdy. of the township, 42 lks. E. of the cor. of secs. 5, 6, 31 and 32.

Thence,

S. 0°18' E., on true line, bet. secs. 5 and 6.

By triangulation over broken mountainous land through dense timber and scattering undergrowth, giving approximate topography.

2.00 Top of abrupt descent over N. wall of Eagle Canyon, bears N. 10° W. and E.

13.00 Bottom of Eagle Canyon, 350 ft. below cor., drains N. 70° W.; thence along bottom of canyon.

14.00 Junction of wash in canyon from the NE.

19.00 Leave bottom of canyon which drains N. at this point and ascend over sandstone ledges which form the W. breaks of canyon.

35.86 To point of triangulation at top of breaks of canyon, 550 ft. above bottom, bears NW. and SE.; thence over broken top of bench.

40.12 On broken top of bench.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

Boundaries of T. 23 S., R. 10 E.

Chains

- From which,
- A pinon, 8 ins. diam., bears N. 19°45' E., 97 lks. dist., marked $\frac{1}{4}$ S5 BT.
- A pinon, 10 ins. diam., bears S. 69°45' W., 184 lks. dist., marked $\frac{1}{4}$ S6 BT.
- 61.78 Top of abrupt descent over sandstone walls on W. side of Eagle canyon, bears N. 30° E. and S. 30° W. and to point of offset; thence by offsets as follows.
 West, 9.62 chs.; then, on offset line:
 S. 0°18' E., 18.34 chs. thence
 East, 9.62 chs. to
- 80.12 The cor. of secs. 5, 6, 7 and 8, 350 ft. below top of breaks.
 Land, broken and mountainous with a general northwesterly exposure and drainage.
 Soil, shallow sand and clay, mixed with loose sandstone.
 Undergrowth, scattering shadscale and sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.

BOUNDARIES OF T. 23 S., R. 10 E.

Lines designated	True bearings.	Dist-ances.	Latitudes		Departures		
			N.	S.	E.	W.	
		chs.	chs.	chs.	chs.	chs.	chs.
W. bdy. T23S R10E	South	480.00	.....	480.00	.....	.....	.....
S. bdy. T23S R10E	East	478.84	.....	.....	478.84	.....	.....
E. bdy. T23S R10E	North	480.00	480.00	.....	.....	.....	.....
N. bdy. T23S R10E	N.89°59'W	478.30	.19	.....	.....	.....	478.30
Convergency			.....	.....	.....	.....	.57
			<u>480.19</u>	<u>480.00</u>	<u>478.84</u>	<u>478.87</u>	<u>478.84</u>
			<u>480.00</u>				<u>478.84</u>
Errors in latitudes and departures			0.19				0.03

General description of T. 23 S., R. 10 E.

The land within the boundaries of this township is rough and mountainous. The western portion of the township is broken by deep box canyons and high sandstone ledges while the eastern portion consists of broken benches which are divided by wide open draws.

The soil in the draws is a rich, loose, light brown loam and that on the benches is a shallow sandy loam, lying on sandstone bedrock.

The township in most places is covered with a dense growth of pinon and scrub cedar timber and a scattering undergrowth of shadscale, service, black, buck, yellow and sage brush, and is used for a grazing range for stock.

Cliff Dweller Seep is the only water in the township. This seep is located in the NW. quarter of sec. 3. In several of the large draw, dams have been made to collect the rain water for the stock.

The only improvements on the township are these dams and Joe Swasey's cabin, located in the NW. quarter of sec. 3, near Cliff Dweller Seep.

No portion of the township is suitable for farming.

Many oil locations and prospects have been made in this township.

No indications of mineral were found.

The magnetic declination was not taken on account of a defective needle.

.....

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ ^{Cadastral Engineer.}

I, Howard W. Miller, ^{Cadastral Engineer} U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 24th day of February, 1922, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, surveyed all those parts or portions of South boundary

of T. 22 S., R. 9 E., and the boundaries and subdivision of T. 23 S.

R. 10 E.

of the Salt Lake Base

and Utah Meridian, in the State of Utah, which are represented in

and date diagram on dates shown on said diagram

the foregoing field notes/as having been executed by me, and under my direction;/and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the 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 of

such survey. Washington, D.C.

May 8, 1923

Howard W. Miller

^{U. S. Surveyor.}
Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

February 29, 1924, 1924

The foregoing field notes of the survey of the South Boundary of Township 22

South, Range 9 East and the Boundaries and Subdivisions of

Township 23 South, Range 10 East, of the Salt Lake Base and

Meridian, Utah

executed by Howard W. Miller, U.S. Cadastral Engineer

under his special instructions dated February 24, 1922, ¹⁹²¹ having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys

they describe, are hereby approved.

[Signature]

^{U. S. Surveyor General.}

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

Utah, has been correctly copied from the original notes on file in this office.

^{U. S. Surveyor General.}

Blank

Page

Blank

Page

BOOK A-464

4-573
"B"

Filed
Office U.S. Surveyor-
General
December 3, 1923

FIELD NOTES

OF THE SURVEY OF THE
NORTH, EAST and WEST BOUNDARIES

and of

THE SUBDIVISIONS

of

TOWNSHIP 22 SOUTH, RANGE 10 EAST.

Of the Salt Lake Base and Meridian,

In the State of

EXECUTED BY

HOWARD W. MILLER

In the capacity of U. S. ~~Sur.~~ ^{Civil Engt.}, under instructions dated February 24, 1922,
issued by the United States Surveyor General to govern surveys included in
Group No. 124, which were approved by the Commissioner of the General Land
Office, March 13, 1922 and Assignment Instructions dated May 22, 1922.

Survey commenced September 3, 1922

Survey completed September 30, 1922

T. 22 S., R. 10 E.

DATE DIAGRAM

OF

T. 22 S., R. 10 E.

					9/20/22		9/19/22
					9/20/22	3	9/20/22
					9/20/22	2	9/19/22
				9/30/22	9/30/22	9/21/22	9/19/22
			9/28/22	9	10	11	12
		9/28/22	9/29/22	9/28/22	9/30/22	9/16/22	9/15/22
		9/28/22	9/27/22	16	15	14	13
		9/28/22	9/27/22	9/13/22	9/11/22	9/16/22	9/15/22
		9/23/22	9/25/22	19	20	21	22
		9/23/22	9/25/22	9/18/22	9/13/22	9/11/22	23
		9/23/22	9/25/22	9/18/22	9/12/22	9/6/22	24
		9/22/22	9/25/22	29	28	27	26
		9/22/22	9/22/22	9/12/22	9/12/22	9/11/22	9/19/22
		9/22/22	9/18/22	31	32	33	34
		9/22/22	9/18/22	9/12/22	9/12/22	9/11/22	9/9/22
		9/22/22	9/18/22	33	34	35	36
		9/22/22	9/18/22	9/12/22	9/11/22	9/6/22	9/9/22

Survey commenced Sept. 3, 1922, and executed by Howard W. Miller, U. S. Cadastral Engineer, with a Buff and Buff transit No. 8964. The instrument is equipped with a Smith solar attachment and full vertical circle; the horizontal limb being 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 full vertical circle.

The instrument was approved for use on this survey, conditional upon satisfactory field tests, by the

194A

BOOK A-464

4-679 b

INDEX DIAGRAM.

Township 22 S, Range 10 E
217 215 213

			249		251		235	1	212			
			288		267		250		234			
	7		287		265	10	248	11	233	12	211	
	311		310		285		263		247		231	
203	18	309	17	282	16	262	15	245	14	228	13	209
	307		304		280		261		243		226	
201	20	302	20	278	21	258	22	242	23	224	24	208
	300		298		276		256		240		223	
199	22	295	22	274	23	255	24	239	25	222	26	206
	294		293		272		254		238		221	
198	21	291	21	270	25	253	26	237	27	219	28	205

Tests of Instrument in T. 22 S., R. 10 E.

Assistant Supervisor of Surveys for District No. 6, in Assignment Instructions dated May 22, 1922.

Sept. 3, 1922, at camp, in NW. 1/4 of sec. 9, T. 23 S., R. 10 E., in approximate latitude 38°50' N., approximate longitude 110°51' W., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by an hour angle observation on Polaris Aug. 2, 1922, heretofore described in the finished field notes of T. 23 S., R. 10 E.

At 9h 0m a. m., apparent time, I set off 38°50' N., on the lat. arc; 7°42' N., on the decl. arc; and determine a meridian with the solar which I find to agree within 30" of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 7°39' N., which agrees with the computed declination of the sun.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off 7°36.5' N., on the decl. arc; and determine a meridian with the solar which falls less than one minute E. of the true meridian.

All of the tests made during the hours suitable for solar work come within one minute of the meridian established from the Polaris observation; therefore I conclude that the instrument has been in adjustment during the progress of the survey of T. 23 S., R. 10 E.

Final test of instrument on the same meridian established Aug. 2, 1922, in NW. 1/4 of sec. 9, T. 23 S., R. 10 E.:

Oct. 3, 1922, at 9h 0m a. m., apparent time, I set off 38°50' N., on the lat. arc; 3°48' S., on the decl. arc; and determine a meridian with the solar which falls about 30" W. of the true meridian.

At apparent noon, I set off 3°52' S., on the decl. arc,

West Boundary of T.22 S., R.10 E.

Chains

and observe the sun on the meridian; the resulting reading of the latitude arc is $38^{\circ}50'$.

At 3h. p.m. apparent time, I set off $38^{\circ}50'$ on the lat. arc, $3^{\circ}54'S.$, on the decl. arc; and determine a mer. with the solar which I find to practically coincide with the meridian as established by observations on Polaris.

As all of the solar observations made during the usual hours of solar work practically coincide with the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Observations for latitude and declination were taken whenever practicable, and from frequent tests of the solar attachment, the instrument was known to be in good adjustment throughout the survey of this Tp.

All measurements were made with a Lallie steel tape, 8 chs. in length, compared with a Lufkin standard steel tape one chain long, kept and used for that purpose only. The measurements were made on the slope, the vertical angles determined by use of the clinometer, and the slope measurements properly reduced to true horizontal distances.

METHOD OF PROCEDURE

The S. bdy. is established as the N. bdy. of T.23 S., R. 10E. A complete record of survey of this bdy. is recorded in the field notes of the survey of T.23 S., R.10 E.

The W. bdy. is surveyed North from the cor. of Tps. 22 and 23 S., Rs. 9 and 10 E., on a true line for a distance of 4 miles where it is terminated on account of inaccessible country. Quarter-section and sections cors. are established at intervals of 40.00 chs. from the S.

The E. bdy. is surveyed North from the cor. of Tps. 22 and 23 S., Rs. 10 and 11 E.; on a true line a distance of 480.00 chs. Quarter-section and section cors. are established at intervals of 40.00 chs. from the S.

The N. bdy. is projected W. from the cor. of Tps 19 and 20 S., Rs. 10 and 11 E. a distance of 3 miles where it is terminated on account of inaccessible country. Quarter-section and section corners are established at intervals of 40.00 chs. from the E.

The tp. is subdivided regular from S. to N. and from E. to W. The lines bet. secs. 4 and 5, 5 and 6, 5 and 8 and bet. secs. 7 and 8 are eliminated from the survey

West Boundary of T. 22 S., R. 10 E.

on account of inaccessible country.

WEST BOUNDARY OF T. 22 S., R. 10 E.

From the cor. of Tps. 22 and 23 S., Ps. 9 and 10 E. which is an iron post, 3 ins. in dia., firmly set in a mound of stone and marked and witnessed as described in the field notes of the survey of T. 23 S., R. 10 E.

North, bet. secs. 31 and 36.

Gradually descend over broken bench land sloping N., through dense timber and scattering undergrowth.

22.10 Edge of bench and brink of Eagle Canyon, 135 ft. below tp. cor., bears E. and W.; descend precipitous N. slope over ledges and boulders.

31.20 Wash, 100 lks. wide, 3 ft. deep, in bottom of Eagle Canyon, 180 ft. below brink, drains W.; gradually ascend in canyon.

31.70 Leave canyon, bears E. and W.; ascend.

32.60 Point of spur at base of ledge in Eagle Canyon, 36 ft. above wash, projects SW.; descend.

32.40 Branch canyon, 35 ft. below spur, drains S. 20° W.; ascend.

41.20 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and in a mound of stone for 1 sec. cor., with brass cap marked



from which

A pinon, 6 ins. diam., bears S. 7° 15' E., 73 lks dist., marked $\frac{1}{2}$ S 31 S T

A pinon, 8 ins. diam., bears S. 41° W., 92 lks. dist., marked $\frac{1}{2}$ S 36 S T

Cor. stands near bottom of canyon on rugged SE. slope; continue steep ascent of talus slope.

41.30 Ledge, 200 ft. high, bears NE. and SW.

44.70 Top of ledges and N. brink of Eagle Canyon, 275 ft. above 1 sec. cor., bears NE. and SW.; thence over broken

West Boundary of T. 22 S., R. 10 E.

Chains
60.00

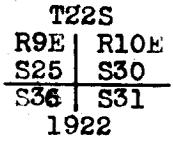
Top of ascent on bench, 20 ft. above brink, bears NE. and SW.; gradually descend 20 ft. to

71.00

Shallow draw, drains SW.; ascend 25 ft. to

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked



from which

A pinon, 10 ins. diam., bears N. 48° E., 83 lks. dist., marked T 22 S R 10 E S 30 B T

A pinon, 8 ins. diam., bears S. 45½° E., 214 lks. dist., marked T 22 S R 10 E S 31 B T

A pinon, 10 ins. diam., bears S. 76° 30' W., 69 lks. dist., marked T 22 S R 9 E S 36 B T

A pinon, 12 ins. diam., bears N. 22° 30' W., 98 lks. dist., marked T 22 S R 9 E S 25 B T

Land, rough, broken benches and canyons; general drainage W.; sandstone formation.

Soil, rocky and shallow sand and clay.

Timber, scrub pinon and cedar.

Undergrowth, bitter brush and sagebrush.

North, bet. secs. 25 and 30.

Over broken bench land through dense timber and scattering undergrowth. Gradually ascend.

7.90

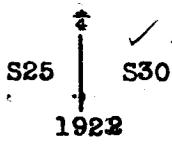
Low ridge, 45 ft. above sec. cor., bears NW. and SE.; descend over E. and NE. slopes.

22.30

Head of draw, 150 ft. below ridge, drains NE.; thence along E. slope at base of high ledges just W. of line.

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with brass cap marked



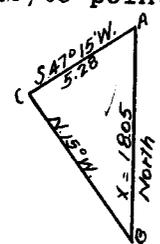
from which

A pinon, 6 ins. diam., bears S. 14½° E., 128 lks. dist., marked ¼ S 30 B T

West Boundary of T.22 S., R.10 E.

Chains No other suitable bearing trees available.
 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Cor. stands at base of E. side of high, lone sandstone ledge.

41.30 Spur, 40 ft. above 1/4 sec. cor., projects NE.; descend.
 55.70 Draw, 175 ft. below spur, drains NE.; ascend.
 60.70 Low spur, projects NE.; gradually descend 95 ft. to
 69.67 Top of high ledge and brink of box canyon, bears NW. and SE. In order to determine distance to N. side of canyon I proceed as follows:
 Set flag "A" on line on N. side of canyon and erect flag "B" at this point; then measure base line "AC", S.47° 15' W., 5.28 chs. (longer base impossible) to point where the line "BC" bears N.15° W.
 All bearings taken by direct reading of the solar and angles checked by deflection



Distance on true line	69.67 chs.
Distance by triangulation	18.05 chs.
Total distance on true line	<u>87.72 chs.</u>

Thence by return measurement, 1.60 chs. to
 86.12 N. brink of box canyon and top of high sandstone ledges, bears N.20° E. and SW. Further return measurement impossible on account of ledges and breaks of canyon. Witness cor. to cor. of secs. 19, 24, 25 and 30 established at this point, for description of cor. see line bet. secs. 19 and 24.
 The approximate topography bet. the 69.67 chs. point and point for cor. of secs. 19, 24, 25 and 30 is:
 Descend precipitous E. and N. slopes over high ledges.
 76.50 Bottom of canyon, 275 ft. below brink, course at bend from the SE. to NE.; a ravine from the SW. and wash from same entering the main canyon falls over ledge about 5 chs. W. of line. Ascend abruptly ledges and wall of canyon.
 80.00 Point for cor. of secs. 19, 24, 25 and 30 on ledge wall of canyon. No cor. set.
 Land, rough, broken bench land; drainage S. on S. 7.90

West Boundary of T.22 S., R.10 E.

Chains

chs. and N. on remainder of mile.

Soil, shallow sand and soft sandstone rock.

Timber, scrub cedar and pinon.

Undergrowth, shadscale and sagebrush.

North, bet. secs. 19 and 24, from true cor. point.

Over rough breaks of box canyon. Ascend.

6.12 Top of ledges and brink of canyon, bears N.20°E. and SW.,

150 ft. above point for sec. cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and in a mound of stone for witness cor. to the cor. of secs. 19, 24, 25 and 30, with brass cap marked

T22S ✓	
R9E	R10E
S24	S19
S25	S30
WC	
1922	

from which

A pinon, 8 ins. diam., bears N.56°E., 60 lks. dist., marked W C T 22 S R 10 E S 19 B T

A pinon, 9 ins. diam., bears N.16°W., 98 lks. dist., marked W C T 22 S R 9 E S 24 B T

No other bearing trees available.

Thence across point of bench projecting E. to canyon.

8.83 Brink of bench and edge of box canyon, bears NW. and SE.

The line N. crosses a bend in ledge wall of canyon which bears NW. about 8 chs. then N.30°E. To determine distance across canyon, I triangulate as follows:

Set point on line on N. side of canyon and erect a flag at this point. Then from the N. point measure a base line S.72°50'W., 4.99 chs. (impossible to secure longer base and see flags). From W. end of base the S. flag bears S.18°30'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on true line	8.83 chs.
Distance by triangulation	15.72 "
Total distance	24.55 ✓ "

West Boundary T.22 S., R.10 E.

Chains 24.55	N. point of triangulation. The approximate topography from the 8.85 chs. point is: Descend abruptly ledge wall of canyon.
16.40	Base of descent in W. side of bottom of canyon, 330 ft. below rim; ascend abruptly over ledges.
24.55	To point of triangulation on top of ledges and N. brink of canyon, 325 ft. above base, bears E. and W.; thence over broken bench land through dense timber.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	<p style="text-align: center;">S24 | S19 1922</p>
	from which
	A pinon, 6 ins.diam., bears N.59°E., 132 lks. dist., marked $\frac{1}{4}$ S 19 B T.
	A pinon, 8 ins.diam., bears S.62°W., 5 lks. dist., marked $\frac{1}{4}$ S 24 B T
47.80	Top of ascent, 10 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; gradually descend 60 ft. to
68.60	Top of high sandstone ledges and S. brink of Coal Wash, bears E. and W.; leave dense timber and begin steep descent over ledges and boulders.
74.00	Wash, 2.00 chs. wide, 4 ft. deep, in canyon 400 ft. deep, drains W.; ascend precipitous S. slope of canyon over ledges and boulders.
80.00	Point for cor. of secs. 13, 18, 19 and 24 falls on ledge 230 ft. above canyon. Cor. point cannot be reached. Witness cor. established 7.51 chs. N., for description of same seeline bet. secs. 13 and 18.
	Land, rolling benches cut by box canyons; general N. exposure and drainage.
	Soil shallow sand and sandstone rock.
	Timber, scrub cedar and pinon.
	Undergrowth, shadscale and sagebrush. Poor grazing.

West Boundary of T.22 S., R.10 E.

Chains

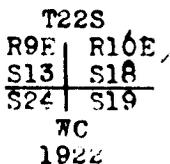
North, bet. secs. 13 and 18, from true cor. point of secs. 13, 18, 19 and 24.

Ascend abruptly over ledges on N. wall of Coal Wash.

6.00 Top of ledges and N. rim of Coal Wash, 75 ft. above point for sec. cor., bears E. and W.; thence over broken bench land.

6.20 Enter medium growth, cedar and pinon timber, bears E. and W.

7.51 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and in a mound of stone for witness cor. to the cor. of secs. 13, 18, 19 and 24, with brass cap marked



from which

A pinon, 12 ins. diam., bears N. 28° E., 19 lks. dist., marked W C T 22 S R 10 E S 18 B T

No other suitable bearing trees available.

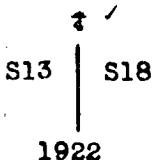
Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

13.00 Top of ascent, 25 ft. above witness cor., bears NE. and SW.; gradually descend 10 ft. to

19.70 Shallow draw, drains SW.; gradually ascend.

31.20 Ridge, 25 ft. above draw, bears NE. and SW.; gradually descend 30 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for 1/2 sec. cor., with brass cap marked



from which

A pinon, 12 ins. diam., bears N. 80° E., 97 lks. dist., marked 1/2 S 18 B T

West Boundary of T.22 S., R.10 E.

Chains

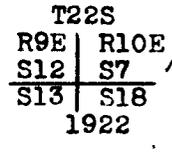
A pinon, 10 ins.diam., bears N.14 $\frac{1}{2}$ °W., 62 lks.
dist., marked $\frac{1}{2}$ S 13 B T

49.50 Draw, 25 ft. below $\frac{1}{2}$ sec. cor., drains SW.; gradually ascend.

60.00 Ridge, 35 ft. above draw, bears E. and W.; descend over N. slope.

68.60 Draw; 90 ft. below ridge, drains NW.; thence along rocky W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 7, 12, 13 and 18, with brass cap marked



from which

A pinon, 10 ins.diam., bears N.35 $\frac{1}{2}$ °E., 65 lks.
dist., marked T 22 S R 10 E S 7 B T

A pinon, 12 ins.diam., bears S.68 $\frac{1}{2}$ °E., 119 lks.
dist., marked T 22 S R 10 E S 18 B T

A pinon, 8 ins.diam., bears S.73 $\frac{1}{2}$ °W., 57 lks.
dist., marked T 22 S R 9 E S 13 B T

A pinon, 12 ins.diam., bears N.23 $\frac{1}{2}$ °W., 68 lks.
dist., marked T 22 S R 9 E S 12 B T

Land, rough, broken sandstone bench land cut by box canyons and gulches; general W. exposure and drainage.

Soil, shallow sand and soft sandstone rock.

Timber, scrub cedar and pinon.

Undergrowth, bitter brush, black sagebrush and grass.

Fair grazing on portions of mile.

East Boundary of T.22 S., R.10 E.

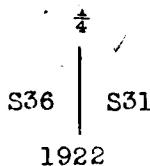
Chains

From the cor. of Tps. 22 and 23 S., Rs. 10 and 11 E., which is an iron post, 3 ins. diam., extending 9 ins. above ground, firmly set and marked and witnessed as described in the field notes of the survey of T.23 S., R.10 E.

North, bet. secs. 31 and 36.

Descend over broken mountainous land through dense timber and scattering undergrowth.

- 1.50 Wash, 20 lks. wide, 2 ft. deep, in draw, 10 ft. below tp., cor., drains SW.; ascend.
- 7.10 Rocky ledge spur, 75 ft. above draw, projects W. about 3 chs. distant.; descend abruptly 60 ft.
- 10.10 Draw, drains SW.; ascend abruptly 90 ft. over sandstone boulders and outcroppings.
- 14.50 Top of rim of draw and leave boulders and outcroppings, bears NW. and SE.; ascend 135 ft. along top of bench.
- 21.00 Leave bench, bears NE. and SW.; descend NW. slope.
- 25.60 Draw, 70 ft. below bench, drains SW.; ascend 85 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 12 ins. diam., bears S.87°E., 103 lks. dist., marked $\frac{1}{4}$ S 31 B T

A pinon, 6 ins. diam., bears S.46°W., 48 lks. dist., marked $\frac{1}{4}$ S 36 B T

Cor. stands on rolling spur, projects SW.; gradually descend.

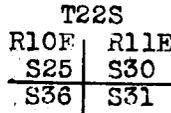
- 53.90 Draw, 70 ft. below $\frac{1}{4}$ sec. cor., drains SW.; ascend.
- 63.00 Spur, 55 ft. above draw, projects SW.; thence along broken W. slope.
- 73.25 Ridge, bears N.25°W. and S.25°E.; gradually descend NE. slope 50 ft. to

East Boundary of T.22 S., R.10 E.

Chains

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 25,30,31 and 36, with brass cap marked



1922

from which

A pinon, 10 ins. diam., bears N. $21\frac{1}{4}^{\circ}$ E., 80 lks. dist., marked T 22 S R 11 E S 30 B T

A pinon, 10 ins. diam., bears S. $75\frac{1}{2}^{\circ}$ E., 38 lks. dist., marked T 22 S R 11 E S 31 B T

A pinon, 12 ins. diam., bears S. $17\frac{1}{2}^{\circ}$ W., 77 lks. dist., marked T 22 S R 10 E S 36 B T

A pinon, 10 ins. diam., bears N. $79\frac{1}{2}^{\circ}$ W., 75 lks. dist., marked T 22 S R 10 E S 25 B T

Land, rough broken mountains broken by ledges and outcroppings; sandstone formation; drainage S. and E. Soil, shallow, brown sandy loam and clay mixed with rock.

Timber, cedar and pinon.

Undergrowth, sagebrush.

Scattering growth of bunch grass good for grazing purposes.

North, bet. secs. 25 and 30.

Ascend over broken mountainous land through dense timber and scattering undergrowth.

12:10 Draw, about level with sec. cor., drains S. 70° E.; ascend.

13.60 Spur, projects E.; descend over N. slope.

21.80 Top of ledge and S. brink of Reid Nielson Draw, bears NE. and NW.; a wash drains NW. and falls over ledge at this point. Descend abruptly.

27.90 Leave timber and enter bottom of draw, bears E. and NW.

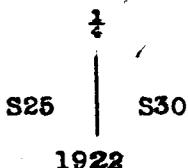
29.70 Wash, 10 lks. wide, 3 ft. deep; drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in

East Boundary of T.22 S., R.10 E.

Chains

the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

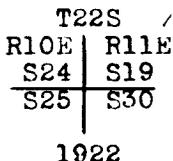
A pinon, 10 ins.diam., bears N.82 $\frac{1}{2}$ °W., 437 lks.
 dist., marked $\frac{1}{4}$ S 25 B T

No other bearing trees available.

Deposit a sandstone, 12 x 4 x 3 ins., marked (X) on one face at base of post.

Continue across bottom of Reid Nielson Draw.

- 52.20 Wash, 25 lks. wide, 3 ft. deep, drains SE.; ascend.
- 56.00 Leave draw and enter medium growth of timber, bears N.60°W. and S.60°E.; ascend abruptly S. slope.
- 62.90 Top of ledge and N. rim of Reid Nielson Draw, 200 ft. above wash, bears NE. and SW.; gradually ascend.
- 64.00 Spur, projects SW.; descend abruptly 35 ft. to
- 65.90 Ledge, 25 ft. high, bears NE. and SW.; begin steep descent into draw over ledges and sandstone outcroppings.
- 74.30 Wash, 10 lks. wide, 3 ft. deep, in draw, 100 ft. below spur, drains SW.; ascend.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 19, 24, 25 and 30, with brass cap marked



from which

- A pinon, 8 ins.diam., bears N.84 $\frac{3}{4}$ °E., 108 lks.
 dist., marked T 22 S R 11 E S 19 B T
- A pinon, 14 ins.diam., bears S.79 $\frac{1}{4}$ °E., 71 lks.
 dist., marked T 22 S R 11 E S 30 B T
- A cedar, 10 ins.diam., bears S.42 $\frac{1}{2}$ °W., 111 lks.
 dist., marked T 22 S R 10 E S 25 B T
- A pinon, 10 ins.diam., bears N.87 $\frac{1}{2}$ °W., 47 lks.

East Boundary of T.22 S., R.10 E.

Chains

dist., marked T.22 S R 10 E S 24 B T

Cor. stands among huge boulders on S. slope of draw.

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

Soil, shallow clay and sand mixed with rock; sandstone formation.

Timber, cedar and pinon.

Undergrowth, sagebrush and shadscale.

Fair grazing land.

North, bet. secs. 19 and 24.

Over rough mountainous bench land through dense timber and scattering undergrowth. Ascend abruptly S. slope over sandstone ledges.

1.80 Sandstone spur, 55 ft. above sec. cor., projects SW.; gradually descend N. slope 15 ft. to

9.85 Draw, drains SW.; ascend S. slope.

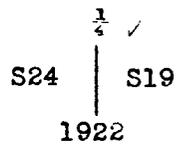
27.00 Spur, 125 ft. above draw, projects SW.; descend.

28.30 S. rim of draw, bears E. and W.; descend abruptly.

31.00 Bottom of draw, 70 ft. below top, drains W. about 10 chs., then S.; ascend abruptly.

34.80 N. rim of draw, bears E. and W.; gradually ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for 1/4 sec. cor., with brass cap marked



from which

A pinon, 18 ins. diam., bears N. 14 1/2° E., 46 lbs. dist., marked 1/4 S 19 B T

A pinon, 10 ins. diam., bears N. 30 1/2° W., 59 lbs. dist., marked 1/4 S 24 B T

Cor. stands on bench, 50 ft. above draw.

56.40 N. rim of bench and top of ledge 30 ft. high, bears E., W. about 8 chs., then NW.; begin precipitous descent of 510 ft. over rugged N. slope of mountain.

East Boundary of T. 22 S., R. 10 E.

Chains.

- 74.60 Draw, course NE.; asc. 20 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in the ground, for cor. of secs. 13, 18, 19 and 24,
 with brass cap mkd:

T22S	
R10E	R11E
S13	S18
S24	S19
1922	

from which,

A pinon pine, 10 ins. diam., bears N.2°15'E., 222
 lks. dist., marked B T.; tree too scrubby for
 full marking.

A pinon pine, 8 ins. diam., bears S.16°15'E., 208
 lks. dist., marked T 22 S R 11 E S 19 B T.

A pinon pine, 6 ins. diam., bears S.36°15'W., 135
 lks. dist., marked B T; tree too scrubby for
 full marking.

A pinon pine, 12 ins. diam., bears N.14°45'W., 217
 lks. dist., marked T 22 S R 10 E S 13 B T.

Land, benches, and rough broken mountains; boulders, out-
 croppings, and broken and perpendicular ledges of sand-
 stone formation; drainage SW., S. $\frac{1}{2}$ mile; N. $\frac{1}{2}$ mile
 drains NE.

Soil, shallow sand and clay mixed with loose sandstone.

Timber, cedar and pinon pine.

Undergrowth, yellow brush and bitter brush.

Scattering growth of grass.

North bet. secs. 13 and 18.

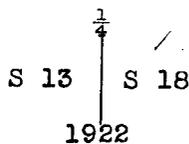
Over rough broken mountainous land, through heavy timber
 and scattering undergrowth; asc. SE. slope 40 ft.

- 2.60 Spur, projects NE.; desc. 100 ft.
 25.90 Draw, course NE.; asc. 15 ft.
 28.00 Top of ascent on E. slope; desc. 25 ft.
 31.80 Draw, course NW.; asc. 10 ft.
 33.00 Top of ascent on W. slope; desc. 10 ft.

East Boundary of T. 22 S., R. 10 E.

Chains.

- 34.30 Draw, course NE.; asc. 15 ft. to
 40.00 On top of spur, projecting NE., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd:

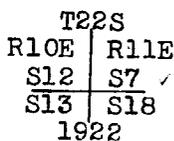


from which,

A pinon pine, 10 ins. diam., bears N.46°45'E., 103 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A pinon pine, 8 ins. diam., bears N.32°30'W., 59 lks. dist., marked $\frac{1}{4}$ S 13 B T.

- 43.00 Draw, 25 ft. below $\frac{1}{4}$ sec. cor., course NE.; asc. 10 ft.
 46.00 Spur, projects NE.; desc. 30 ft.
 56.50 Draw, course NE.; asc. 15 ft.
 62.50 Spur, projects NE.; desc. 20 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd:



from which,

A pinon pine, 10 ins. diam., bears N.8°15'E., 156 lks. dist., marked T 22 S R 11 E S 7 B T.

A pinon pine, 6 ins. diam., bears S.16°45'E., 442 lks. dist., marked B T; tree too scrubby for full marking.

A cedar, 8 ins. diam., bears S.16°15'W., 247 lks. dist., marked T 22 S R 10 E S 13 B T.

A pinon pine, 8 ins. diam., bears N.28°45'W., 83 lks. dist., marked T 22 S R 10 E S 12 B T.

Land, rough and broken mountains, draining NE.; outcroppings of sandstone formation.

Soil, shallow clay and sand mixed with loose sandstone.

Timber, cedar and pinon pine.

East Boundary of T. 22 S., R. 10 E.

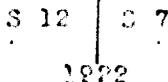
Chains

Undergrowth, deer brush, service berry bushes and bitter brush.
 Scattering growth of grass.

North bet. secs. 7 and 12.

Over rolling bench land, through heavy timber and scattering undergrowth; desc. NW. slope 20 ft.

- 9.20 Draw, course NE.; asc. 10 ft.
- 13.40 Spur, projects NE.; desc. 10 ft.
- 17.00 Draw, course NE.; asc. 10 ft.
- 20.60 Spur, projects NE.; desc. 15 ft.
- 26.90 Draw, course NE.; asc. 15 ft.
- 33.30 Spur, projects NE.; desc. 10 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap mkd:

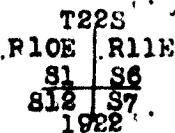


from which,

A pinon pine, 14 ins. diam., bears S.86°45'E., 59 lks. dist., marked $\frac{1}{2}$ S 7 B T.

A pinon pine, 10 ins. diam., bears S.8°45'W., 124 lks. dist., marked $\frac{1}{2}$ S 12 B T.

- 45.00 Draw, 10 ft. below $\frac{1}{2}$ sec. cor., course NE.; asc. 10 ft.
- 50.20 Timber becomes more scattering, bearing NE. and SW., on top of spur, projecting NE.; desc. 10 ft.
- 63.70 Draw, course E.; asc. 30 ft.
- 67.80 Spur, projects E.; desc. 10 ft.
- 75.80 Draw, course SE. approximately 10.00 ens. dist., thence NE.; asc. 30 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd:



East Boundary of T. 22 S., R. 10 E.

Chains.

from which,

A pinon pine, 8 ins. diam., bears S.54°15'W., 152 lks. dist., marked T 22 S R 10 E S 12 B T.

A pinon pine, 8 ins. diam., bears N.73°30'W., 208 lks. dist., marked T 22 S R 10 E S 1 B T.

As there are no trees available suitable for marking, in secs. 6 and 7, I deposit a sandstone 4X4X1 ins., marked with a cross (X), in the hole beside the post.

Land, broken and rolling bench, draining generally to the NE.; outcroppings of sandstone formation.

Soil, clay and sand mixed with loose sandstone.

Timber, scattering to a heavy growth of cedar and pinon pine.

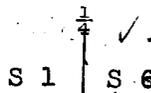
Undergrowth, deer brush, service berry bushes and bitter brush.

Scattering growth of grass.

North bet. secs. 1 and 6.

Over rolling bench land, through heavy timber and scattering undergrowth; asc. SW. slope 25 ft.

- 1.10 Ridge, bears N.70°W. and S.70°E.; desc. 80 ft.
- 4.80 Leave heavy timber and enter scattering, bears E. and W.
- 13.40 Base of descent, bears NW. and SE.; over nearly level land.
- 25.60 Dry wash, 20 lks. wide, 4 ft. deep, course NE.
- 29.10 Leave timber, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd:



from which,

A pinon pine, 6 ins. diam., bears S.74°45'E., 419 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A cedar, 8 ins. diam., bears N.60°30'W., 528 lks. dist., marked $\frac{1}{4}$ S 1 B T.

North Boundary of T.22 S., R.10 E.

Chains

- 51.30 Wash, 15 lks. wide, 2 ft. deep, drains NE.
- 53.30 Leave level land and enter rolling hills and scattering timber, bears NE. and SW.; gradually ascend.
- 55.80 Low spur, projects NE.; gradually descend.
- 57.60 Leave hills and timber, bears NE. and SW., thence over nearly level land.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 27 ins. in the ground for cor. of Tps. 21 and 22 S., Rs. 10 and 11 E., with brass cap marked

	T21S	
R10E	R11E	
S36	S31	
S1	S6	
	T22S	
	1922	

from which

A cedar, 8 ins.diam., bears S.67 $\frac{1}{2}$ °W., 400 lks.
dist., marked T 22 S R 10 E S 1 B T

A pinon, 8 ins.diam., bears N.53 $\frac{3}{4}$ °W., 530 lks.
dist., marked T 21 S R 10 E S 36 B T

No other trees available.

Deposit a sandstone, 18 x 6 x 2 ins., marked (X) on one face at base of post.

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

Soil, shallow sandy loam and rocky; sandstone formation.

Timber, scrub cedar and pinon.

Undergrowth, shadscale, sagebrush and yellow top.

Fair grazing land.

NORTH BOUNDARY OF T.22 S., R.10 E.

From the cor. of Tps. 21 and 22 S., Rs. 10 and 11 E.

West, bet. secs. 1 and 36

Gradually ascend over rolling bench land through scattering timber and undergrowth.

North Boundary of T.22 S., R.10 E.

Chains

3.50 Enter dense timber, bears N. and S.; land becomes more broken.

13.60 Low ridge, 35 ft. above Tp. cor., bears NE. and SW.; gradually descend.

18.70 W. brink of ridge, bears NE. and SW.; begin steeper descent over W. slope.

37.90 Point for $\frac{1}{4}$ sec. cor. will fall in wash where cor. would be washed away, therefore, perpetuate cor. at this point as follows:
 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

	S 36 ✓
WC $\frac{1}{4}$	S 1
	1922

from which

A cedar, 10 ins. diam., bears N. 51 $\frac{3}{4}$ ° E., 126 lks.
 dist., marked W C $\frac{1}{4}$ S 36 B T

A pinon, 8 ins. diam., bears S. 10° W., 154 lks.
 dist., marked W C $\frac{1}{4}$ S 1 B T

40.00 Point for $\frac{1}{4}$ sec. cor. in wash in Mexican Canyon, 40 lks. wide, 5 ft. deep, drains NE. No cor. set. Gradually ascend broken bench land sloping E.

77.00 Foot of talus slope of mountain, bears N. and SW.; ascend abruptly over sandstone boulders and ledges.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T21S	R10E
S35	S36 ✓
S2	S1
T22S	
1922	

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Cor. stands on precipitous SE. talus slope of mountain 340 ft. above Mexican Wash.

Land, rolling and broken bench land and rough mountains; general N. exposure and drainage.

North Boundary of T.22 S., R.10 E.

Chains

Soft, shallow sandy loam and rocky of sandstone formation.
 Timber, scrub cedar and pinon.
 Undergrowth, scattering schadscale and sagebrush.
 Fair grazing land on eastern portion of mile.

West, bet. secs. 2 and 35

The line west from the cor. of secs. 1,2,35 and 36 is inaccessible and strikes the S. end of a high sandstone wall; to pass ledge wall, I offset as follows:

S.0°06'E., 20.00 chs., then on offset line,

West, counting distances from sec. cor. and noting topography on offset line.

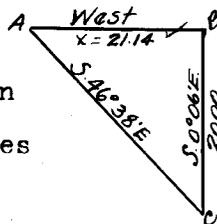
The line to the west passes over a high ledge rim, up

which I cannot chain, I therefore Triangulate as follows:

Set flag A on offset line to the W. and designate

this point "B". Then measure base line "BC", S.0°06'E., 20.00 chs. distant. The line

"AC" bears S.46°38'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation on offset line = 21.14 chs.

21.14 To point "A" of triangulation on top of ledge and rim of bench, 360 ft. above point "B" of triangulation.

Thence over rough, broken bench land through dense timber and scattering undergrowth.

30.10 Gully drains S.

40.03½ Westing of 40.00 chs. from cor. of secs. 1,2,35 and 36.

The true point for ½ sec. cor. is 20.00 chs. N. but cor. point cannot be reached on account of inaccessible ledges. It is also impossible to set a witness cor. to the ½ sec. cor. within 10 chs. off true point on the sec. line or within 5 chs. off of line. Therefore, subsequent to the survey of the lines bet. secs. 1 and 2 and 2 and 3, T.22 S., R.10 E. and at a point 5 lks. E. and 3 lks. N. or at

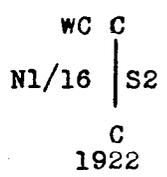
39.985 30.16/16.sec. line, point,

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in

North Boundary of T.22 S., R.10 E.

Chains

the ground and in a large mound of stone for center north 1/16 sec. cor. sec. 2 and witness cor. to the 1/4 sec. cor. of secs. 2 and 35, with brass cap marked



from which

A pinon, 8 ins.diam., bears N.66°E., 109 lks. dist., marked C N 1/16 S. 2 B T

A pinon, 8 ins.diam., bears S.21 1/2°E., 116 lks. dist., marked C N 1/16 S 2 B T

Note: This cor. was made to refer to the witness cor. to the 1/4 sec. cor. of secs. 2 and 35 for the reason that it is desired to include parcels of land in lots 1,2,3 and 4, sec. 2 in this survey and which would be eliminated if the quarter-section cor. was not established.

Continue west on offset line from the 40.03 1/2 chs.point, counting distances from E. end of offset line.

44.35 Point of high ledge wall, bears N. about 2 chs. distant.

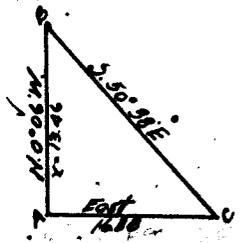
59.20 Top of ridge and divide bet. Saddle Horse and Mexican Wash, bears NE. and SW.; descend over broken W. slope 200 ft. to

80.00 I now offset, N.0°06'W., 20.00 chs. to true line and N. bdy. of T.22 S., R.10 E. as follows:

The line N. crosses a box canyon across which I cannot chain, I therefore triangulate as follows:

Designate the 80.00 chs. point "A" and set flag "B" on N. side of canyon. The line "AB" bears N.0°06'W. Measure base line "AC", East, 16.38 chs. distant. The line "BC" bears S.50°38'E.

All bearings taken by direct reading of the solar and angles are checked by deflection.



Distance by triangulation 13.46 chs.

North Boundary of T.22 S., R.10 E.

Thence by direct measurement, N.0°06'W., 6.54 chs. from flag "A" to true N. bdy. of T.22 S., R.10 E. at

80.00

Westing from the cor. of secs. 1,2,35 and 36.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 2,3,34 and 35, with brass cap marked

T21S	R10E
S34	S35
S3	S2
T22S	
1922	

from which

A pinon, 16 ins.diam., bears N.42°E., 193 lks.

dist., marked T 21 S R 10 E S 35 B T

A pinon, 8 ins.diam., bears S.17°E., 41 lks.

dist., marked T 22 S R 10 E S 2 B T

A pinon, 8 ins.diam., bears S.61°W., 109 lks.

dist., marked T 22 S R 10 E S 3 B T

A pinon, 8 ins.diam., bears N.23°W., 88 lks.

dist., marked T 21 S R 10 E S 34 B T

This cor. stands on a broad, flat spur, projects S.80°W.

Land, rough and broken mountains and benches; outcroppings

boulders, broken by perpendicular ledges and walls of

red sandstone. Drainage E. into Mexican Wash on E.

59.20 chs. and NW. into Saddle Horse on remainder of

mile.

Soil, shallow clay and sandstone rock.

Timber, scrub cedar and pinon,

Undergrowth, sagebrush and shadscale.

West, bet. secs. 3 and 34.

Descend over rough, broken bench land sloping W., through dense timber and scattering undergrowth.

27.20

Top of sandstone ledge and E. rim of Saddle Horse Canyon, 120 ft. below sec. cor., bears NW. and SE.; descend abruptly into canyon.

32.10

Saddle Horse Canyon, 125 ft. below brink, drains NW.;

North Boundary of T. 22 S., R. 10 E.

Chains	
	ascend abruptly over ledges.
37.90	Top of sandstone ledge and point of bench projecting N. into Saddle Horse Canyon, 60 ft. above bottom of canyon, bears S. and N.; descend rough and rocky NW. slope 40 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 34 \\ \hline S\ 3 \end{array}$
	1922
	from which
	A pinon, 8 ins. diam., bears N. 77° E., 69 lks. dist., marked $\frac{1}{4}$ S 34 B T
	A pinon, 10 ins. diam., bears S. 88° W., 43 lks. dist., marked $\frac{1}{4}$ S 3 B T
	Continue descent over NW. slope.
44.80	Base of descent in S. side of bottom of Saddle Horse Canyon, 50 ft. below $\frac{1}{4}$ sec. cor.; ascend abruptly over ledges.
49.00	Top of ledge and W. rim of Saddle Horse Canyon, 60 ft. of bottom, bears NW. and SE.; gradually ascend.
54.30	Low spur, projects NW.; descend general W. slope.
63.80	Wash, 20 lks. wide, 3 ft. deep, 60 ft. below spur, drains NW.
70.10	Wash, 30 lks. wide, 3 ft. deep, in wide, open draw, drains NW.; gradually ascend.
72.40	Wash, 10 lks. wide, 3 ft. deep, drains N. about 2 chs. distant to junction with main wash from the S.
80.00	On rocky SE. slope.
	Set a red sandstone, 16 x 7 x 6 ins., 6 ins. in the ground to solid rock and in a large mound of stone for cor. of secs. 3, 4, 33 and 34, marked with 3 notches on E. and 3 notches on W. edge; from which
	A pinon, 18 ins. diam., bears N. 20° E., 64 lks.

Subdivision of T.22 S., R.10 E.

Chains

dist., marked T 21 S R 10 E S 34 B T

A pinon, 8 ins. diam., bears S. 59 $\frac{1}{2}$ ° E., 45 lks.

dist., marked T 22 S R 10 E S 3 B T

A pinon, 10 ins. diam., bears S. 63 $\frac{1}{2}$ ° W., 205 lks.

dist., marked T 22 S R 10 E S 4 B T

A pinon, 14 ins. diam., bears N. 69 $\frac{1}{2}$ ° W., 42 lks.

dist., marked T 21 S R 10 E S 33 B T

Iron post was not available at time of establishment of this sec. cor.

Land, rough mountainous bench land cut by draws and box canyons; general NW. exposure and drainage.

Soil, shallow sandy loam and rocky lying on sandstone bedrock.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush and shadescale.

Fair grazing land.

SUBDIVISION OF T.22 S., R.10 E.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the tp. which is an iron post, 2 ins. in dia., extending 8 ins. above ground, firmly set and marked and witnessed as described in the field notes of the survey of T. 23 S., R.10 E.

N. 0° 01' W., bet. secs. 35 and 36.

Gradually ascend over rolling bench land through scattering undergrowth.

10.30 Low spur, 10 ft. above sec. cor., projects NE.; gradually descend over general N. slope.

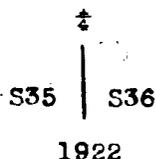
24.30 Wash, 10 lks. wide, 2 ft. deep, in bottom of wide, open draw known as Road Hollow, drains NE. about 10 chs. distant thence SE.; gradually ascend land sloping S.

33.50 Low spur, 25 ft. above wash, projects E.; gradually descend.

Subdivision of T.22 S., R.10 E.

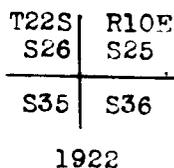
Chains

- 35.30 Road, Sinbad to San Rafael River, bears E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
 the ground for sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor.

- 48.00 Begin gradual ascent over gentle S. slope.
 72.00 Enter scattering timber, bears E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in
 the ground for cor. of secs. 25, 26 35 and 36, with
 brass cap marked



from which

- A cedar, 6 ins.diam., bears N.39 $\frac{3}{4}$ °E., 106 lks.
 dist., marked T 22 S R 10 E S 25 B T
 A pinon, 16 ins.diam., bears S.63 $\frac{3}{4}$ °E., 440 lks.
 dist., marked T 22 S R 10 E S 36 B T
 A pinon, 8 ins.diam., bears S.45 $\frac{1}{2}$ °W., 313 lks.
 dist., marked T 22 S R 10 E S 35 B T
 A pinon, 7 ins.diam., bears N.43°W., 90 lks.
 dist., marked T 22 S R 10 E S 26 B T

Land, rolling bench; general E. exposure and drainage.

Soil, sandy clay loam streaked with rock; subsoil,
 dry, sandy clay.

Timber, cedar and pinon, very scattering on both sides

of line.

Undergrowth, white sage and shadscale.

Scattering growth bunch grass good for grazing
 purposes.

Subdivision of T.22 S., R.10 E.

Chains	S.89°59'E., on a random line bet. secs. 25 and 36.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
79.96	Intersect E. bdy. of the tp. 2 lks. N. of the cor. of secs. 25,30,31 and 36 on the E. bdy. of the tp. heretofore described.
	Thence
	N.89°58'W., on true line bet. secs. 25 and 36.
	Ascend E. slope over mountainous land through dense timber and scattering undergrowth.
4.50	Ridge, 40 ft. above sec. cor., bears NW. and SE.; descend.
9.40	Draw, 45 ft. below ridge, drains SW.; ascend.
12.30	Low spur, 15 ft. above draw, projects SW.; descend.
25.00	Draw, 60 ft. below spur, drains SW.; ascend.
30.50	Spur, 40 ft. above draw, projects SW.; gradually descend.
39.98	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and in a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\begin{array}{r} \text{S 25} \\ \hline \text{S 36} \\ 1922 \end{array}$
	from which
	A pinon, 10 ins.diam., bears N.33°W., 48 lks. dist., marked $\frac{1}{2}$ S 25 B T
	A pinon, 10 ins.diam., bears S.43 $\frac{1}{2}$ °W., 21 lks. dist., marked $\frac{1}{2}$ S 36 B T
46.80	Leave dense timber, bears N. and S.; land becomes more rolling, bears N. and S.
56.80	Draw, 125 ft. below $\frac{1}{2}$ sec. cor., drains S.; ascend.
62.80	Low spur, projects S.; gradually descend 40 ft. to
70.60	Draw, drains SE.; ascend 15 ft. to
79.96	The cor. of secs. 25,26,35 and 36.
	Land, mountainous on eastern portion and rolling bench land on western part of mile; general S. exposure and drainage.
	Soil, light brown sandy clay loam, streaked with rock and mixed with gravel; sandstone formation.
	Timber, cedar and pinon; dense on E.46.80 chs.

Subdivision of T.22 S., R.10 E.

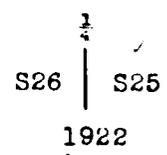
Chains

Undergrowth, sagebrush and grass. Good grazing.

N.0°01'W., bet. secs. 25 and 26.

Gradually ascend over rolling bench land sloping S., through scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for 1/2 sec. cor., with brass cap marked



from which

A pinon, 18 ins.diam., bears N.57 1/2°E., 390 lks. dist., marked 1/2 S 25 B T

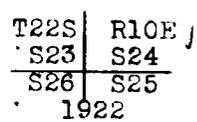
A cedar, 14 ins.diam., bears N46 1/2°W., 176 lks. dist., marked 1/2 S 26 B T

75.00 Base of sandstone ridge and leave bench, bears NW. and SE.; ascend.

76.10 Top of solid sandstone ridge in pass, 90 ft. above 1/2 sec. cor., bears N.80°W. and SE.; line strikes W. edge on vertical sandstone ledge in pass. Descend abruptly.

77.45 Foot of steep descent at base of ledges, bears E. and W.; continue descent.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 23,24,25 and 26, with brass cap mkd.



from which

A pinon, 16 ins.diam., bears N.50 1/8°E., 114 lks. dist., marked T 22 S R 10 E S 24 B T

A pinon, 8 ins.diam., bears S.39°E., 141 lks. dist., marked T 22 S R 10 E S 25 B T

A pinon, 10 ins.diam., bears S.56 1/4°W., 37 lks. dist., marked T 22 S R 10 E S 26 B T

A pinon, 12 ins.diam., bears N.43 3/4°W., 105 lks. dist., marked T 22 S R 10 E S 23 B T

Subdivision of T. 22 S., R. 10 E.

Chains

Cor. stands on N. slope near S. side Reid Nielson Draw,
 75 ft. below sandstone ridge.
 Land, rolling bench, broken by sandstone outcroppings;
 general S. exposure and drainage.
 Soil, deep sandy loam and sandstone rock.
 Timber, scattering cedar and pinon.
 Undergrowth, sagebrush and grass. Good grazing.

S. 89° 58' E., on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/2 sec. cor.

79.96 Intersect E. bdy. of the tp. 7 lks. S. of the cor. of
secs. 19, 24, 25 and 30 heretofore described.

Thence

S. 89° 59' W., on true line bet. secs. 24 and 25.

Over broken bench land through dense timber and scatter-
ing undergrowth. Ascend along rugged S. slope over
sandstone boulders and ledges.

5.00 Spur, 10 ft. above sec. cor., projects SW.; descend.

10.20 Leave timber, bears NE. and SW.

14.20 Draw, 50 ft. below spur, drains SW.; thence over rolling
land across bottom of Reid Nielson Draw.

20.00 Line strikes foot of sandstone spur on N. side of draw,
bears N. 60° E. and NW.

25.40 Wash, 20 lks. wide, 3 ft. deep, in Reid Nielson Draw,
drains SE.; gradually ascend.

30.20 Enter dense timber, bears NW. and SE.

38.80 Spur, 80 ft. above wash, projects N. about 3 chs. dist.;
gradually descend W. slope.

39.98 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in
the ground on solid rock and in a mound of stone for
1/2 sec. cor., with brass cap marked

	3	24	✓
1/2	S	25	
	1922		

from which

A pinon, 10 ins. diam., bears N. 72 1/2° E., 85 lks.
dist., marked 1/2 S 24 B T

A pinon, 6 ins. diam., bears S. 8° E., 83 lks.
dist., marked 1/2 S 25 B T

Subdivision of T.22 S., R.10 E.

- Chains
45.50 Base of descent, leave timber and enter bottom of S. side of Reid Nielson Draw, bears N. and S.
- 77.00 Leave draw and enter timber, bears NW. and SE.; ascend 50 ft. to
- 79.96 The cor. of secs. 23, 24, 25 and 26.
Land, rolling and broken benches; general SE. exposure and drainage.
Soil, deep sandy loam streaked with sandstone rock; sub-soil, dry sand and rock.
Timber, scrub cedar and pinon.
Undergrowth, sagebrush and shadscale. Fair grazing.
-
- N.0°01'W., bet. secs. 23 and 24.
Descend over broken bench land through scattering timber and undergrowth.
- 2.30 Leave timber and enter Reid Nielson Draw, 60 ft. below sec. cor., bears E. and W.
- 24.00 Bottom of Reid Nielson Draw, course E.
- 34.00 Leave draw and enter dense timber, bears NE. and W.; ascend talus slope strewn with sandstone boulders.
- 36.91 Point for $\frac{1}{2}$ sec. cor. will fall on inaccessible ledges where cor. cannot be set; therefore, at this point Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked
- $\frac{1}{2}$
 WC
 S23 | S24
 1922
- from which
A pinon, 20 ins. diam., bears S.35°E., 320 lks. dist., marked WC $\frac{1}{2}$ S 24 B T
A pinon, 18 ins. diam., bears S.3 $\frac{1}{2}$ °W., 96 lks. dist., marked WC $\frac{1}{2}$ S 23 B T
- Witness cor. stands at base of ledge, 200 ft. high, bears NE. and W.
- From the witness cor. the line N. passes over high ledges over which I am unable to chain, I therefore offset S.0°01'E., 3.96 chs. from the witness $\frac{1}{2}$ sec. cor., to

Division of T. 22 S. R. 10 E.

the 32.93 ch. point, which is 30 ft. below witness cor.
 Then offset as follows over nearly level land:
 East 7.30 chs.; then, on offset line:
 N. 0° 01' W. 22.71 chs.; (the following topography noted
 from beginning of offset line) at 7.90 chs., enter
 heavy timber, bears E. and W.; at 11.00 chs., low di-
 vided; 45 ft. above S. end of offset line, bears NE.
 and SW.; desc. 10 ft.; at 14.00 chs., base of descent
 on E. slope; asc. 20 ft.; at the end of course, spur,
 projects NE.

Then, on traverse:
 N. 17° W. 25.00 chs.; (the following topography counted
 from beginning of course) at 5.00 chs., rim of ravine,
 65 ft. below spur, bears NE. and SW.; at 9.20 chs.,
 ravine, 125 ft. below rim, course NW. about 1.00 ch.
 dist., thence SW. approximately 8.00 chs. dist., thence
 NW.; at 10.20 chs., point of spur, 125 ft. above ravine,
 projects NW. about 30 lks. dist.; at 10.90 chs., ravine,
 20 ft. below point of spur, course SW. approximately
 8.00 chs. dist., thence NW.; at 16.50 chs., rim of ra-
 vine, 135 ft. above bottom, bears NE. about 1.00 ch.
 dist. and SW. approximately 8.00 chs. dist., thence NW.;
 desc. gradually 15 ft. over NW. slope of bench; at
 19.40 chs., rim of bench, bears NE. and SW.; begin
 abrupt descent of 65 ft. over NW. slope to

79.55 (Counting from cor. of secs. 23, 24, 25 and 26) Intersect
 the true line bet. secs. 23 and 24. Thence, N. 0° 01' W.
 45 lks. and at

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground, for cor. of secs. 13, 14, 23 and 24, with
 brass cap mkd:

T22S	R10E
S14	S13
S23	S24
1922	

from which,

A pinon pine, 10 ins. diam., bears N. 35° 15' E., 42
 lks. dist., marked T 22 S R 10 E S 13 B T.

Subdivision of T. 22 S., R. 10 E.

Chains.

A cedar, 14 ins. diam., bears S.21°30'E., 43
lks. dist., marked T.22 S R 10 E S 24 B T.

A pinon pine, 6 ins. diam., bears S.58°W., 175
lks. dist., marked T.22 S R.10 E S 23 B T.

A pinon pine, 8 ins. diam., bears N.56°30'W., 77
lks. dist., marked T 22 S R 10 E S 14 B T.

Land, rough, broken and mountainous; outcroppings,
boulders, broken and perpendicular ledges of sandstone
formation; drainage SE., S.44.00 chs.; remainder of
mile drains NW.

Soil, clay and sand mixed with loose gravel and rocks.

Timber, cedar and pinon pine.

Undergrowth, bitter brush, service berry bushes and deer
brush.

Scattering growth of bunch grass.

N.89°59'E. on a random line bet. secs. 13 and 24.

1.00 As the line passes over high ledges on the W. half mile,
making chaining impracticable, I determine the distance
by traversing and offsetting as follows:

N.41°45'E. 2.94 chs. on traverse line; then on an offset
line:

N.89°59'E. 37.04 chs.; then

South 2.19 chs. to the random line, on which, at

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

Owing to high ledges, on E. half mile, which make chain-
ing impracticable, I make the following triangulation:

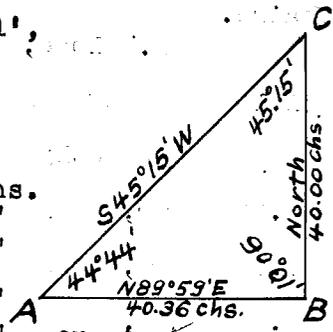
I designate the temp. $\frac{1}{4}$ sec. cor. as point "A", and set
a flag "B" on random line near the E. bdy. of the Tp.
From flag "B", measure a base line N. 40.00 chs. dist.
to a point "C", from which flag "A" bears S.45°15'W.
From the temp. $\frac{1}{4}$ sec. cor., the N. end of the base
bears N.45°15'E.; all bearings are checked by direct
reading of the solar, and by separate measurement of
each angle by deflection by three repetitions, they

Subdivision of T. 22 S., R. 10 E.

Chains.

are found to be respectively $90^{\circ}01'$, $45^{\circ}15'$ and $44^{\circ}44'$; their sum is equal to 180° .

Dist. on random line.....= 40.00 chs.
 Dist. by triangulation...= 40.36 "
 80.36 "
 Dist. S. $89^{\circ}59'W$. by return measurement from flag "B"= 0.50 "
 79.86 " , or at



79.86 Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence,

West on a true line bet. secs. 13 and 24.

Over rough broken mountainous land, through heavy timber and scattering undergrowth; asc. SE. slope 40 ft.

3.00 Spur, projects NE.; asc. abruptly 640 ft. to $\frac{1}{4}$ sec. cor., over rugged general NE. slope, across the head of draw, draining NE.

39.86 Point of triangulation, "A".

39.93 At the base of a high pinnacle, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd:

S 13
 $\frac{1}{4}$
 S 24
 1922

from which,

A pinon pine, 6 ins. diam., bears N. $42^{\circ}15'E.$, 59 lks. dist., marked B T, only. Tree too scrubby for full marking.

A pinon pine, 8 ins. diam., bears S. $5^{\circ}E.$, 130 lks. dist., marked $\frac{1}{4}$ S 24 B T.

From this $\frac{1}{4}$ sec. cor.; E. 7 lks. to flag "A"; then offset N. 2.19 chs.; then, W. on offset line. (topography distances counted from cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp.)

Asc. abruptly 65 ft. over rugged NE. slope to

43.40 Top of high ledge, bears NW. and SE., on top of ridge, bearing NW. and SE.; high sandstone butte, bears SE. approximately 8.00 chs. dist.; desc. abruptly along

Subdivision of T. 22 S., R. 10 E.

Chains.	N. slope, over boulders and broken ledges.
51.10	Head of canyon, 175 ft. below ridge, course NW.; asc. abruptly 260 ft. over general NE. slope.
62.50	Spur, projects N.; desc. 105 ft.
67.70	Draw, course N.; asc. 80 ft.
69.60	Spur, projects NW.; desc. 125 ft. to
76.90	W. end of offset line; thence, S. 41° 45' W. 2.94 chs. on
	traverse line, noting distances to topography, counting from the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp.
77.90	Rim of draw, 10 ft. below W. end of offset line, bears
	NW. and SE.; desc. 25 ft.
78.40	Bottom of draw, course NW.; asc. 15 ft. to
79.00	True line bet. secs. 13 and 24; W. rim of draw, bears
	NW. and SE.
	Thence, W. on true line to
79.86	The cor. of secs. 13, 14, 23 and 24, 10 ft. above S. end
	of traverse line, or W. rim of draw.
	Land, broken mountains with sandstone boulders, outcroppings, pinnacles, and broken and perpendicular ledges; drainage NE., E. 43.40 chs.; remainder of mile drains NW.
	Soil, shallow sand and clay mixed with loose rocks and gravel.
	Timber, cedar and pinon pine.
	Undergrowth, deer brush, service berry bushes and bitter brush.
	Scattering growth of grass.
	N. 0° 01' W. bet. secs. 13 and 14.
	Over rough broken mountainous land, through heavy timber and scattering undergrowth; desc. gradually 10 ft. over N. slope.
Q.70	Draw, course W.; asc. 65 ft. abruptly;
4.10	Top of abrupt ascent or rim of bench, bears E. and W.;

Subdivision of T. 22 S., R. 10 E.

Chains.

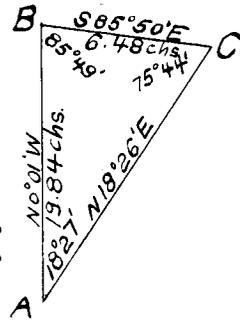
asc. gradually 15 ft.

9.80 Top of bench, bears W. and SE.; desc. 15 ft.

18.40 Edge of bench or rim of box canyon, bears W. and SE.

Chaining is impracticable N. from this point, owing to high ledges on the abrupt sides of canyon; therefore I triangulate as follows:

I designate the 18.40 ch. point as point "A", and set a flag "B" on line on N. side of canyon; then from flag "B" measure a base line S.85°50'E. 6.48 chs. dist. to a flag "C", from which point "A" bears S.18°26'W. From point "A", the E. end of the base bears N.18°26'E.; all bearings are checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions, they are found to be respectively 85°49', 75°44' and 18°27'; and their sum is equal to 180°.



- Dist. on true line.....=18.40 chs.
- Dist. by triangulation.....=19.84 chs.
- Dist. to flag "B".....=38.24 "

The approximate distances to topography from point "A" to flag "B" are as follows:

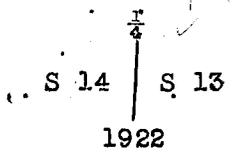
23.70 Top of ledge, 75 ft. high, bears NW. and SE.

29.00 Bottom of box canyon, which begins to box up approximately 13.00 chs. to the SE., 270 ft. below S. rim of bench, course N.70°W.; asc. abruptly 290 ft. over rugged N. side of canyon.

34.70 Leave ledges, bear N.70°W. and SE.

38.24 Flag "B" on N. rim of canyon, bearing E. and W.; asc. gradually 10 ft. to

40.00 On top of spur, projecting SW., set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for 1/4 sec. cor., with brass cap mkd:



Subdivision of T. 22 S., R. 10 E.

Chains.

from which,

A pinon pine, 10 ins. diam., bears N.79°30'E., 22 lks. dist., marked 1/4 S 13 B T.

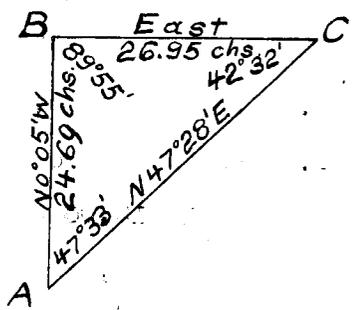
A pinon pine, 10 ins. diam., bears S.36°W., 137 lks. dist., marked 1/4 S 14 B T.

46.60 Draw, 55 ft. below 1/4 sec. cor., course SW.; asc. 190 ft.

55.40 Spur, projects NW.; a sandstone pinnacle bears N.60°W. approximately 3.00 chs. dist.

N. from this point, the precipitous descent over series of ledges and large boulders, on the S. side of canyon makes chaining impracticable; therefore I make the following triangulation:

I erect a flag "A" at the 55.40 ch. point, and also a flag "B" near the bottom of canyon, 3 lks. W. of line; then measure a base line E. 26.95 chs. from flag "B" to a point "C", from which flag "A" bears S.47°28'W. From flag "A" the E. end of the base bears N.47°28'E.; the required distance "AB" has a bearing of N.0°05'W. All bearings are checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 1' balanced to 180°, they are found to be respectively 89°55', 42°32' and 47°33'.



Dist. by triangulation.....= 24.69 chs.

Dist. on true line to flag "A".....= 55.40 "

Distance by return measurement = 9 lks. 80.00 "

N. from the 55.40 ch. point I give the following approximate distances to topography, counting from the cor. of secs. 13, 14, 23 and 24:

67.00 Top of perpendicular ledge, 30 ft. high, bears NW. and SE

75.00 Bottom of canyon, 450 ft. below spur, course NW.; asc. 50 ft. over rough W. slope to and 9 lks. S.

80.00 3 lks. E./of triangulation flag "B", set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to

Subdivision of T. 22 S., R. 10 E.

solid rock and in a mound of stone, for cor. of secs.
11, 12, 13 and 14, with brass cap mkd:

T22S	R10E
S11	S12
S14	S13
1922	

from which,

A pinon pine, 8 ins. diam., bears N.38°E., 110
lks. dist., marked T 22 S R 10 E S 12 B T.

A pinon pine, 6 ins. diam., bears S.80°E., 53
lks. dist., marked T 22 S R 10 E S 13 B T.

A pinon pine, 10 ins. diam., bears S.66°W., 235
lks. dist., marked T 22 S R 10 E S 14 B T.

A pinon pine, 8 ins. diam., bears N.18°W., 121
lks. dist., marked T 22 S R 10 E S 11 B T.

Land, rough and broken mountains with general drainage
NW.; outcroppings, boulders, and broken and perpendic-
ular ledges of sandstone formation.

Soil, shallow sand and clay mixed with loose rocks and
gravel.

Timber, cedar and pinon pine.

Undergrowth, deer browse, service berry bushes and bitter
brush.

Scattering growth of grass.

East on a random line bet. secs. 12 and 13.

37.73 Set temp. witness $\frac{1}{4}$ sec. cor.; E. from this point, the
line descends abruptly over high rim of ridge, and
thence, over series of broken and perpendicular ledges,
for approximately 7.00 chs. dist., making chaining im-
practicable; therefore I determine the length of the
remainder of line as follows:

I erect a flag "A" at the 37.73 ch. point, and also a
flag "B" on random line, 2 lks. S. of the cor. of secs.
7, 12, 13 and 18, on the E. bdy. of the Tp.; then from
flag "B" measure a base line N. 40.00 chs. to a point
"C", from which flag "A" bears S.46°26'W. From flag

Subdivision of T. 22 S., R. 10 E.

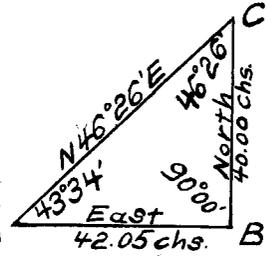
Chains.

"A" the N. end of the base bears N.46°26'E. All bearings are checked by direct reading of the solar; and by separate measurement of each angle by deflection by three repetitions, they are found

to be 90°00', 46°26' and 43°34', and their sum is equal to 180°.

Dist. on random line.....=37.73 chs.

Dist. by triangulation.....=42.05 "



79.78 ", or at

79.78 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence,

S.89°59'W. on a true line bet. secs. 12 and 13.

Over rolling hills, through heavy timber and scattering undergrowth; asc. gradual general E. slope.

35.00 Approximately. Leave hills, begin precipitous ascent over series of broken and perpendicular ledges, bearing N.20°E. and SE.

39.89 The true point for 1/4 sec. cor. falls on a high ledge, where it is impracticable to set an iron post or chisel a cross.

42.05. Flag "A" on top of rim of ridge, bearing N.20°E. and S.20°E., 550 ft. above cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp.; set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and in a mound of stone, for witness 1/4 sec. cor., with brass cap mkd:

	S 12	/
1/4	-----	WC
	S 13	
	. 1922	

from which,

A pinon pine, 8 ins. diam., bears N.11°30'W., 53 lks. dist., marked WC 1/4 S 12 B T.

A pinon pine, 15 ins. diam., bears S.19°15'E., 27 lks. dist., marked WC 1/4 S 13 B T.

42.90 Ridge, 10 ft. above witness 1/4 sec. cor., bears N.20°E. and S.; desc. 65 ft.

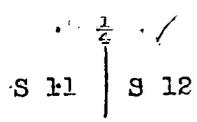
Subdivision of T. 22 S., R. 10 E.

Chains.

- 47.10 Draw, course N.25°E.; asc. 40 ft.
- 52.90 Spur, projects N.20°W.; desc., abruptly 270 ft. over boulders.
- 77.80 Top of high ledge, bears NW. and SE.; E. rim of canyon, bears NW. and SE.; precipitous descent of 95 ft. to sec. cor., over broken ledges.
- 79.78 The cor. of secs. 11, 12, 13 and 14.
Land, rough and broken mountains; sandstone formation; drainage E., E. 42.05 chs.; remainder of mile drains NW.
Soil, shallow clay and sand mixed with loose rocks and gravel.
Timber, cedar and pinon pine.
Undergrowth, deer browse, service berry bushes and bitter brush.
Scattering growth of bunch grass.

N.0°01'W. bet. secs. 11 and 12.
Over rough mountainous land, through heavy timber and scattering undergrowth; asc. 10 ft. along general SW. slope.

- 3.50 Spur, projects W.; desc. 35 ft.
- 6.00 Gulch; course W. approximately 2.00 chs. dist., into main canyon, thence NW.; asc. 105 ft. abruptly.
- 9.10 Top of high perpendicular ledge, bears NW. and SE., on rim of canyon, bearing NW. and SE.; asc. gradually 10 ft.
- 17.40 Spur, projects NW.; desc. broken NE. slope 85 ft.
- 37.10 Ravine, course W.; asc. 20 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap mkd:



Subdivision of T. 22 S., R. 10 E.

Chains.

from which,

A pinon pine, 12 ins. diam., bears S.79°E., 88 lks. dist., marked $\frac{1}{4}$ S 12 B T.

A pinon pine, 8 ins. diam., bears S.40°W., 215 lks. dist., marked $\frac{1}{4}$ S 11 B T.

41.60 Spur, 40 ft. above $\frac{1}{4}$ sec. cor., projects S.70°W.; desc. 125 ft. over broken bench land, along general W. slope.

61.30 Draw, course N.80°W.; asc. gradually 15 ft. to

80.00 On a general W. slope, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 1, 2, 11 and 12 with brass cap mkd:

T22S	R10E
S2	S1
S11	S12
1922	

from which,

A pinon pine, 10 ins. diam., bears N.11°E., 146 lks. dist., marked T. 22 S R 10 E S 1 B T.

A pinon pine, 10 ins. diam., bears S.64°E., 93 lks. dist., marked T 22 S R 10 E S 12 B T.

A pinon pine, 10 ins. diam., bears S.55°W., 37 lks. dist., marked T 22 S R 10 E S 11 B T.

A pinon pine, 8 ins. diam., bears N.56°W., 134 lks. dist., marked T 22 S R 10 E S 2 B T.

Land, rough, broken mountains and bench, draining generally to the NW.; sandstone formation.

Soil, rocky, gravelly clay and sand.

Timber, cedar and pinon pine.

Undergrowth, bitter brush and chaparral.

Fair growth of bunch grass.

N.89°59'E. on a random line bet. secs. 1 and 12.

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

79.84 Intersect the E. bdy. of the Tp., 2 lks. N. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Subdivision of T. 22 S., R. 10 E.

Chains.

Thence,

West on a true line bet. secs. 1 and 12.

Over rolling and broken bench land, through a medium growth of timber and scattering undergrowth; desc. SW. slope 10 ft.

6.80 Draw, course SE.; asc. 25 ft.

14.20 Ridge, bears NE. and SW.; desc. 70 ft. across the head of draw, draining SW.

32.10 Spur, projects S.; desc. 65 ft. to

39.92 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for 1/4 sec. cor., with brass cap mkd:

S 1
1/4
S 12
1922

from which,

A pinon pine, 8 ins. diam., bears N. 7° 00' W., 22 lks. dist., marked 1/4 S 1 B T.

A pinon pine, 10 ins. diam., bears S. 38° 30' W., 32 lks. dist., marked 1/4 S 12 B T.

40.60 Draw, 10 ft. below 1/4 sec. cor., course NW.; asc. 10 ft.

44.50 Spur, projects NW.; desc. 10 ft.

46.90 Draw, course NW.; asc. gradually 35 ft.

62.30 Top of gradual ascent, bears NW. and SE.; begin precipitous ascent of 240 ft. over rough general E. slope.

69.70 Top of high perpendicular ledge and E. rim of spur, bears NW. and SE.; asc. gradually 20 ft.

70.50 Spur, projects N. 20° W.; desc. 75 ft. over general W. slope to

79.84 The cor. of secs. 1, 2, 11 and 12.

Land, rough, broken benches and mountains; sandstone boulders, and broken and perpendicular ledges; drainage SE., E. 14.20 chs.; W. 65.64 chs. drains generally to the NW.

Soil, rocky, gravelly clay and sand.

Timber, a medium to a heavy growth of cedar and pinon pine.

Subdivision of T. 22 S., R. 10 E.

Chains.

Undergrowth, deer browse, bitter brush and chaparral.
Fair growth of bunch grass.

N.0°01'W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the N. bdy. of the Tp.; 12 lks. E. of the cor.
of secs. 1, 2, 35 and 36, hereinbefore described.

Thence,

S.0°06'E. on a true line bet. secs. 1 and 2;

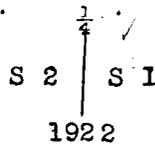
Desc. abruptly 90 ft. over rough SE. slope, through
scattering timber and undergrowth.

10.00 Base of abrupt descent, bears NE. and SW.; desc. more
gradually 170 ft. over broken bench land.

20.00 Flag "B" of triangulation on offset line in sec. 2, pre-
viously described.

36.60 Mexican Wash Canyon, course NE.; asc. gradually 10 ft. to

40.00 Flag "C" of triangulation on offset line in sec. 2, pre-
viously described; set an iron post, 3 ft. long, 1 in.
in diam.; 27 ins. in the ground, for 1/4 sec. cor., with
brass cap mkd:



from which,

A cedar, 18 ins. diam., bears N.62°30'E., 82
lks. dist., marked 1/4 S 1 B T.

A cedar, 6 ins. diam., bears S.84°15'W., 67
lks. dist., marked 1/4 S 2 B T.

Continue gradual ascent of 80 ft. over broken general N.
slope, from this 1/4 sec. cor.

68.60 Begin precipitous ascent of 235 ft. on N. slope, over
outcroppings and boulders, bearing E. and W.

74.40 Leave ledges, bear E. and W., at the top of abrupt
ascent or rim of spur, bearing E. and W.; desc. grad-
ually 10 ft. along W. slope to

80.00 The cor. of secs. 1, 2, 11 and 12.

Subdivision of T. 22 S., R. 10 E.

Chains.

Land, broken and rough mountains and benches; general drainage NE.; sandstone boulders, outcroppings and broken ledges.

Soil, rocky, gravelly clay and sand.

Timber, cedar and pinon pine.

Undergrowth, deer browse, bitter brush and chaparral.

Scattering growth of bunch grass.

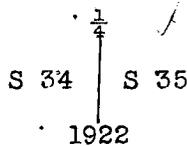
From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked, and witnessed by two bearing trees, one in each of secs. 2 and 3, and by a mound of stone W. of cor., as described in field notes of survey of T.23 S., R.10 E. N.0°01'W. bet. secs. 34 and 35.

Over rolling bench land, through scattering timber and undergrowth; desc. gradual NW. slope 25 ft.

26.50 Draw, course NE.; asc. 60 ft.

35.40 Spur, projects NE.; desc. 25 ft. to

40.00 In the head of draw, draining E., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd:



from which,

A pinon pine, 12 ins. diam., bears N.76°30'E., 288 lks. dist., marked $\frac{1}{4}$ S 35 B T.

A cedar, 16 ins. diam., bears S.81°W., 189 lks. dist., marked $\frac{1}{4}$ S 34 B T.

46.30 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects NE.; desc. 35 ft.

54.30 Leave timber, bears E. and W.

62.30 Fork of Road Hollow, course NE.; asc. gradually 10 ft. to sec. cor.

68.90 Road to San Rafael River, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35,

Subdivision of T. 22 S., R. 10 E.

Chains.

with brass cap mkd:

T22S	R10E
S27	S26 ✓
S34	S35
1922	

and deposit a sandstone, 12X6X5 ins., marked with a cross, in the hole beside the post; other accessories impracticable.

Land, rolling bench, draining generally to the E.; sandstone formation.

Soil, sand and clay mixed with loose rocks and gravel.

Timber, cedar and pinon pine.

Undergrowth, buck brush and white sagebrush.

Fair growth of grass.

S.89°59'E. on a random line bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence,

N.89°58'W. on a true line bet. secs. 26 and 35.

Over rolling bench land, through scattering timber and undergrowth; desc. gradual W. slope 20 ft.

5.30 Draw, course S.; asc. gradually 20 ft.

10.30 Leave timber, bears N. and S., on top of spur, projecting S. approximately 2.00 chs. dist.; desc. 10 ft.

14.30 Draw, course SE.; asc. gradually 65 ft. to 1/2 sec. cor.

27.30 Enter heavy timber, bears N. and S.

34.00 Leave heavy timber and enter scattering, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd:

1/4	S 26 ✓
	S 35
	1922

from which,

A pinon pine, 18 ins. diam., bears N.88°00'E., 688

lks. dist., marked 1/4 S 26 B T.

Subdivision of T. 22 S., R. 10 E.

Chains.

A pinon pine, 12 ins. diam., bears S 83° 00' E., 370
 lks. dist., marked $\frac{1}{4}$ S 35 B T.

49.60 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 45
 ft.

49.70 Enter heavy timber, bears N. and S.

52.60 Leave timber, bears N. and S.

74.20 Bottom of Road Hollow, course SE.; asc. gradually 15 ft.
 to sec. cor.

77.30 Road to San Rafael River, bears NW. and SE.

80.02 The cor. of secs. 26, 27, 34 and 35.

Land, rolling bench, draining SE.; sandstone formation.
 Soil, sand and clay mixed with loose rocks and gravel.
 Timber, cedar and pinon pine.
 Undergrowth, yellow brush and buck brush.
 Fair growth of grass.

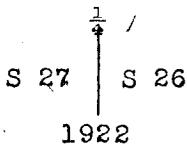
N. 0° 01' W. bet. secs. 26 and 27.

Over rolling bench land, through scattering undergrowth;
 desc. gradual NE. slope 15 ft.

1.90 Road to San Rafael River, bears N. 80° W. and S. 80° E.

7.10 Bottom of Road Hollow, course SE.; asc. gradually 40 ft. to

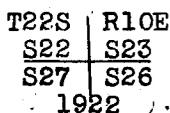
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd:



and deposit a sandstone 6X5X2 ins., marked with a cross,
 in the hole beside the post; no other accessories
 available.

This con. stands on a general SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground, for cor. of secs. 22, 23, 26 and 27, with
 brass cap mkd:



Subdivision of T. 22 S., R. 10 E.

Chains.

and deposit a sandstone, 10X8X3 ins., marked with a cross, in the hole at the base of the post.

From the cor., a cedar, .15 ins. diam., bears N.15°45'E., 177 lks. dist., marked T 22 S R 10 E S 23. B T; no other accessories available.

This cor. stands on a general SW. slope, 55 ft. above 1/4 sec. cor..

Land, rolling bench with general drainage SE.; sandstone formation.

Soil, sand and clay mixed with loose rock and gravel.

Timber, a few scattering cedar.

Undergrowth, buck brush.

Fair growth of grass.

S.89°58'E. on a random line bet. secs. 23 and 26.

It is impracticable to run S.89°58'E. from the cor. of secs. 22, 23, 26 and 27, owing to high ledges on portions of the mile; therefore offset as follows from the above cor.:

S.0°01'E. 5.00 chs.; then, on the offset line:

S.89°58'E. 40.00 chs.; then

N.0°01'W. 5.00 chs. to random line, on which, at

40.00 Set temp. 1/4 sec. cor.; from this point offset

N.0°01'W. 5.00 chs.; then, on offset line:

S.89°58'E. 40.00 chs., then

S.0°01'E. 5.00 chs. to random line, on which, at

80.00 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

West on a true line bet. secs. 23 and 26; Offset

N.0°01'W. 5.00 chs., over N. slope, through scattering

timber and undergrowth; thence, on offset line, the

E. end of which is 10 ft. below cor. of secs. 23, 24,

25 and 26;

West 40.00 chs. (the distances to the following topogra-

Subdivision of T. 22 S., R. 10 E.

ins.

phy noted from beginning of offset line)

17.60 Dry wash, 50 lks. wide, 15 ft. deep, course NE. approximately 10.00 chs. dist., thence E.

17.80 Enter heavy timber; bears NW. and SE.

27.10 Leave heavy timber and enter scattering, bears NW. and SE.; begin more abrupt ascent over broken ledges, bearing N.80°W. and SE.

28.30 Top of ledge, 25 ft. high, bears S. and N. about 50 lks. dist.

34.50 Top of ledge, 20 ft. high, bears S. and N. about 1.50 chs. dist.

40.00 W. end of offset line, 185 ft. above E. end of the same line. Offset

S.0°01'E. 5.00 chs., over series of broken ledges, on N. slope; asc. abruptly 160 ft. to true line, on which, at

40.00 At the foot of a ledge, 150 ft. high, bearing N. and S., on the S. edge of a solid sandstone ridge, bearing E. and W.; set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to solid rock and in a mound of stone, for 1/4 sec. cor., with brass cap mkd:

S 23
S 26
1922

from which,

A sandstone ledge, bears N., 1 lk. dist., marked X S 23 B O.

A pinon pine, 10 ins. diam., bears S:57°W., 57 lks. dist., marked 1/4 S 26 B T.

From this 1/4 sec. cor., offset

S.0°01'E. 5.00 chs.; over rough S: slope; then, on the offset line (the E. end of which is 45 ft. below 1/4 sec. cor.):

West 20.00 chs. (the distances on this offset line is counted from the cor. of secs: 23, 24, 25 and 26).

56.00 Leave timber, bears NW. and SE.

80.00 W. end of offset line, 65 ft. below E. end of the same line; offset

Subdivision of T. 22 S., R. 10 E.

Chains. N.0°01'W. 5.00 chs. over gradual SW. slope to true line,
 or at
 80.00 Intersect the cor. of secs. 22, 23, 26 and 27, 10 ft.
 above W. end of offset line.
 Land, broken mountains, rugged with sandstone boulders,
 and broken and perpendicular ledges; general drainage
 N. to Reid Nielson Draw, E. 40.00 chs.; W. 40.00 chs.
 drains SW. to Road Hollow.
 Soil, shallow, rocky clay and sand, lying on bedrock.
 Timber, cedar and pinon pine.
 Undergrowth, bitter brush and buck brush.
 Scattering growth of bunch grass.

N.0°01'W. bet. secs. 22 and 23.
 Over rolling land, through scattering undergrowth; asc.
 gradual general S. slope 45 ft.

6.20 Brush fence, bears E. and W.
 12.70 Dry wash, 15 lks. wide, 2 ft. deep, course SW.
 23.13 Foot of high ledge, bears E. and W., on top of divide bet.
 Road Hollow and Mexican Wash Canyon, bearing E. and W.
 The height of this ledge makes chaining impracticable;
 therefore, offset as follows:

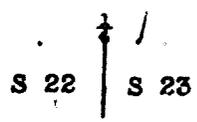
East 2.46 chs. over nearly level top; then, on offset
 line, through heavy timber, bearing E. and W.:

N.0°01'W. 16.87 chs.

30.80 (Dist. counted from sec. cor.) Fork of Mexican Wash Canyon,
 90 ft. below divide, course NW.; asc. 50 ft. to N. end
 of offset line; then, offset

West 2.46 chs. to true line, 35 ft. below point of offset,
 and at

40.00 On a SW. slope, set an iron post, 3 ft. long, 1 in. in
 diam., 6 ins. in the ground to solid rock, and in a
 mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap mkd:



Subdivision of T. 22 S., R. 10 E.

Chains.

from which,

A pinon pine, 10 ins. diam., bears N.7°45'E., 24

lks. dist., marked $\frac{1}{4}$ S 23 B T.

A pinon pine, 6 ins. diam., bears S.28°W., 37

lks. dist., marked $\frac{1}{2}$ S 22 B T.

44.90 Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects NW.; desc. along
general E. slope 150 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to solid rock and in a mound of stone, for
cor. of secs. 14, 15, 22 and 23, with brass cap mkd:

T22S	R10E
S15	S14
S22	S23
....1922	

from which,

A cedar, 10 ins. diam., bears N.58°30'E., 54

lks. dist., marked T 22 S R 10 E S 14 B T.

A pinon pine, 8 ins. diam., bears S.75°00'E., 45

lks. dist., marked T 22 S R 10 E S 23 B.T.

A pinon pine, 12 ins. diam., bears S.66°30'W., 58

lks. dist., marked T 22 S R 10 E S 22 B T.

A pinon pine, 10 ins. diam., bears N.27°30'W., 57

lks. dist., marked T 22 S R 10 E S 15 B.T.

Land, rough, broken and mountainous; sandstone boulders,
broken and perpendicular ledges; drainage SW., S. 23.20
chs.; N. 56.80 chs. drains generally to the NW.

Soil, rocky clay and sand, lying on bedrock.

Timber, cedar and pinon pine.

Undergrowth, deer browse and buck brush.

Scattering growth of bunch grass.

East on a random line bet. secs. 14 and 23.

31.16 Set point for triangulation.

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

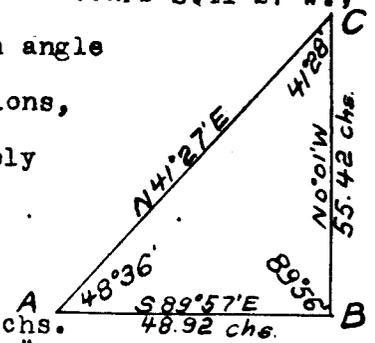
42.50 E. from this point, chaining is impracticable, on account
of the line crossing a deep box canyon; therefore I re-
turn to the 31.16 ch. point, which I designate as point

Subdivision of T. 22 S., R. 10 E.

Chains.

"A", and make the following triangulation:

From point "A", a flag "B" set on the cor. of secs. 13, 14, 23 and 24 is visible, and bears S.89°57'E., and also from the same station "A", a flag "C" set on line at the 55.42 ch. point bet. secs. 13 and 14, bears N.41°27'E. From flag "C" point "A" bears S.41°27'W.; by separate measurement of each angle by deflection by three repetitions, they are found to be respectively 48°36', 89°56' and 41°28', and their sum is equal to 180°.



Dist. on random line.....=31.16 chs.
 Dist. by triangulation....=48.92 "

80.08 " , or at

80.08 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N.89°59'W. on a true line bet. secs. 14 and 23.

Over rough broken mountainous land, through heavy timber and scattering undergrowth; desc. 50 ft. along W. slope of sandstone bench.

14.10 E. rim of fork of Mexican Wash Canyon, bears NW. and SE.; begin precipitous descent of 360 ft. over broken ledges, bearing NW. and SE., on SW. slope.

20.00 Approximately. Bottom of fork of Mexican Wash Canyon, course NW.; asc. abruptly 320 ft. over rugged NE. slope.

24.00 Approximately. Leave ledges, bear NW. and S.; W. rim of fork of Mexican Wash Canyon, bears NW. and S.; asc. gradual E. slope 60 ft.

27.50 Spur, projects N.10°E.; desc. 35 ft. to

47.4 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and in a mound of stone, for sec. cor., with brass cap mkd:

S 14 /
 S 23
 1922

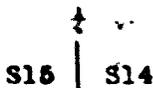
Subdivision of T.22 S., R.10 E.

Chains	from which
	A pinon, 8 ins.diam., bears N.58 $\frac{1}{2}$ °W., 44 lks. dist., marked $\frac{1}{4}$ S 14 B T
	A cedar, 10 ins.diam., bears S.23 $\frac{1}{2}$ °E., 70 lks. dist., marked $\frac{1}{4}$ S 23 B T
43.10	Draw, 55 ft. below $\frac{1}{4}$ sec. cor., heads about 4 chs. S. and drains N.; ascend 80 ft. to
48.90	Spur, projects NW.; descend 260 ft.
48.92	Point "A" of triangulation.
62.30	Descent becomes more abrupt over broken sandstone ledges, bears NW. and SE.
67.50	Ravine, drains N.80°W.; ascend abruptly.
71.20	Spur, 50 ft. above ravine, projects NW. about 1.50 chs. distant; descend abruptly over rough SW. slope.
74.00	Fork of Mexican Wash Canyon, 50 ft. below spur, drains N.; ascend abruptly rugged E. slope 150 ft. to
80.08	The cor. of secs. 14, 15, 22 and 23. Land, broken benches and rough mountains; general N. exposure and drainage. Soil, sandstone rock and shallow brown and red clay; sandstone formation. Timber, scrub cedar and pinon. Undergrowth, scattering sagebrush and shadscale.
<hr/>	
	N.0°01'E., bet. secs. 14 and 15. Over rough mountainous land through dense scrub timber and scattering undergrowth. Descend along E. and N. slopes over sandstone ledges.
12.90	Fork of Mexican Wash Canyon, 200 ft. below sec. cor., drains NW. to junction with main canyon; ascend abruptly SW. slope over sandstone ledges.
19.15	Sandstone ledge, 50 ft. high and N. rim of canyon, bears NW. and SE.; thence over broken bench land on E. side of main Mexican Wash Canyon.
30.70	Spur, 150 ft. above canyon, projects W.; descend NW. slope 30 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in

Subdivision of T.22 S., R.10 E.

Chains

the ground on solid rock and in a large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked



1922.

from which

A pinon, 8 ins.diam., bears S.22 $\frac{1}{2}$ °W., 53 lks.
dist., marked $\frac{1}{2}$ S 15 B T

A pinon, 15 ins.diam., bears S.63°E., 80 lks.
dist., marked $\frac{1}{2}$ S 14 B T

Continue descent over NW. slope 135 ft. to

48.00 Sandstone ledge, 50 ft. high on S. rim of Mexican Wash canyon, bears NE. and SW.; descend abruptly.

53.95 Mexican Wash Canyon, 100 ft. below rim, drains NE.; ascend abruptly SE. slope over ledges.

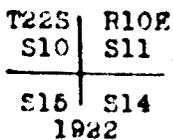
60.70 Sandstone ledge, 50 ft. high, bears NE. and SW.

61.80 Spur, 100 ft. above canyon, projects E.; descend.

65.20 Draw, 75 ft. below spur, drains E.; ascend.

73.60 Spur, projects E.; descend 50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and in a mound of stone for cor. of secs. 10,11,14 and 15, with brass cap marked



from which

A pinon, 10 ins.diam., bears N.14 $\frac{1}{2}$ °E., 157 lks.
dist., marked T 22 S R 10 E S 11 B T

A pinon, 8 ins.diam., bears S.8 $\frac{1}{2}$ °E., 143 lks.
dist., marked T 22 S R 10 E S 14 B T

A pinon, 10 ins.diam., bears S.27 $\frac{1}{2}$ °W., 196 lks.
dist., marked T 22 S R 10 E S 15 B T

A pinon, 8 ins.diam., bears N.60 $\frac{1}{2}$ °W., 167 lks.
dist., marked T 22 S R 10 E S 10 B T

Subdivision of T. 22 S R 10 E.

Chains

Land, broken and rugged mountains; general N. exposure and drainage.

Soil, rocky of sandstone formation.

Timber, scrub cedar and pinon.

Undergrowth, scattering shadscale and sagebrush.

S. 89°59'E. on a random line bet. secs. 11 and 14.

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

79.88 Intersect N. and S. line 2 lks. S. of the cor. of secs. 11, 12, 13 and 14..

thence

West, on true line bet. secs. 11 and 14.

Over rough mountainous land through dense scrub timber and scattering undergrowth. Descend W. slope 50 ft. to

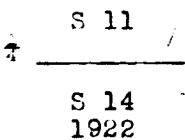
2.90 Canyon, drains N. 30°...; ascend abruptly rugged N.E. slope 400 ft.

13.90 Sandstone ledge, 50 ft. high, bears NW. and SE.

18.50 Spur, projects NW.; descend.

36.10 Sandstone ledge 50 ft. high on E. rim of canyon, bears NW.; descend abruptly.

39.94 On W. slope near bottom of canyon 400 ft. below spur. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 10 ins. diam., bears N. 11 $\frac{1}{2}$ °E., 73 lks. dist., marked $\frac{1}{4}$ S 11 B r

A pinon, 8 ins. diam., bears S. $\frac{1}{2}$ °E., 137 lks. dist., marked $\frac{1}{4}$ S 14 B r

40.80 Canyon, drains Nw.; ascend abruptly over ledges 150 ft.

45.00 Sandstone ledge and W. rim of canyon, bears N. and S.; continue ascent to

Subdivision of T.22 S., R.10 E.

Chains	
51.50	Spur, projects N.; descend W. slope 50 ft. to
65.80	Sandstone ledge, 50 ft. high and E. rim of Mexican Wash Canyon, bears N. and S. A small oil seep at base of ledge, bears S. about 2 chs. distant.
69.10	Bottom of Mexican Wash Canyon, drains NW.; 200 ft. below spur,; ascend abruptly E. slope.
71.80	Top of ledge 50 ft. high and W. rim of canyon, bears NW. and SE.; continue ascent over general E. slope.
79.88	The cor. of secs. 10, 11, 14 and 15, 150 ft. above canyon. Land, rough and broken mountains; general N. exposure and drainage. Soil, rocky of sandstone formation. Timber, scrub cedar and pinon. Undergrowth, scattering shadscale, service berry and sagebrush. Poor grazing land.

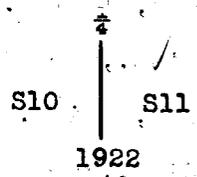
N.0°01'W., bet. secs. 10 and 11.

Descend over mountainous land sloping generally to the E. through dense scrub timber and scattering undergrowth.

20.40 Draw, 40 ft. below cor., drains E.; ascend abruptly over ledges 140 ft. to

30.75 Spur, projects E.; descend abruptly N. slope 140 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for 1/4 sec. cor., with brass cap marked



from which

pinon, 8 ins.diam., bears S.48°E., 97 lks. dist., marked 1/4 S 11 B T

A pinon, 8 ins.diam., bears S.81°W., 136 lks. dist., marked 1/4 S 10 B T

Subdivision of T. 22 S., R. 10 E.

chains

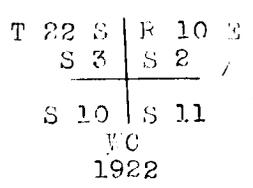
The line north from this point passes over high sandstone ledges over which it is impracticable to chain, therefore traverse as follows, with topography on traverse line.

- N. 39° 00' E; desc. 20 ft. along a NE. slope to,
- Chains 12.60 Draw, drains NE.; asc. 145 ft. along a SE. slope,
- 31.40 Spur, projects SE.; thence along an E. slope to,
- 35.80 A point 27.82 chains north and 22.53 chains east of the 1/4 sec. cor.; thence North, on traverse,
- 6.00 Spur, projects NE.; thence along a NW. slope to,
- 12.18 A point 40.00 chains north of the 1/2 sec. cor., thence West, on traverse line

- 80.00 16.36 Further progress west on this line rendered impracticable due to impassable ledges. The true cor. point falls on these ledges and cannot be perpetuated. Traverse from this point as follows

N. 0° 01' W. 4.06 chains West, 6.19 chains to a point on true line and at this point,

- 84.06 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 witness corner to the cor. of secs. 2, 3, 10 and 11, with a brass cap marked:



from which,
 A pinon, 8 ins. in dia., bears N. 81° E., 42 lks. dist., marked WC T22S R10E S2 BT.

No other trees available; deposit a sandstone, 16 x 8 x 8 ins. marked with a cross (X) at the base of the post.

Land, rough mountains; drainage, NE.

Soil, sand and clay, sandstone outcrops and ledges.

Subdivisions of T. 22 S., R. 10 E.

Chains

Timber, pinon pine and juniper.

Undergrowth, service berry, deer and bitter brush.

Poor grazing.

East on a random line bet. secs. 2 and 11.

Beginning at the witness corner to the cor. of secs. 2, 3, 10 and 11, heretofore described, which is 4.06 ch. N. $0^{\circ} 01'$ W. from the true cor. point, thence with offset as follows:

East, 6.19 chains

6.19 S. $0^{\circ} 01'$ E.; 4.06 chains to a point on true random line thence east on a random line bet. secs. 2 and 11.

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

79.82 Intersect the E. and S. line at a point 07 lks. N. of the cor. of secs. 1, 2, 11 and 12, thence, E. $89^{\circ} 57'$ W. on true line bet. secs. 2 and 11.

Over rough mountainous land, through dense timber and scattering undergrowth; desc. along a NW. slope 250 ft. to canyon bottom.

4.40 E. rim of wash and 100 ft. vertical sandstone ledge, bears N. and SW.

drains N.

22.00 Mexican Wash Canyon; asc. abrupt E. slope 205 ft. to

34.00 W. rim of wash, vertical ledges 100 ft. high, bears N. and SE.; thence along gentle E. slope to

39.91 On a gentle E. 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 $\frac{1}{4}$ sec. cor., with a brass cap marked:

$\frac{1}{4}$ ——— 2'
 S 11
 1922

from which,

A cedar, 8 ins. in dia., bears N. 29° W., 65 lks. dist., marked $\frac{1}{4}$ Sz Br.

A pinon, 14 ins. in dia., bears S. $80\frac{1}{2}^{\circ}$ W., 155

Subdivision of T. 22 S., R. 10 E.

Chains

lks. dist., marked $\frac{1}{2}$ S 11 B T

- 46.80 Spur, projects NE.; descend.
- 67.40 Draw, 70 ft. below spur, drains NE.; ascend 45 ft. to
- 75.65 Base of high sandstone wall, bears NW. and SE., further progress west from this point impossible on account of the ledges; therefore, offset as follows:
 N.0°01'W., 4.06 chs., then on offset line
 N.89°57'W., 6.19 chs.; to
- 79.82 The witness cor. to the cor. of secs. 2,3,10 and 11 which is 4.06 chs. N.0°01'W. of true cor. point.
 Land, rugged mountains and bench land; general N. exposure and drainage.
 Soil, chiefly sandstone bedrock.
 Timber, scrub cedar and pinon.
 Undergrowth, scattering sage, service berry and shadscale.
-
- N.0°05'W., on a random line bet. secs. 2 and 3 from the witness cor. to the cor. of secs. 2,3,10 and 11 which is N.0°01'W., 4.06 chs. distant from true cor. point.
 (Impossible to begin at true cor. point for. sec. cor.)
 The line N. from the witness cor. passes along E. break of mountain and high ledge wall and has a low pass in same about 10 chs. N. where the ledge diverges to the NE. and NW. It is impossible to follow this line, I therefore offset as follows:
 East, 20.00 chs. from witness cor., then
 N.0°06'W., on offset line, 59.94 chs. (counted from true point for cor. of secs. 2,3,10 and 11); then
 West, 20.00 chs. to true random line at
- 59.94 Then south, 13.60 chs. on random line at
- 45.34 Impossible to reach true point for temp. $\frac{1}{2}$ sec. cor. on account of leuges. Set temp. $\frac{1}{2}$ sec. cor. at this point.
 Thence from my 59.94 chs. point on random line, continue
 ...0°06'W.
- 59.94 The line N. from this point crosses a box canyon across which I cannot chain. For triangulation see line bet.

Subdivision of T.22 S., R.10 E.

Courses

2 and 35, N. bdy. of this tp.)

Distance by triangulation = 13.46 chs. which added to 59.94 chs. gives

73.42 To N. point triangulation; thence by direct measurement

73.94 Intersect N. bdy. of the tp. 11 lks. E. of the cor. of secs. 2, 3, 34 and 35 heretofore described.

Thence

73.94' N. 80° E., on true line bet. secs. 2 and 3.

Descend over rough mountainous land sloping S., through dense scrub timber and scattering undergrowth.

6.34 Point of triangulation on N. brink of box canyon, bears E. and W.; begin descent over ledges.

11.00 Vale N. rim of box canyon, bears N. 80° E. and S. 80° W.; precipitous descent over ledges.

16.00 Bottom of canon, 200 ft. below sec. cor., drains W.; ascent abruptly over ledges.

17.00 Top of ledges and S. rim of canyon, bears E. and W.; thence over broken land sloping NW.

20.00 N. point of triangulation and point of offset.

24.00 Begin abrupt ascent N. slope mountain.

31.00 Base of high ledge wall, bears E. and W.; point for 1/2 section cor. falls on inaccessible ledges where cor. cannot be set, therefore at this point

set an iron post, 3 ft. long, 1 in. in dia., 2 1/2 in. in the ground for witness cor. to the 1/2 sec. cor., with brass cap marked



from which

A pinon, 10 ins. diam., bears S. 80° W., 50 lks. distant, marked W C 1/2 S 3 B T

A pinon, 10 ins. diam., bears S. 72° E., 99 lks. distant, marked W C 1/2 S 2 B T

Further progress on this line south is impossible, I therefore return to the 20.00 chs. point on true line and offset as follows:

Subdivision of T.22 S., R.10 E.

chains

East, 20.00 chs., then
 S.0°11'E., 75.88 chs. (counted from sec. cor.); then
 West, 20.00 chs. to true line at
 75.88 The witness cor. to the cor. of secs. 2,3,10 and 11.
 True point for cor. of secs. 2,3,10 and 11 is S.0°01'E.,
 4.06 chs. distant. Cor. point cannot be reached.
 Land, rough mountains; general NW. exposure and drainage
 on N. 34.00 chs. and E. exposure and drainage on re-
 mainder of mile.
 Soil, rocky and shallow clay; sandstone formation.
 Timber; scrub cedar and pinon.
 Undergrowth, scattering sage and service berry brush.

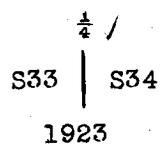
From the cor. of secs. 2,3,34 and 35 on the S. bdy. of
 the tp. which is an iron post, 2 ins. in dia., extending
 9 ins. above ground, firmly set and marked and witness-
 ed as described in the field notes of the survey of
 T.23 S., R.10 E.

N.0°02'W., bet. secs. 33 and 34.
 Over rolling land through scattering undergrowth.

10.43 Foot of sandstone ledge or ridge, brs. E. and W., to pass
 which I offset as follows:

West, 2.79 chs., then on offset line.
 N.0°02'W., 40.00 chs. (counted from sec. cor.); then
 East, 2.79 chs. to true line on which at

40.00 Set an iron post, .3 ft. long, .1 in. in dia., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 6 x 5 x 4 ins., marked (X) on one
 face at base of post.

Thence from $\frac{1}{4}$ sec. cor., N.0°02'W. on true line.

46.00 Small wash, drains E.; gradually ascend.

56.00 E. point of sandstone spur; descend.

61.20 Swale, drains E.; gradually ascend.

Subdivision of T.22 S., R.10 E.

- Chains
 64.00 E. point of sandstone spur.; gradually descend.
 66.50 Wash, 20 lks. wide, 10 ft. deep, in draw, drains E.
 72.60 Foot of sandstone ledge, bears NE. and W.; ascend over broken bench land through dense timber.
 73.60 Top of ledge, bears NE. and SW.; continue ascent.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and in a mound of stone for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T22S	R10E
S28	S27 ✓
S33	S34
1922	

from which

A pinon, 12 ins. diam., bears N. $74\frac{1}{2}^{\circ}$ E., 98 lks.

dist., marked T 22 S R 10 E S 27 B T

A pinon, 10 ins. diam., bears S. $16\frac{1}{2}^{\circ}$ E., 43 lks.

dist., marked T 22 S R 10 E S 34 B T

A pinon, 10 ins. diam., bears S. 25° W., 150 lks.

dist., marked T 22 S R 10 E S 33 B T

A pinon, 10 ins. diam., bears N. $75\frac{1}{2}^{\circ}$ W., 65 lks.

dist., marked T 22 S R 10 E S 28 B T

Land, rolling and broken bench; drains E.

Soil, deep sandy loam and sandstone surface rock.

Timber, scrub cedar and pinon.

Undergrowth shadscale, sagebrush and grass.

S. $89^{\circ} 59'$ E., on a random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.96 Intersect N. and S. line 7 lks. N. of the cor. of secs. 26, 27, 34 and 35. Thence

N. $89^{\circ} 56'$ W., on true line bet. secs. 27 and 34.

Over rolling land through scattering undergrowth.

39.50 Road Jack Ass Springs to Coal Wash, bears N. and S.

39.98 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$	S 27
S 34	
1922	

from which

A pinon, 18 ins. diam., bears N. $80\frac{1}{2}^{\circ}$ W., 313 lks.

dist., marked $\frac{1}{2}$ S 27 B T

Subdivision of T. 22 S., R. 10 E.

Chains

There being no bearing tree available for sec. 34,
deposit 2 white sandstones, 6 x 6 x 4 ins., marked
each
with an X at base of the monument.

- 54.90 S. point of sandstone spur,
- 63.40 Wash, 18 lks. wide, 3 ft. deep, drains SE.
- 65.20 Foot of sandstone ledge, bears SW. and NE.
- 65.60 Enter timber, bears N. and S.
- 69.10 Top of sandstone ledge, 80 ft. above wash, bears NE.
and SW.; thence over rough broken bench land.
- 77.25 Ridge, 30 ft. above ledge, bears NE. and SW.
- 79.96 The cor. for secs. 27, 28, 33 and 34.
Land, rolling desert and rough broken bench, drains SE.
Soil, clay sand, sandstone ledges and boulders.
Timber, cedar and pinon.
Undergrowth, buck brush, scattering sage and yellow
brush.
Scattering growth of grass.

N.0°02'W., bet. secs. 27 and 28.

Over rough broken mountain land, covered with dense
timber; asc. 30 ft.

- 4.00 Ridge, bears NE. and SE.; thence along W. slope, over
head of small swale, drains SW.
- 24.30 Ridge, bears N.80°W., and E.; thence gradual descent
along E. slope.
- 25.70 Leave timber, bears E. and W.
- 40.00 Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 \uparrow
 S 28 | S 27
 1922

from which

A cedar 18 ins. diam., bears N.7 $\frac{1}{2}$ °E., 448 lks.
dist., marked $\frac{1}{4}$ S 27 B T.

A cedar 12 ins. diam., bears S.83°W., 429 lks.
dist., marked $\frac{1}{4}$ S 28 B T..

Subdivision of T. 22 S., R. 10 E.

Chains
 44.50 Enter timber bears E. and W.
 44.80 Wash, in draw, 70 ft. below ridge, drains NE.
 50.00 Rocky spur, 15 ft. above wash, projects E.; gradual descent over N. slope.
 55.30 Leave timber, bears E. and W.
 60.90 Enter timber, bears E. and W.
 70.63 Head of canyon and rim rock, bears NW. and W.; set flag on line for use in triangulation.
 73.50 Rocky point in head of canyon, projects W.
 76.80 Head of canyon 50 ft. below point, drains W.
 80.00 Set iron post, 3 ft. long, 2 ins. diam., over X marked on solid sandstone bedrock, in large mound of stone, for the cor. of secs. 21, 22, 27 and 28, with brass cap marked

T22S R10E	
S21	S22

S28	S27
1922	

from which

A pinon 8 ins. diam., bears N.80°E., 81 lks. dist., marked T 22 S R 10 E S 22 B T.
 A pinon 8 ins. diam., bears S.36½°E., 80 lks. dist., marked T 22 S R 10 E S 27 B T.
 A pinon 8 ins. diam., bears S.44¾°W., 58 lks. dist., marked T 22 S R 10 E S 28 B T.
 A pinon 8 ins. diam., bears N.5½°W., 85 lks. dist., marked T 22 S R 10 E S 21 B T.

Land, rolling bench drains E.

Soil, clay, sand, sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, buck brush and scattering cat claw brush.

Scattering growth of grass.

S.89°56'E., on random line, bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 5 lks. S. of the cor. for

Subdivision of T. 22 S., R. 10 E.

Chains

secs. 22, 23, 26 and 27.

Thence

N.89°58'W., on true line, bet. secs. 22 and 27.

Over rough mountainous land, covered with medium undergrowth..

- 10.10 Small wash in bottom of hollow, 60 ft. below sec. cor., drains S.; ascend.
- 10.40 Enter timber bears N. and S.
- 11.40 Sandstone spur, 60 ft. above wash, projects SW. about 2 chs. distant; descend.
- 15.70 Wash, 10 lks. wide, 2 ft. deep, 40 ft. below spur, drains SE.; ascend.
- 23.60 Sandstone spur, 50 ft. above wash, projects S. approximately 3 chs.; descend.
- 26.30 Head of draw, 30 ft. below spur, drains SE.; ascend.
- 33.30 Sandstone spur, 60 ft. above draw, projects S. about 1.50 chs.; descend.
- 35.50 Draw, 60 ft. below spur, drains SE.; ascend.
- 39.10 Top of sandstone spur, 55 ft. above draw, projects SE.; descend.
- 39.98 Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 22 \\ \hline \text{S } 27 \\ 1922 \end{array}$$

from which

A pinon 10 ins. diam., bears N.41 $\frac{1}{2}$ °E., 84 lks. dist., marked $\frac{1}{4}$ S 22 B T.

A pinon 8 ins. diam., bears S.11°W., 94 lks. dist., marked $\frac{1}{4}$ S 27 B T.

- 41.40 Draw, 15 ft. below spur, drains SW.; ascend
- 42.80 Sandstone spur, 25 ft. above draw, projects S., about 1.50 chs. East bank of draw.
- 44.50 Draw, 40 ft. below spur, drains S.; ascend.
- 47.50 West bank of draw and sandstone ledges bears NW. and SE.

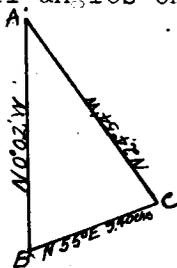
Subdivision of T. 22 S., R. 10 E.

Chains	
51.10	Spur, projects S.; descend.
52.90	Top of ledge and E. bank of draw, bears N. and S.
54.90	Enter draw, leave timber at foot of sandstone spur, bears N. and S.
57.10	Draw, 90 ft. below ledges, drains SE.
65.10	Enter timber, bears NE. and SW.
74.10	Top of ledge and E. brink of ridge, bears NE. and SW.
76.10	Road, from Jack Ass Spring to Coal Wash, bears N. and S.
76.70	Brush fence, bears E. and SW.
77.20	Ridge, bears N. and S.
79.96	The cor. for secs. 21, 22, 27 and 28. Land, rough and broken mountains, drains SE. Soil, clay, sand, sandstone ledges and boulders. Timber, cedar and pinon. Undergrowth, buck brush, and scattering cat claw and bitter brush. Scattering growth of grass.

N.0°02'E., bet. secs. 21 and 22.

Over rough broken mountainous land, covered with dense
timber. Along top of ledge and E. brink of head of
box canyon draining W.

5.00	Leave ledge bears W. and SW.; thence over bench.
22.20	S. brink of high ledge of box canyon head of Coal Wash, bears NE. and W., over which I am unable to chain, therefore I triangulate as follows: Set flag "A" on line on the north side of canyon, erect flag "B" at this point, erect flag "C", N.55°E., 9.40 chs. dist., from flag "C" flag "A" bears N.24°54' W., all bearing checked by direct reading of the solar and all angles checked by deflection:



Subdivision of T. 22 S., R. 10 E.

Chains
 38.
 27.
 32
 35.00
 34.50
 40.00
 44.00

Dist. on true line-----22.20

Dist. by triangulation----- 22.01

Dist. by return meas. ----- 44.21

.21

44.00

Approx. topography between points of triangulation.

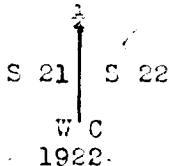
Canyon, 350 ft. below ledge, drains NW.

Canyon, drains SW., ascend 350 ft.

True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges.

N. brink of high ledge of box canyon bears NE. and W.

Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, in large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon 4 ins. diam., bears N.23 $^{\circ}$ E., 47 lks.

dist., marked B T. To scrubby for rest of marks.

A pinon 6 ins. diam., bears N.29 $^{\circ}$ W., 64 lks.

dist., marked WC $\frac{1}{4}$ S 21 B T.

Thence over sandstone bench.

44.21 Triangulation point.

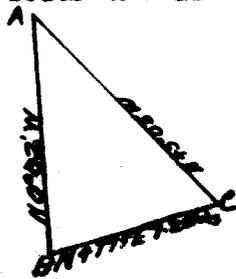
46.60 Top of ascent on bench, bears SW. and NE. Gradual descent.

52.16 S. brink of canyon and top of high sandstone ledge bears SW. and NE. Precipitous slopes makes chaining to the north impossible. I determine distance by triangulation as follows:

Set flag "A" on line N.0 $^{\circ}$ 02'W., erect flag "B" at this point, and measure base N.47 $^{\circ}$ 15'E., 7.20 chs.

dist. and erect flag "C". From flag "C", flag "A" bears N.43 $^{\circ}$ 03'W., all bearing checked by direct

reading of the solar and all angles checked by deflection:



Subdivision of T. 22 S., R. 10 E.

Chains

Dist. on true line-----	52.16
Dist. by triangulation-----	10.55
	<u>62.71</u>

Approx. topog. between triangulation points.

Desc. abruptly over sandstone ledges bears NE. and SW.

57.00 Bottom of box canyon, 140 ft. below sandstone ledges,
drains SW.; asc. over ledges.62.71 Triangulation point, Top of ledges and north brink of
canyon, 160 ft. above canyon, bears SW. and NE.64.00 Jack Ass and Coal Wash wagon road, bears E. and W., in
small gully, drains W.67.00 Ridge, 40 ft. above brink, bears E. and W. Descend N.
slope nearly solid sandstone.69.00 On N. slope, 70 ft. below ridge, on solid sandstone,
mark a X at the exact cor point, over which
Set iron post, 3 ft. long, 2 ins. in diam., in large
mound of stone, for the cor. of secs, 15, 16, 21 and
22, with brass cap marked

T22S	R10E
S16	S15
S21	S22
1922	

from which

A cedar 8 ins. diam., bears N.2°E., 141 lks. dist.
marked T 22 S R 10 E S 15 B T.A pinon 10 ins. diam., bears S.44½°E., 264 lks..
dist., marked T 22 S R 10 E S 22 B T.A pinon 10 ins. diam., bears S.20½°W., 278 lks.
dist., marked T 22SR 10 E S 21 B T.A pinon 8 ins. diam., bears N.10°W., 236 lks.
dist., marked T 22 S R 10 E S 16 B T.

Land rough broken mountains, general drainage W.

Soil, sandy and sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, black sage and bitter brush.

Fair grazing.

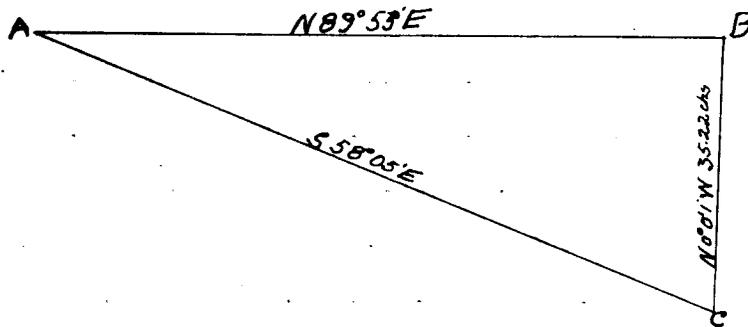
Subdivision of T. 22 S., R. 10 E.

Chains

S.89°58'E., on random line, bet. secs. 15 and 22.
and break of mountain

23.69

Precipitous ledges makes chaining to the E. of this point impracticable, I therefore determine the dist. by triangulation as follows: Erect flag "A" at a point 23 lks. S. of the 23.69 chs. point and flag "B" at the cor. of secs. 14, 15, 22 and 23, bears N.89°53'E. From flag "B" measure base line, S.0°01'E., 35.22 chs. dist. and erect flag "C". From flag "C" flag "A" bears N.58°05'W. All bearing checked by direct reading of the solar and all angles checked by deflection.



Dist. on line-----	23.69
Dist. by triangulation-----	56.85
	<u>80.04</u>
Dist. by return meas.-----	40.04
	<u>40.00</u>

40.00 Set temp. 1 sec. cor.

80.04 To point of triangulation at cor. of secs. 14, 15, 22 and 23.

The true bearing of this mile therefore is N.89°55'W.

Thence

N.89°55'W., on true line, bet. secs. 15 and 22.

Over rough mountainous land, covered with dense cedar and pinon.

.10 Top of ledge, 10 ft. high, bears N. and S.
1.90 Spur, projects N., descend.

10.30 Ravine, 120 ft. below spur, drains NW., asc.

15.80 Spur, 90 ft. above ravine, projects NW.; desc.

21.00 West fork of Mexican Wash, 85 ft. below spur, drains NE from SW.; asc.

40.02 Set iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, 8 ins. in mound of stone, for the 1/4 sec. cor.

Subdivision of T. 22 S., R. 10 E.

Chains

with brass cap marked

$$\frac{S\ 15}{\frac{1}{4}}$$

$$\frac{S\ 22}{1922}$$

from which

A pinon 10 ins. diam., bears S. $33\frac{3}{4}^{\circ}$ E., 112 lks. dist., marked $\frac{1}{4}$ S 22 B T.

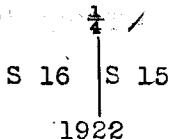
A pinon 6 ins. diam., bears N. 89° W., 95 lks. dist. marked $\frac{1}{4}$ S 15 B T.

- 40.04 Thence by triangulation.
- 56.35 A point 21 lks. N. of the point designated as "A".
On E. brink of bench and top of high ledges 600 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW. Ascend.
- 69.90 Ridge, bears N. and S. Gradual descent.
- 74.00 Head of draw, ^{Coal Wash} 40 ft. below ridge, drains N. Gradual asc.
- 77.70 Top of ascent, 10 ft. above draw, bears N. and S.; desc.
- 80.04 The cor. for secs. 15, 16, 21 and 22.
Land, rough and mountainous, general drainage NW.
Soil, sandy and sandstone ledges and boulders.
Timber, cedar and pinon.
Undergrowth, black sage and bitter brush.
Fair grazing.
-
- N. $0^{\circ}02'$ W., on true line, bet. secs. 15 and 16.
Over rough mountainous bench land covered with dense timber and scattering undergrowth. Desc.
- 11.40 Top of high sandstone ledges and brink of Coal Wash ledge, bears NW. and SE. Abrupt desc. over NE. slope of ledges and slide rock.
- 23.50 Coal Wash, 400 ft. below sec. cor., drains N. 5° W.; gradual ascent over E. side of wash.
- 27.30 Rocky point, 10 ft. above wash, projects W. 1 ch. dist.
- 29.70 Recross wash, drains N. 5° E., asc. along broken E. slope.
- 40.00 On E. slope of canyon, 20 ft. above wash.
Set iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in large mound of stone, for the $\frac{1}{4}$ sec. cor.

Subdivision of T. 22 S., R. 10 E.

chains

with brass cap marked



from which

A pinon 6 ins. diam., bears N.50°E., 51 lks. dist., marked $\frac{1}{4}$ S 15 B T.

A pinon 6 ins. diam., bears N.74°W., 42 lks. dist., marked $\frac{1}{4}$ S 16 B T.

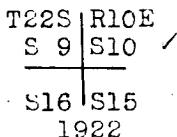
Continue gradual ascent.

47.60 Spur, 40 ft. above $\frac{1}{4}$ sec. cor., projects E. about 2 chs.

56.70 Recross wash, 40 ft. below spur, drains NW.; asc. over broken S. and SW. slopes.

69.20 Spur, 115 ft. above wash, projects W. about 5 chs. Desc.

80.00 Set iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in large mound of stone, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked



from which

A pinon 8 ins. diam., bears N.41 $\frac{1}{2}$ °E., 22 lks. dist., marked T 22 S R 10 E S 10 B T.

A pinon 10 ins. diam., bears N.10 $\frac{1}{2}$ °W., 55 lks. dist., marked T 22 S R 10 E S 9 B T.

A cedar 6 ins. diam., bears S.45 $\frac{1}{2}$ °E., 102 lks. dist., marked T 22 S R 10 E S 15 B T.

A cedar 6 ins. diam., bears S.60 $\frac{1}{4}$ °W., 167 lks. dist., marked T 22 S R 10 E S 16 B T.

Land, rough mountainous, general drainage NW.

Soil, sandy and sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, bitter brush.

Fair grazing.

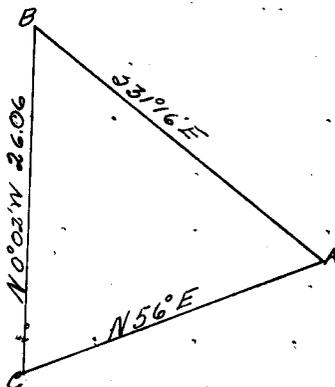
East on a random line bet. secs. 10 and 15

Subdivision of T. 22 S., R. 10 E.

Chains

The line to the E. passes over a high solid sandstone spur which is impossible to ascend. Therefore run as follows:

Set flag "A" N.56°E., from sec. cor., and measure base line, N.0°02'W., 26.06 chs. dist., and erect flag "B", erect flag C, at sec. cor., from flag "B" flag "A" bears S.31°16'E., All bearing checked by direct reading of the solar and all angles checked by deflection:



Dist. by triangulation----- 13.53chs.

11.22

Triangulation point 7.57 chs. N. of true line, on top high spur, projects NW., and N. point of sandstone vertical wall bears SE. about 1 chain. It is impossible to return to true line at this point, so proceed on offsets and traverses as follows:

Thence S.76°E., 23.81 chs. distance

Along precipitous NE. slope of mountain, to Gulch, 60 ft. below spur, drains NW. about 5 chs., thence W. into Coal Wash.

Thence S.76°E., 5.79 chs. dist.,

Thence South 40 lks., thence

East, 6 lks. to

40.00

By computed course and distance, East from the sec. cor., on on S. slope of spur, 110 ft. above gulch.

Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock, 22 ins. in large mound of stone, for the 1/4 sec. cor., with brass cap marked

Subdivision of T. 22 S., R. 10 E.

Chains

S 10 ✓
S 15
1922

from which

A pinon 8 ins. diam., bears S.80 $\frac{1}{2}$ °W., 40 lks.
dist., mkd. $\frac{1}{4}$ S 15 B T.

A pinon 10 ins. diam., bears N.57 $\frac{1}{4}$ °W., 147 lks.
dist., marked $\frac{1}{4}$ S 10 B T.

The line to the E. of this point passes over high
inaccessible ledges and points. I recheck distance of
the W. $\frac{1}{2}$ of this miles and discontinue it east of
the $\frac{1}{4}$ sec. cor.

Land, rough and broken mountain, general drainage NE.

Soil, sandy and sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, bitter brush.

Very scattering growth of grass.

From the cor. of secs. 9, 10, 15 and 16.

N.0°02'W., bet. secs. 9 and 10.

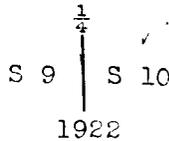
Over rough broken mountainous land in bottom of canyon
covered with dense timber. Desc.

- 4.60 Coal Wash, 25 ft. below sec. cor., drains NE. Asc.
- 10.05 Low point falls E. Desc.
- 12.70 Recross wash, drains NW. from SE.
- 16.10 Recross wash, drains NE. from SE. Abrupt asc. over sandstone ledges.
- 17.90 Spur, 40 ft. above wash, projects E. about 5 chs.
- 21.70 Gulch, 70 ft. below spur, drains E. about 5 chs. into Coal Wash. Asc. abruptly.
- 26.40 Foot of sandstone ledge about 50 ft. high, bears SW. and NE. about 50 lks., thence NW.
- 27.00 Top of sandstone point, 65 ft. above gulch, projects SE. Thence along rugged E. slope.
- 33.61 Base of ledge and sandstone point, projects E. Impossible to cross; return to 27.31 chains point and proceed by traverses and offsets as follows:

Subdivision of T. 22 S., R. 10 E.

Chains

- Thence N.20°30'E., 892 lks. dist., to
 35.66 Point 3.12 chs. E. of true line, on top of spur, project
 E. at base of high sandstone ledge which bears N.80°W
 and S.80°W.
 Thence N.35°W., 5.30 chs. dist., to
 Thence West, 8 lks. to
 40.00 On true line, on steep N. slope, 90 ft. below spur.
 Set iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, on solid rock, and 14 ins. in mound of stone,
 for the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A pinon 10 ins. diam., bears N.23°E., 249 lks.
 dist., marked $\frac{1}{4}$ S 10 B T.
 A pinon 8 ins. diam., bears N.77 $\frac{1}{2}$ °W., 120 lks.
 dist., marked $\frac{1}{4}$ S 9 B T.
 Continue steep descent.
 44.00 Descent becomes more gradual.
 54.50 Recross Coal Wash, 70 ft. below $\frac{1}{4}$ sec. cor. drains NW.
 from SE. Ascend.
 58.70 Rocky spur, 10 ft. above wash, projects W. about 2 chs.
 Desc. N. slope.
 59.30 Recross Coal Wash, NW. from SW., at this point wash of
 canyon from E. joins same. Asc.
 63.18 On S. slope of high sandstone point over which it is
 impracticable to chain, thence by offsets and traverses
 as follows:
 East, 1.25 chs. dist., thence
 N.30°30'E., 5.92 chs. dist., thence
 North, 8.02 chs. dist., thence
 West, 4.20 chs. dist., to
 70.00 On true line,
 Set iron post, 3 ft. long, 2 ins. diam., 8 ins. in the
 ground, to solid rock, and 20 ins. in mound of stone,

Subdivision of T.22 S., R.10 E.

Chains
D.M.

for the cor. of secs. 3, 4, 9 and 10, with brass cap marked

T22S	R10E
S4	S3
S9	S10
1922	

from which

- A pinon, 8 ins.diam., bears N.71 $\frac{1}{2}$ °E., 72 lks. dist., marked T 22 S R 10 E S 3 B T
- A pinon, 6 ins.diam., bears S.42 $\frac{1}{2}$ °E., 139 lks. dist., marked T 22 S R 10 E S 10 B T
- A large sandstone boulder, bears S.47 $\frac{1}{2}$ °W., 7 lks. dist., marked X B O S 9
- A large sandstone boulder, bears N.64 $\frac{1}{2}$ °W., 30 lks. dist., marked X B O S 4

Land, rough mountains; general NW. exposure and drainage.
 Soil, shallow red and brown clay and sandstone rock.
 Timber, scrub cedar and pinon.
 Undergrowth, scattering service berry and sagebrush.

East, on a random line bet. secs. 3 and 10.

5.52
40.00

The line E. crosses a high sandstone spur or point with vertical walls over which I am unable to chain; to pass ledges I offset as follows:

North, 15.35 chs., then on offset line,
 East, 40.00 chs., (counted from sec. cor.); then
 South, 15.35 chs. to true random line, on which at
 Set temp. sec. cor.

The line East from the sec. cor. follows along precipitous talus slope and strikes high ledge points projecting N., I therefore offset as follows:

North, 4.06 chs., then on offset line
 East, 39.90 chs., to

79.90

Intersect N. and S. line 5 lks. ^{S. of the} witness cor. to the cor. of secs. 2, 3, 10 and 11 which is 4.06 chs. N.0°01'W. of the true cor. point. True point for cor. on inaccessible ground.

Thence from witness cor.

Subdivision of T.22 S., R.10 E.

Chains	
	S.89°58'W., on true line and offset line bet. secs. 3 and along rugged N. slope.
1.40	Small depression and pass in solid sandstone ridge, bears N. and S.; descend abruptly over vertical sandstone ledge about 75 ft. high.
3.00	Thence along rugged N. slope crossing numerous unimportant spurs and gullies.
39.95	Offset S. 4.06 chs. to true line at
39.95	Set an sandstone, 20 x 12 x 10 ins., 6 ins. in the ground and in a mound of stone for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which <p style="margin-left: 40px;">A pinon, 6 ins. diam., bears N.78°E., 69 lks. dist., marked $\frac{1}{4}$ S 3 B T</p> <p style="margin-left: 40px;">A pinon, 6 ins. diam., bears S.45°W., 145 lks. dist., marked $\frac{1}{4}$ S 10 B T</p>
	Iron post not available for establishment of cor. Cor. stands on rugged N. slope of mountain.
	From $\frac{1}{4}$ sec. cor., offset North, 15.35 chs., then on offset line
	S.89°58'W. 34.43 chs. (noting topography on offset)
40.90	Wash, 30 ^{lks} /wide, 3 ^{ft} /deep, drains N.; ascend abruptly E. slope
50.80	Spur, 100 ft. above wash, at base of N. end of sandstone ledge about 200 ft. high, projects N.; descend.
56.80	Gully, 140 ft. below spur, drains NW.; ascend.
60.80	Spur, 40 ft. above gully, projects NW.; descend.
63.80	Draw, 70 ft. below spur, drains NW.; ascend.
66.90	Spur, 15 ft. above draw, projects NE. about 5 chs., then NW.; descend.
70.20	Draw, 30 ft. below spur, drains N.; ascend.
74.38	Offset S. 15.35 chs. to true line at Thence S.89°58'W., on true line. Ascend NE. slope on N. side of divide and low pass bet. Saddle Horse and Coal Wash Canyons.
79.90	The cor. of secs. 3, 4, 9 and 10. Land, rugged mountains; general N. exposure and drainage.

Subdivision of T.22 S., R.10 E.

chains

Soil, rocky of sandstone formation.
Timber, scrub cedar and pinon.
Undergrowth, scattering service berry brush and shadscale.

N.0°11'W., on a random line bet. secs. 3 and 4
The line N. strikes the E. slope of high sandstone ledges along which I cannot chain. To pass ledges, I offset as follows:

N.89°58'E 5.52 chs., then on offset line

N.0°11'W., 46.15 chs., then

S.89°58'W. 5.52 chs. to true random line at

46.15 Set temp. 1/4 sec. cor. Impossible to reach true cor. point on account of ledges

80.00 Intersect N. bdy. of the tp. 3 lks. W. of the cor. of secs. 3, 4, 33 and 34 heretofore described.

Thence

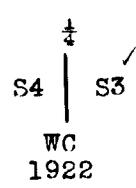
S.0°10'E., on true line bet. secs. 3 and 4.

Over rough mountainous land sloping to the NE., through dense timber and scattering undergrowth. Descend.

8.60 Wash, 15 lks. wide, 2 ft. deep, drains NE. about 7 chs. then N.; ascend broken NE. slope.

33.85 On NE. slope 75 ft. above wash. The true point for 1/4 sec. cor. will fall on inaccessible ledges where cor. cannot be set, therefore, at this point

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and in a mound of stone for witness cor. to the 1/4 sec. cor., with brass cap marked



from which

A pinon, 12 ins. diam., bears N.21 1/2° E., 44 lks. dist., marked W C 1/4 S 3 B T

A pinon, 14 ins. diam., bears N.18 1/2° E., 98 lks. dist., marked W C 1/4 S 4 B T

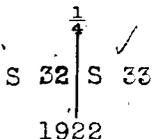
Subdivision of T.22 S., R.10 E.

Chains	
	Cor. stands at foot of vertical sandstone ledges, bears NW. and SE.
	Thence on offset line
	N.89°58'E 5.52 chs., then on
	S.0°10'E. 80.00 chs., (counted from sec. cor. and noting topography on offset line)
40.00	Point for $\frac{1}{4}$ sec. cor. is 5.52 chs. S.89°58'W. Cor. point cannot be reached.
47.80	Low spur, projects NE.; descend.
52.80	Draw, 35 ft. below spur, drains NE. about 10 chs., then N.; gradually ascend.
56.40	Low spur, projects NE.; descend.
61.30	Draw, 25 ft. below spur, drains NE. about 10 chs., then N.; gradually ascend over broken land sloping N. near bottom of draw draining N.
74.50	Draw, drains N.10°E.; ascend.
80.00	Offset S.89°58'W. 5.52 chs. to true line on which at
80.00	Intersect the cor. of secs. 3,4,9 and 10.
	Land, rough mountains; general N. exposure and drainage. Soil, deep, loose sand and sandstone rock. Timber, scrub cedar and pinon. Undergrowth, scattering service berry, sagebrush and shadscale. Fair grazing on portions of mile.
	From the cor. of secs. 4,5,32 and 33 on the S. bdy. of the tp., which is an iron post, 2 ins. in dia., firmly set in a large mound of stone and marked and witnessed as described in the field notes of the survey of T.23 S., R.10 E.
	N.0°03'W., bet. secs. 32 and 33.
	Over rough, broken sandstone bench land through dense timber and scattering undergrowth.
3.30	Ridge, 50 ft. above sec. cor., bears NE. and SW.; descend.
27.70	Draw, 125 ft. below ridge, drains NW.; ascend over S. slope.

Subdivision of T. 22 S., R. 10 E.

Chains
36.80
40.00

Spur, 30 ft. above draw, projects W.; descend
On NW. slope, 20 ft. below spur, on solid rock, mark
a X at the exact cor. point, over which
Set iron post, 3 ft. long, 1 in. diam., 28 ins. in a
large mound of stone, with brass cap marked
for $\frac{1}{4}$ sec. cor



from which

A pinon 10 ins. diam., bears $N.46\frac{1}{2}^{\circ}E.$, 148 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

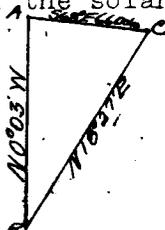
A pinon 10 ins. diam., bears $S.64\frac{1}{2}^{\circ}W.$, 126 lks.
dist., marked $\frac{1}{4}$ S 32 B T.

41.10 Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains SW. about 2 chs.,
thence W. ; gradually ascend.

51.40 Ridge, 140 ft. above draw, bears NE. and SW. A large
sandstone butte bears West about 3 chs. dist.; and
a large sandstone butte bears $N.80^{\circ}E.$, about 15 chs.
dist.,

59.14 Top of high ledge and S. brink of box canyon, 60 ft.
below ridge, bears NE. and SW., about 5 chs. , thence
NW. Precipitous slopes makes chaining to the north of
this point impracticable, determine distance by
triangulation as follows:

Set flag "A" $N.0^{\circ}05'W.$, on N. side of canyon, erect
"B" at this point, from flag "A" measure base line,
 $S.68^{\circ}E.$, 6.60 chs. dist., and erect flag "C", from flag
"C" flag "B" bears $S.18^{\circ}27'W.$ All bearing checked by
direct reading of the solar and all angles checked
by deflection:



Dist. on line, ----- 59.14
Dist. by triangulation ----- 20.76
79.90

Approx. topography between triangulation points.

Subdivision of T. 22 S., R. 10 E.

- Chains Desc. over high ledges.
- 68.00 Bottom of box canyon, 300 ft. below brink, drains NW.; asc.
- 76.70 North brink of box canyon, 300 ft. above bottom, bears NE. and SW. Thence over point of bench.
- 79.90 Triangulation point.
- 80.00 Set iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked

T22S	R10E
S29	S28
S32	S33
1922	

from which

A pinon 10 ins. diam., bears N. $62\frac{1}{2}^{\circ}$ E., 123 lks. dist., marked T 22 S R 10 E S 28 B T.

A pinon 10 ins. diam., bears S. $23\frac{1}{4}^{\circ}$ E., 150 lks. dist., marked T 22 S R 10 E S 33 B T.

A pinon 8 ins. diam., bears S. $61\frac{1}{4}^{\circ}$ W., 83 lks. dist. marked T 22 S R 10 E S 32 B T.

A pinon 8 ins. diam., bears N. 47° W., 128 lks. dist., marked T 22 S R 10 E S 29 B T.

Land, rough and broken mountains general drainage W.

Soil, clay and sandy loam, and sandstone ledges and boulder.

Timber, cedar and pinon.

Undergrowth, black sage and bitter brush.

Fair grazing.

- 40.00 S. $89^{\circ}59'$ E., on random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N. and S. line, 7 lks. S. of the cor. secs. 27, 28, 33 and 34. thence, S. $89^{\circ}58'$ W., on true line, bet. secs. 28 and 33. Over rough mountainous land, covered with dense growth timber and scattering undergrowth.

Subdivision of T. 22 S., R. 10 E.

Chains

15.10

Draw, 40 ft. below sec. cor., drains SW. about 8 chs. thence SE.; ascend

16.10

Low spur, 15 ft. above draw, projects SW. about 1 ch.

17.40

Draw, 5 ft. below spur, drains S. about 1 ch. into wash from NE. thence SW. about 8 chs. thence SE.; ascend.

40.07

On solid surface rock, 10 ft. above draw, marked a X at the exact corner point, over which Set iron post, 3 ft. long, 1 in. diam., 28 ins. in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 28 \\ \hline S\ 33 \\ 1922 \end{array}$$

from which

A pinon 12 ins. diam., bears N. 57 $\frac{1}{2}$ ° W., 52 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon 12 ins. diam., bears S. 19 $\frac{1}{2}$ ° W., 96 lks. dist., marked $\frac{1}{4}$ S 33 B T.

42.00

Top of ridge and divide of breaks into Sinbad to the E. and Coal Wash to the W., 25 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; descend

48.00

Head of draw, drains NW. Asc.

54.40

Spur, 40 ft. above draw, projects NW.; descend

59.40

Draw, 40 ft. below spur, drains NW. about 10 chs. thence joins one from the S.; ascend

63.20

Spur, 70 ft. above draw, projects N.; descend

68.00

Draw, 30 ft. below spur, drains N. about 15 chs. thence W.; ascend abruptly.

70.30

Ridge, 60 ft. above draw, bears NW. and SE.; descend

80.14

The cor. for secs. 28, 29, 32 and 33, 100 ft. below ridge.

Land, rough and broken mountains, general drainage NW.

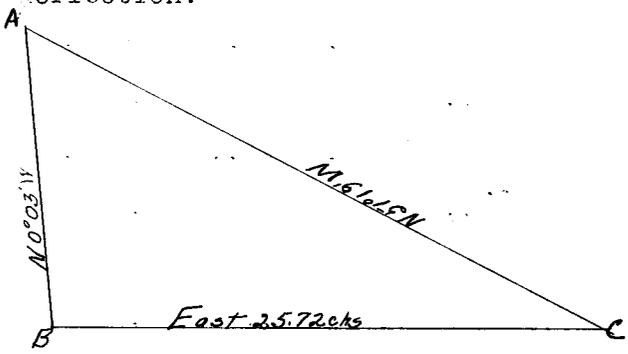
Soil, clay, sandy loam, sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, black sage and bitter brush.

Fair grazing.

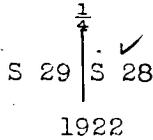
Subdivision of T. 22 S., R. 10 E.

Chains	
	N.0°03'W., bet. secs. 28 and 29.
	Over rough mountainous land, covered with timber and scattering undergrowth. Asc.
1.00	Rocky point projects W. 1 ch. then drops vertically 100 ft. then continues W. about 15 chs.
	The line to the N. crosses the head of box canyon which is impracticable to chain so determine distance by triangulation as follows:
	Erect flag "A" on line N.0°03'W., erect flag "B" at the sec. cor., and from flag "B" measure base line E. 25.72 chs. dist and erect flag "C"., from flag "C" flag "A" bears N.51°19'W., all bearings checked by direct reading of the solar and all angles checked by deflection:
	
	Dist. by triangulation-----20.61
	Apprx. topography bet. triangulation points.
	Desc. over ledges on NW. slope.
2.75	Vertical wall of box canyon, bears N.20°E., and W.
11.00	Bottom of canyon near head, 365 ft. below rocky point drains W. Asc. ledges and N. wall of canyon.
14.00	Top of ledges on N. side of canyon, bears W. and E. about 4 chs. then S. Continue to ascend.
20.61	To point of triangulation, on S. brink of ridge bears NE. and SW. Thence over top of ridge.
22.50	Ridge, 325 ft. above bottom of canyon, bears SE. and NW.
28.26	N. brink of ridge, bears NW. and SE. Desc. abruptly over ledges.
	Set flag for triangulation.
40.00	On broken slope, 170 ft. below brink.

Subdivision of T. 22 S., R. 10 E.

Chains

Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, 20 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

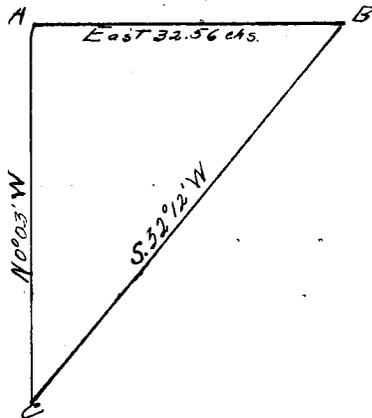
A pinon 10 ins. diam., bears S. $15\frac{3}{4}^{\circ}$ E., 157 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon 10 ins. diam., bears N. 79° W., 66 lks. dist., marked $\frac{1}{4}$ S 29 B T.

This cor. stands on W. side of top of box canyon.

44.00 The line to the N. crosses deep box canyon, vertical walls about 300 ft. high, which is impracticable to chain, determine distance by triangulation as follows:

Set flag "A" N. $0^{\circ}03'$ W., on N. side of canyon, impossible to secure suitable base at this point, from flag "A" measure base line, E. 32.56 chs. dist., and erect flag "B"., from flag "B" the flag at the 28.26 chs. point designated as "C"., bears S. $32^{\circ}12'$ W., all bearing checked by direct reading of the solar and all angles checked by deflection:



Dist. on line	-----	28.26
Dist. by triangulation	-----	51.63 ✓
		<u>79.89 ✓</u>

Approx. topography from the 44 ch. point.

52.00 Bottom of canyon 300 ft. below brink, drains N. 80° W.;

Asc. N. wall over ledges.

61.00 Top of ledges on N. wall of canyon bears N. 60° E., and W.

Subdivision of T. 22 S., R. 10 E.

- Chains
- Continue ascent over broken sandstone bench land.
- Point, 650 ft. above bottom of canyon, projects SE.
- To triangulation point.
- Set iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in a large mound of stone, for the cor. of secs. 20, 21, 28 and 29, with brass cap marked

T22S	R10E
S20	S21 ✓
S29	S28
1922	

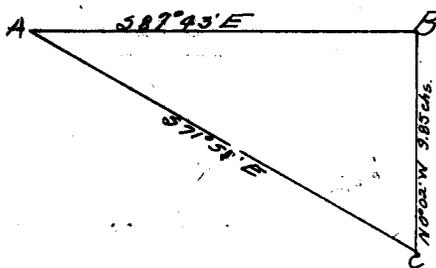
from which

- A pinon 10 ins. diam., bears N.23 $\frac{1}{4}$ °E., 367 lks. dist., marked T 22 S R 10 E S 21 B T.
- A pinon 6 ins. diam., bears S.34 $\frac{1}{2}$ °E., 68 lks. dist., marked T 22 S R 10 E S 28 B T.
- A pinon 6 ins. diam., bears S.40 $\frac{1}{4}$ °W., 32 lks. dist., marked T 22 S R 10 E S 29 B.T.
- A pinon 8 ins. diam., bears N.2°W., 239 lks. dist., marked T 22 S R 10 E S 20 B T.

Land, rough mountains, general drainage NW.
 Soil, clay, sand, and sandstone ledges and boulders.
 Timber, cedar and pinon.
 Undergrowth, black sage, bitter brush and bunch grass.

- N.89°58'E., on random line, bet. secs. 21 and 28.
- 40.00 Set. temp. $\frac{1}{4}$ sec. cor.
- 45.94 The line to the E. crosses a deep box canyon and it is impracticable to chain. Determine dist. by tria. as follows:
 Set flag "A" 1.92 chs. N. of the 45.94 chs. point, from flag "A" set flag "B" S.87°43'E., at a point 69 lks. N. of the cor. of secs. 21, 22, 27 and 28, from flag "B" measure base line, S.0°02'E., 9.85 chs. The line "AC" bears N.71°52'W. dist., and erect flag "C". All bearings checked by direct reading of the solar and all angles checked

chains



Dist. on line, ----- 45.94
 Dist. by tria. ---34.23 chs. S. 1.36 chs.----- E 24.20
 80.14

80.14

Point of triangulation, intersect N. and S. line, 69
 lks. N. of the cor. of secs. 21, 22, 27 and 28

Therefore the true course of this mile is N.89°55'W.

Thence

N.89°55'W., on true line, bet. secs. 21 and 28.

Over rough mountainous land, covered with timber and
 scattering undergrowth.

The line to the W. passes over precipitous slopes into
 box canyon. A small inaccessible pinnacle prevents
 projecting line.W. from the sec. cor., therefore

Offset. 69 lks. N. to triangulation point designated as
 "B", thence by triangulation N.87°43'W., 34.23 chs.

Approx. topography bet. triangulation points.on true line

1.00

Top of small sandstone pinnacle (cannot be climbed).
 Desc. precipitous ledges.

17.00

Bottom of box canyon, 615 ft. below sec. cor., drains
 NW. Asc. vertical ledges and precipitous talus slope.

33.00

W. brink of canyon, 600 ft. above bottom of canyon,
 bears NW. and SE.

34.20

To triangulation point; thence S. 1.92 chs. to true line
 Thence, N.89°55'W. on true line
 Over rough, broken bench land through scattering under-
 growth and dense timber.

40.07

Set iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, on solid rock, in large mound of stone, for
 the 1/4 sec. cor., with brass cap marked

Subdivision of T. 22 S., R. 10 E.

Chains

$$\frac{1}{4} \text{ S } 21 \checkmark$$

$$\text{S } 28$$

$$1922$$

from which

A pinon 10 ins. diam., bears N. $19\frac{1}{2}^{\circ}$ E., 81 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A pinon 8 ins. diam., bears S. $27\frac{1}{4}^{\circ}$ W., 117 lks. dist., marked $\frac{1}{4}$ S 28 B T.

- 47.60 Ridge, 15 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc.
- 51.70 Draw, 35 ft. below ridge, drains SW. Thence along rocky S. slope.
- 61.40 Rocky spur, 80 ft. above draw, projects SW.; descend.
- 65.40 Draw, 50 ft. below spur, drains SW.; ascend.
- 69.20 Spur, 50 ft. above draw, projects SW.; descend.
- 74.50 Draw, 50 ft. below spur, drains SW.; ascend.
- 76.50 Large sandstone dome, about 10 chs. in diam., and about 300 ft. high, bears N. about 11 chs. dist.
- 80.14 The cor. for secs. 20, 21, 28 and 29.
- Land, rough, broken and mountainous, general drainage W.
- Soil, sandy clay and sandstone ledges and boulders.
- Undergrowth, sage and bitter brush.
- Timber, cedar and pinon.
- Bair grazing.

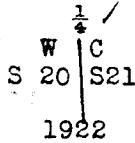
N. $0^{\circ}03'$ W., bet. secs. 20 and 21.

Over broken mountainous land, covered with dense timber and scattering undergrowth.

- 4.30 Ridge, 10 ft. above sec. cor., bears NE. and SW., the foot of a large sandstone dome bears N. $71\frac{3}{4}^{\circ}$ E., about 3.50 chs. dist.; descend along general NW. slope.
- 16.22 Set flag "A" for triangulation.
- 33.00 Brink of box canyon, 250 ft. below ridge, bears E. and W.
- The true point for the $\frac{1}{4}$ sec. cor., will fall on inaccessible ledges on slope of canyon, impossible to set cor. On surface rock mark a X, over which
- Set iron post, 3 ft. long, 1 in. diam., 28 ins. in large

Subdivision of T. 22 S., R. 10 E.

mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked



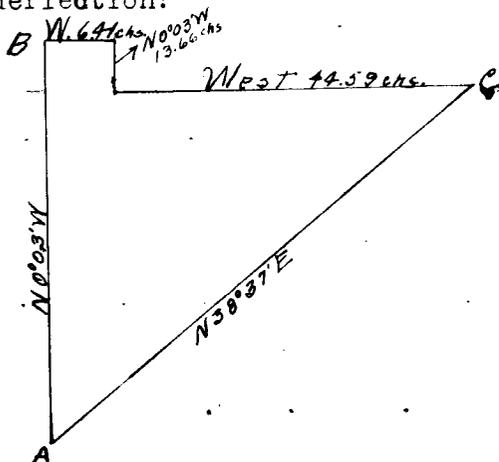
from which

A pinon 8 ins. diam., bears S.17°E., 140 lks. dist., marked $\frac{1}{4}$ W C S 21 B T.

A pinon 18 ins. diam., bears S.34 $\frac{1}{2}$ °W., 242 lks. dist., marked $\frac{1}{4}$ W C S 20 B T.

The line to the N. crosses two box canyons with precipitous slopes making chaining impracticable.

Set flag "B" N.0°03'W., on the N. side of canyon, return to flag "A" at the 16.22 chs. point; from flag "A" flag "C" which is 29.06 chs. West of the cor. for secs. 15, 16, 21 and 22, (for the setting of this flag see the line bet. secs. 16 and 21, bears N.38°37'E.; from flag "B" measure base line as follows: East, 6.41 chs., S.0°03'E., 13.66 chs. to a point West of flag "C", thence East, 44.59 chs. dist. to flag "C", from which flag "A" bears S.38°37'W. All bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on line----- 16.22

Dist. by triangulation----- $\frac{63.78}{80.00}$

Approx. topography from the 33 ch. point.

Descend precipitous ledges.

Subdivision of T. 22 S., R. 10 E.

Chains	
40.00	True point for the $\frac{1}{4}$ sec. cor., falls on precipitous ledges. No. cor. set.
44.00	Canyon, 430 ft. below WC $\frac{1}{4}$ sec. cor., drains NW. Asc. steep talus slopes and ledges.
52.00	Top of ledge, 300 ft. above canyon, bears NW. and SE. Thence across point projects NW.
54.00	Top of ledges and brink of Coal Wash, bears NW. and SE. desc. over ledges.
70.00	Bottom of canyon, 680 ft. below brink, drains W. Asc. over ledges.
77.00	Sharp pinnacle, 300 ft. above canyon, bears E. and W. Thence along precipitous W. slope.
80.00	True point for the cor. of secs. 16, 17, 20 and 21, fall on precipitous slope, impossible to set cor. The witness cor. to this cor. is set 6.41 chs. E. of true point on the line bet. secs. 16 and 21, for description of witness cor. see notes bet. secs. 16 and 21.
	<p>Land, rough and broken mountains, general drainage W.</p> <p>Soil, sandy clay, sandstone ledges and boulders.</p> <p>Timber, cedar and pinon.</p> <p>Undergrowth, black sage and bitter brush.</p> <p>Fair grazing.</p>
	<p>On account of the cor. for secs. 16, 17, 20 and 21, falling on inaccessible ledges and the rugged country I run from the cor. of secs. 15, 16, 21 and 22. West, on random line, bet. secs. 16 and 21.</p>
29.06	Set flag "C" for triangulation bet. secs. 20 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
73.65	<p>On account of inaccessible ledges and precipitous slopes it is impossible to proceed W. with the line. Offset as follows:</p> <p>N.0°03'W., 13.66 chs. dist. Thence</p> <p>St. on true line</p>

Subdivision of T. 22 S., R. 10 E.

West, on random line.

Flag "B" which is set N.0°03'W., 13.66 chs. dist. from the true position for secs. 16, 17, 20 and 21.

The true course for this mile is West.

Return to the cor. of secs. 15, 16, 21 and 22.

West on true line, bet. secs. 16 and 21.

Over rough mountainous bench land, covered with dense timber and scattering undergrowth. Desc.

8.80 Head of draw, 50 ft. below sec. cor., drains N. Asc.

13.00 Jack Ass and Coal Wash Road, bears SE. and NW.

26.10 Top of ascent on bench, 120 ft. above draw, bears NW. and SE. A knob bears S. about 3 chs. dist.

33.90 Head of small draw, 110 ft. below top of ascent, drains S.10°W.; ascend.

38.50 Spur, 10 ft. above draw, projects SW.; descend.

40.03 Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to solid rock, in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 16 /
 $\frac{1}{4}$ —————
 S 21
 1922

from which

A pinon 7 ins. diam., bears S.29°W., 128 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A pinon 8 ins. diam., bears N.50°W., 37 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Desc. general rocky and broken W. slope.

73.65 Brink of canyon, 120 ft. below $\frac{1}{4}$ sec. cor., bears N. and S. It is impossible to proceed West. At this point

Set iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid bedrock marked with a X, and in

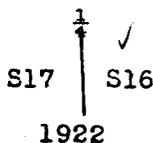
large mound of stone, for the witness cor. to the

cor. of secs. 16, 17, 20 and 21, with brass cap marked

T22S | R10E
 S17 | S16
 WC ————
 S20 | S21
 1922

Subdivision of T. 22 S., R. 10 E.

- Chains from which
- A pinon 9 ins. diam., bears N.52°E., 135 lks.
dist., marked W C T 22 S R 10 E S 16 B T.
- A pinon 6 ins. diam., bears S.32°E., 73 lks.
dist., marked W C T 22 S R 10 E S 21 B T.
- No other suitable bearing trees are available.
- Land, rough and broken mountains, general drainage SW.
- Soil, sandy clay, sandstone ledges and boulders.
- Timber, cedar and pinon.
- Undergrowth, bitter brush. Scattering bunch grass.
-
- N.0°03'W., between secs. 16 and 17.
From the witness cor. to the cor. of secs. 16, 17, 20
and 21, which is 641 chs. East of the true point.
Over rough mountainous bench land, covered with dense
timber and scattering undergrowth.
On offset line.
- N.0°03'W., 13.66 chs. dist. giving topography on offs
line.
- 1.60 Brink of canyon bears SW. and NE.
- 3.00 Bottom of canyon, 190 ft. below brink, drains SW.
- 8.00 E. brink of canyon, 190 ft. above bottom, bears N.20°W.,
and SE. Thence along brink of canyon.
- 10.50 Small bend in canyon wall bears S.10°W., and NE. about
75 lks. then NW.
- 13.00 Hence West, 6.41 chs. to true line.
- N.0°03'W., on true line.
- Note:
W. brink of canyon bears S. 1.50 chs. dist. and brs. E. and
- 24.20 Top of ridge, 115 ft. above brink of canyon, bears E. and
W. Desc. N. slope.
- 25.20 Head of draw, 120 ft. below ridge, drains W; ascend.
- 40.00 Set iron post, 3 ft. long, 1 in. diam., 4 ins. in the
ground, on solid rock, in large mound of stone,
for the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

-Subdivision of T. 22 S., R. 10 E.

Chains

A pinon 14 ins. diam., bears N.42 $\frac{1}{2}$ °E., 72 lks. dist., marked $\frac{1}{4}$ S 16 B T.

A pinon 10 ins. diam., bears N.39°W., 36 lks. dist., marked $\frac{1}{4}$ S 17 B T.

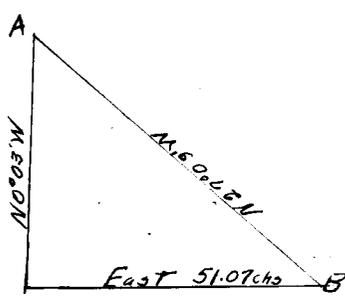
42.00 Spur, 20 ft. above draw, projects NW. Gradual desc. over N. slope.

57.38 Brink of box canyon, 95 ft. below spur, bears NW. and SE. Set flag.

Precipitous slopes, inaccessible ledges and box canyon makes chaining to the N. impracticable. Determine distance by triangulation as follows:

Set flag "A" on line to the N. Set flag "B" 51.07 chs.

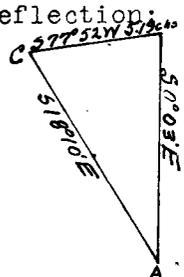
E. of the true cor. point for secs. 16, 17, 20 and 21. from flag "A" flag "B" bears S.27°09'E. All bearing checked by direct reading of the solar and all angles checked by deflection.



Dist. by triangulation----- 99.75chs.

99.75 To point of triangulation on N. side of canyon, impossible to chain to the South, so determine distance by triangulation as follows:

Set flag "A" on line S.0°03'E., in canyon, measure base line, S.77°52'W., 5.19 chs. dist. and erect flag "C", from flag "C" flag "A" bears S.18°10'E. All bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on line----- 99.75
 Dist. by triangulation (return measurement)----- 16.60
 ----- 83.15

Subdivision of T. 22 S., R. 10 E.

Chains
 Approx. topography given from the 57.38 chs. point.
 Desc. precipitous slope of the canyon.
 68.00 Bottom of canyon, 400 ft. below brink, drains NW. Asc.
 vertical ledges and wall of canyon.
 78.00 Rock ledge point or sharp spur, 380 ft. above bottom,
 of canyon, projects NW. impossible to climb. Desc.
 ledge wall.
 80.00 On ledge wall of canyon, true point for the cor. of secs
 8, 9, 16 and 17, impossible to set cor.
 83.15 Triangulation point.
 Set iron post 3 ft. long, 2 ins. diam., 18 ins. in the
 ground, on solid rock, 10 ins. in large mound of stone
 for the witness cor. to cor. of secs. 8, 9, 16 and 17
 with brass cap marked

T22S R10E	
S 8	S 9 ✓
S17	S16
W C	
1922	

from which

A pinon 8 ins. diam., bears N.73°E., 75 lks.
 dist., marked W C T 22 S R 10 E S 9 B T.

A pinon 4 ins. diam., bears S.59°E., 131 lks.
 dist., marked W C B T. to scrubby for other mar

A pinon 8 ins. diam., bears S.48°W., 32 lks.
 dist., marked W C T 22 S R 10 E S 17 B T.

A pinon 10 ins. diam., bears N. 48°W., 109 lks.
 dist., marked W C T 22 S R 10 E S 8 B T.

Land, very rough and broken, general drainage W.
 Soil, clay and sand, sandstone ledges and boulders.
 Timber, cedar and pinon.
 Undergrowth, bitter brush. Scattering bunch grass.

On account of the true cor. point for the cor. of secs.
 8, 9, 16 and 17 falling on inaccessible ledges and
 precipitous slopes. I commence at the cor. of secs.
 9, 10, 15 and 16.

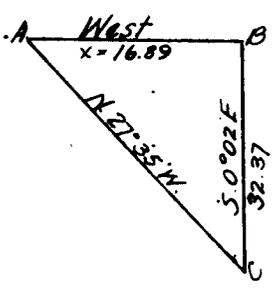
Subdivision of T.22 S., R.10 E.

Chains

West, on a random line bet. secs. 9 and 16.

The line west ascends ledge wall of canyon, up which I cannot chain, I therefore determine the distance to top of ledges by triangulation as follows:

Set flag "A" on line west; designate the cor. of secs. 9, 10, 15 and 16 point "B" and then measure base line "BC" S.0°02'E., 32.37 chs. The line "CA" bears N.27°35'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation 16.89 chs.

16.89 To point of triangulation.

38.00 The line W. follows along precipitous breaks and across box canyon along which I cannot chain. The point for the temp. sec. cor. also falls in breaks and cannot be set, therefore at this point,

Set temp. sec. cor.

Then on offset line

North, 21.54 chs., then on offset line

West, 42.04 chs., or at

80.04 Intersect the line bet. secs. 8 and 9 at a point N.0° 03'W., 21.45 chs. distant from the true cor. point of secs. 8, 9, 16 and 17.

The true bearing of this mile is therefore N.89°56'W. and the distance is 80.04 chs.

Thence from the cor. of secs. 9, 10, 15 and 16.

N.89°56'W., on true line bet. secs. 9 and 16.

Over rugged mountainous land through dense timber and scattering undergrowth. Descend.

Note: Distance determined by triangulation and the approximate topography is given bet. triangulation points.

Subdivision of T.22 S., R.10 E.

Chains	
1.00	Bottom of Coal Wash, 30 ft. below sec. cor. drains N.; precipitous ascent of 450 ft. over rugged E. slope of canyon.
16.89	Point on triangulation on top of ledge and brink of canyon, bears N. and S.; thence over mountain top broken by sandstone outcroppings.
18.30	Road, Jack Ass to Coal Wash, bears N. and S.
24.00	Begin descent over W. slope.
29.05	Ledge, 50 ft. high, bears N. and S.
31.85	Draw, 115 ft. below 24.00 chs. point, drains S.; thence over broken ground.
38.00	True point for $\frac{1}{4}$ sec. cor. will fall on inaccessible ground and cor. point cannot be reached, therefore at this point,
	On white sandstone surface rock, marked a cross (X) at exact point for witness cor. and chisel WC $\frac{1}{4}$ to the W. of cross; from which
	A pinon, 8 ins. diam., bears N. $30\frac{1}{2}^{\circ}$ E., 131 lks. dist., marked WC $\frac{1}{4}$ S 9 B T
	A pinon, 10 ins. diam., bears S. $57\frac{3}{4}^{\circ}$ E., 165 lks dist., marked WC $\frac{1}{4}$ S 16 B T
	Cor. stands on top of ledge and brink of box canyon, bears N. 20° W. and SW.
	Note: Iron post was not available for establishment of the cor.
	Thence on offset line.
	North, 21.54 chs.; then
	N. $89^{\circ}56'$ W., 42.04 chs.; along broken sandstone bench on N. side of breaks of box canyon to
80.04	To point on line bet. secs. 8 and 9, N. $0^{\circ}03'$ W., 21.54 chs. distant from the true cor. point of secs. 8, 9, 16 and 17. True point cannot be reached.
	Land, rough mountains and broken benches cut by deep box canyons; general N. exposure and drainage.
	Soil, chiefly sandstone surface rock and some red and brown clay.

Subdivision of T.22 S., R.10 E.

Main

Timber, cedar and pinon.

Undergrowth, scattering service berry and shadscale.

N.0°03'W., bet. secs. 8 and 9, counting distances from true cor. point. of secs. 8, 9, 16 and 17.

Over rugged mountainous land. Descend ledges on N. slope of box canyon.

3.15 Base of ledges about 250 ft. below cor. point, bears NW. and SE. The witness cor. to the cor. of secs. 8, 9, 16 and 17.

Thence by triangulation to the 19.75 chs. point (see line bet. secs. 16 and 17) and noting approximate topography.

5.00 Bottom of canyon, 60 ft. below witness cor., drains NW.; ascend precipitous W. and SW. slopes over ledges and boulders.

19.75 To point of triangulation as determined on the line bet. secs. 16 and 17 and top of ledges and N. brink of canyon, 400 ft. above bottom, bears E. and S.80°W.; thence over broken bench land through dense timber and scattering undergrowth. Gradually ascend.

29.75 Ridge, 50 ft. above brink of canyon, bears N.80°W. and S.80°E.; gradually descend N. slope. A small sagebrush opening just E. of line.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S8 | S9
 1922

from which

A pinon, 6 ins. diam., bears N.53°E., 40 lks.

A dist., marked $\frac{1}{2}$ S 9 B T

A pinon, 12 ins. diam., bears S.65 $\frac{1}{2}$ °W., 79 lks.

dist., marked $\frac{1}{2}$ S 8 B T

47.65 Box canyon, near head, 85 ft. below $\frac{1}{4}$ sec. cor., drains W.; gradually ascend S. slope.

49.50 Road, Jack Ass Springs to Coal Wash, bears NW. and SE.

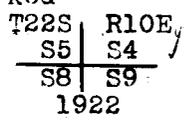
Subdivision of T.22 S., R.10 E.

Chains

59.00 Ridge, 50 ft. above canyon, bears NW. and SE.; descend broken N. slope 170 ft. to

80.00 On solid sandstone surface rock; mark X for cor. point, and over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in a large mound of stone for cor. of secs. 4, 5, 8 and 9, with brass cap marked



from which

A pinon, 8 ins.diam., bears N.43 $\frac{3}{4}$ °E., 108 lks. dist., marked T 22 S R 10 E S 4 B T

A pinon, 6 ins.diam., bears S.44 $\frac{1}{2}$ °E., 20 lks. dist., marked T 22 S R 10 E S 9 B T

A pinon, 8 ins.diam., bears S.44 $\frac{1}{2}$ °W., 49 lks. dist., marked T 22 S R 10 E S 8 B T

A pinon, 8 ins.diam., bears N.44 $\frac{1}{8}$ °W., 138 lks. dist., marked T 22 S R 10 E S 5 B T

Land, rough, broken bench land cut by deep box canyons; general NW. exposure and drainage.

Soil, chiefly solid sandstone surface rock and shallow brown clay.

Timber, scrub cedar and pinon.

Undergrowth, scattering shadscale and sagebrush.

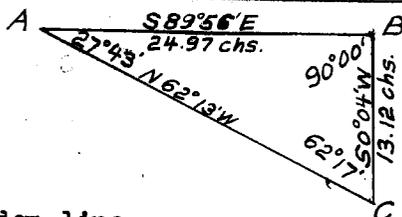
S.89°56' W., on a random line bet. secs. 4 and 9.

29.64 Top of high ledge and brink of Coal Wash Canyon, down which I cannot chain; to determine the distance into canyon, I triangulate as follows:

Set flag "B" on line in canyon and erect flag "A" at this point; then from flag "B" measure a base line S.0°04' W. 13.12 chs. to a point where flag "A" bears N.62°13' W.;

All bearings taken by direct reading of the solar and angles are checked by deflection

Subdivision of T. 22 S., R. 10 E.



Distance on random line-----=29.64 chs.
 Distance by triangulation-----=24.97 "
 Total distance on random line-----=54.61 "
 Distance N.89°56'W. from flag "B" by return
 measurement-----=14.61 "
 40.00 "

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

The line run S.89°56'E. from the 54.61 chs. point strikes a high ledge wall on the N. side of Coal Wash Canyon, and also passes over high ledges and pinnacles, making chaining impracticable; therefore I offset as follows:

From the 54.61 chs. point,

S.0°02'E. 13.12 chs.; then on offset line:

S.89°56'E. 25.41 chs. to

80.02 Intersect the true line bet. secs. 9 and 10, 12 lks. N.0°02'W. of the offset point heretofore established at the 66.88 chs. point, or 13.00 chs. S.0°02'E. of the cor. of secs. 3, 4, 9 and 10.

Therefore, the bearing of the line bet. secs. 4 and 9 is N.89°51'W.

High ledges on the breaks of canyon make it impracticable to project a line N.89°51'W. from the cor. of secs. 3, 4, 9 and 10; therefore, from the point of offset at the 66.88 chs. point bet. secs. 9 and 10,

Over rugged mountainous land, through scattering timber and undergrowth.

N.89°51'W. 25.41 chs. on the offset line; then

N.0°02'W. 13.12 chs. to true line, and point "B".

25.40 Bottom of Coal Wash Canyon.

Thence, by direct measurement across bottom of canyon.

34.00 Coal Wash, 75 lks. wide, 4 ft. deep, drains NW.; asc. gradually 15 ft. to

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 22 S., R. 10 E.

Chains

	S 4	✓
$\frac{1}{4}$	<hr/>	
	S 9	
	1922	

from which,

A pinon, 12 ins. diam., bears N.44 $\frac{1}{2}$ °W., 170 lks.

dist., marked $\frac{1}{4}$ S 4 B T.

A cedar, 10 ins. diam., bears S.13 $\frac{1}{4}$ °W., 162 lks.

dist., marked $\frac{1}{4}$ S 9 B T.

43.00 Base of high sandstone ledge and W. side of bottom of Coal Wash Canyon, bears N. and S.

50.38 Point "A" of triangulation, on top of ledge and brink of Coal Wash Canyon, 400 ft. above bottom, bears N. and S.; thence over rough and rocky bench land, through heavy timber and scattering undergrowth.

62.30 Rocky spur, 50 ft. above brink of canyon, projects N.; desc.

75.50 Gulch, 80 ft. below spur, drains N.; asc. abruptly over E. slope.

78.40 Spur, projects N.; desc.

79.60 Head of gulch; 15 ft. below spur, drains N.; asc.

80.02 The cor. of secs. 4, 5, 8 and 9.

Land, rough, broken bench land, and nearly level canyon bottoms and rugged breaks of canyons; general NW. exposure and drainage.

Soil, rich, deep sandy loam in canyons; red and brown clay mixed with sandstone rocks, on benches and breaks of canyon. Bedrock close to surface.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, shadscale and bitter brush.

Fair grazing of grass on portions of mile.

Formation, sandstone.

Subdivision of T. 22 S., R. 10 E.

Chains

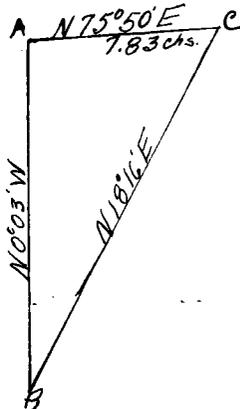
From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of T., which is an iron post, 2 ins. diam., 24 ins. in a mound of stone, properly marked and witnessed by two bearing trees.

N.0°03'W., bet. secs. 31 and 32.

Over rough broken mountainous ^{bench} land, thru scattering timber and undergrowth.

5.54 Top of ledge and S. brink of box canyon bears E. and W. Precipitous slopes and inaccessible ledges makes chaining to the N. impracticable. Determine dist. by triangulation as follows:

Set flag "A" on line on N. side of canyon, erect flag "B" at this point. From flag "A" measure base line N.75°50'E., 7.83 chs. dist. and erect flag "C", from flag "C" flag "B" bears S.18°16'W.; all bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on line -----	5.54
Dist. by triangulation -----	21.03 ✓
	<hr/> 26.57

Approx. topography bet. triangulation points.

Desc. precipitous NW. slope into box canyon.

21.00 Bottom of box canyon, 200 ft. below brink of canyon, drains S.30°W. Ascend over ledges.

26.57 To triangulation point, on N. brink of canyon, 200 ft. above bottom of canyon, bears E. and W.

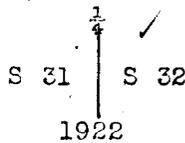
34.60 Spur, 20 ft. above brink of canyon, projects SW.; desc.

40.00 Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, 20 ins. in large mound of

Subdivision of T. 22 S., R. 10 E.

Chains

stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon 12 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ E., 55 lks. dist., marked $\frac{1}{4}$ S 32 B T.

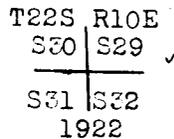
A pinon 10 ins. diam., bears N. 30° W., 47 lks. dist., marked $\frac{1}{4}$ S 31 B T.

56.10 Draw, 20 ft. below spur, drains SW. Ascend gradual slope.

67.90 Ridge, divide bet. Eagle Canyon and Coal Wash, 70 ft. above draw, bears NE. and SW.

77.15 Brink of ridge, bears S. 80° E., and N. 80° W. Descend.

80.00 Set iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, 22 ins. in a large mound of stone, for the cor. of secs. 29, 30, 31 and 32, with brass cap marked



from which

A pinon 10 ins. diam., bears N. 11° E., 80 lks. dist., marked T 22 S R 10 E S 29 B T.

A pinon 10 ins. diam., bears S. 57° E., 99 lks. dist., marked T 22 S R 10 E S 32 B T.

A pinon 10 ins. diam., bears S. $79\frac{1}{2}^{\circ}$ W., 49 lks. dist., marked T 22 S R 10 E S 31 B T.

A pinon 8 ins. diam., bears N. $82\frac{1}{2}^{\circ}$ W., 90 lks. dist., marked T 22 S R 10 E S 30 B T.

Land, rough, broken and mountainous, general drainage SW.

Soil, sandy clay, sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, bitter brush. Scattering bunch grass.

Subdivision of T. 22 S., R. 10 E.

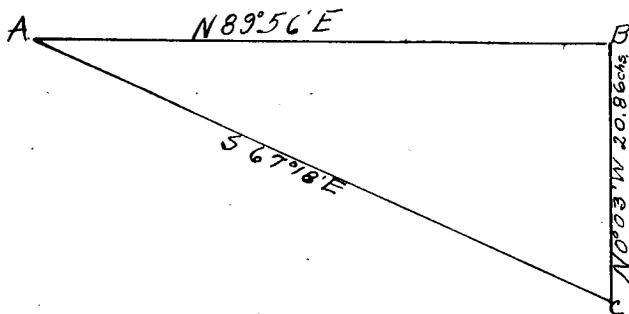
Chains
30.61
31.75

S.89°59'E. random line bet. secs. 29 and 32.

Set flag for future reference

The true point for the temp. $\frac{1}{4}$ sec. cor., will fall in the bottom of a inaccessible canyon, which is impossible to reach. Set temp. $\frac{1}{4}$ sec. cor. at this point.

Inaccessible ledges and precipitous slopes makes chaining to the East impossible. I return to the 30.61 ch. point, and erect flag "A", from flag "A" flag "B" previously set at the cor. of secs. 28, 29, 32 and 33, bears N.89°56'E. From flag "B" measure a base line S.0°03'E., 20.86 chs. dist., and erect flag "C", from flag "C" flag "A" bears N.67°18'W. All bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on line-----30.61

Dist. by triangulation-----49.71
80.32

80.32

The true bearing of the line bet. secs. 29 and 32 is S.89°59'W.

Thence

S.89°59'W., on true line bet. secs. 29 and 32.

Over rough mountainous land, inaccessible ledges and and box canyons with precipitous slopes, covered with dense timber and scattering undergrowth.

Dist. by triangulation giving approx. topography.

Desc. over ledges on point of spur.

20.30

Canyon, 400 ft. below sec. cor., drains NW. about 5 chs. and joins with one from the E. Ascend.

34.30

Point of rock ledge, 200 ft. above canyon projects N.

Subdivision of T. 22 S., R. 10 E.

- Chains
 39.00 Canyon, 200 ft. below rock point, drains N. Asc. over ledges.
- 40.16 No cor. set.
- 47.00 Top of rock wall and W. side of box canyon, 600 ft. above canyon, bears N. and S.
- 48.57 Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, in a large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S 29 W C.
 S 32
 1922
- from which
- A pinon 10 in diam., bears N.59°W., 47 lks. dist., marked W C $\frac{1}{4}$ S 29 B T.
- A pinon 8 ins. diam., bears S.57 $\frac{3}{4}$ °W., 47 lks. dist., marked W C $\frac{1}{4}$ S 32 B T.
- 49.71 To point of triangulation.
- 54.50 Point of spur, 30 ft. above witness cor., projects NW.
- 66.80 Draw, 90 ft below spur, drains NW.
- 80.32 The cor. for secs. 29, 30, 31 and 32, 80 ft. above draw.
-
- Land, rough, broken and mountainous, general drainage NW
- Soil, sandy clay, sandstone ledges and boulders.
- Timber, cedar and pinon.
- Undergrowth, bitter brush. Scattering bunch grass.
-
- N.89°59'W., on random line bet. secs. 30 and 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.15 Intersect the W. bdy. 3 lks. N. of the cor. for secs. 25, 30, 31 and 36.
- Thence
- East on true line bet. secs. 30 and 31.
- Over rough, broken and mountainous land, covered with dense timber and scattering undergrowth.
- 14.70 Ridge and divide between Eagle Canyon and Coal Wash,

Subdivision of T.22 S., R.10 E.

about level with sec. cor., bears NW. and SE.; thence
along N. slope of ridge.

52.40 Begin gradual descent.

55.15 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and in a large mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

S 30

S 31
1922

from which

A pinon, 16 ins. diam., bears N.35°E., 83 lks.

dist., marked $\frac{1}{4}$ S 30 B T

A pinon, 10 ins. diam., bears S.58°E., 101 lks.

dist., marked $\frac{1}{4}$ S 31 B T

Cor. stands on broad, rolling top of ridge divide bet.

Eagle and Coal Wash Canyons, bears E. and W.

gradually descend along N. slope.

50.80 Draw, 15 ft. below ridge, drains NW.; gradually ascend.

57.90 Spur, 30 ft. above draw, projects NW.; descend.

59.40 Draw, 15 ft. below spur, drains N; gradually ascend.

66.60 Spur, 90 ft. above draw, projects NW.; thence along
broken N. slope.

70.00 Draw, 70 ft. below spur, drains NW.

78.15 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken mountainous bench land; general
N. and S. exposure and drainage from divide bet. Eagle
and Coal Wash Canyons.

Soil, shallow sandy loam and rocky of sandstone formation.

Considerable amount of sandstone outcrops.

Timber, cedar and pinon.

Undergrowth, scattering bitter brush sagebrush and grass.

N.0°03'W., bet. secs. 29 and 30.

Over rough, broken mountainous bench land through dense
timber and scattering undergrowth. Descend over N.

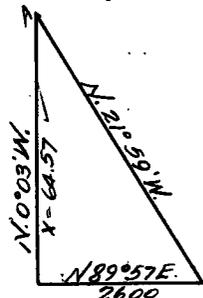
Subdivision of T.22 S., R.10 E.

Chains

slope to brink of canyon.

10.00

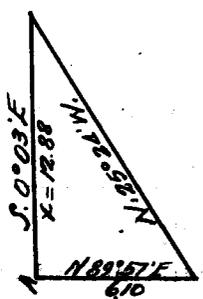
Top of high vertical sandstone ledge and brink of box canyon, bears E. about 2 chs. then N. and W.; the line N. follows along the E. break of canyon for about 30.00 chs. where ledge projects W. about 2 chs. dist. and then descends abruptly over another series of ledge into canyon which comes from the E. To determine the distance to the N. I set flag "A" on line on N. side of canyons and then return to the cor. of secs. 29, 30, 31 and 32 and measure a base line N.89°57'E., 26.00 chs. distant to point whence flag "A" bears N.21°59'W. All bearings are taken by direct reading of the solar and angles are checked by deflection.



Distance by triangulation 64.57 chs.
 Distance by return measurement 1.42 chs.

63.15

From this point the line to the S. descends into box canyon over high ledges which cannot be chained, I therefore triangulate return measurement as follows: set flag "A" in bottom of canyon and erect flag "B" at this point, then from flag "A" measure base line AC N.89°57'E., 6.10 chs. The line "CB" bears N.25°24'W. All bearings are taken by direct reading of the solar and angles are checked by deflection.

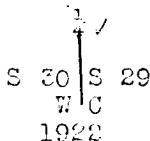


Subdivision of T. 22 S., R. 10 E.

Dist. on line-----	63.15
Dist. by triangulation-----	12.88
	<hr/>
	50.27
Dist. by return measurement-----	8.00
	<hr/>
	42.27

48.27

It is impossible to return to the 40. ch. point, so at this point, at the base of high sandstone ledge, point of ledges about 150 ft. high, projects W. 1 ch. Set iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to solid rock, in a large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon 6 ins. diam., bears S. 65° E., 50 lks. dist., marked W C $\frac{1}{4}$ S 29 B T.

A pinon 6 ins. diam., bears N. 39° W., 57 lks. dist., marked W C $\frac{1}{4}$ S 30 B T.

Continue steep descent over N. slope.

50.27

Triangulation point, 170 ft. below witness cor. Approx. topography bet. triangulation points.

51.00

Bottom of large canyon, 900 ft. below sec. cor., drains NW. Ascend.

56.00

Point projects SW.

58.00

Ravine, drains SW. Ascend precipitous talus slopes and wall of canyon.

63.15

Point of triangulation. 460 ft. above canyon, on ledge point.

64.57

Point of triangulation , on N. brink of canyon and top high sandstone ledges bears NE. about 10 chs. Thence SE. and W.

Thence over broken mountain top thru dense timber and undergrowth along E. brink of canyon.

80.00

Set iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, on solid rock, in a large mound of stone, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked

80.00

82.00

82.00

Subdivision of T. 22 S., R. 10 E.

Chains

T22S	R10E
S19	S20 ✓
S30	S29
1922	

from which

A pinon 10 ins. diam., bears N.48 $\frac{1}{2}$ °E., 55 lks. dist., marked T 22 S R 10 E S 20 B T.

A pinon 8 ins. diam., bears S.4°E., 85 lks. dist., marked T 22 S R 10 E S 29 B T.

A pinon 6 ins. diam., bears S.34 $\frac{1}{2}$ °W., 16 lks. dist., marked T 22 S R 10 E S 30 B T.

A pinon 10 ins. diam., bears N.58 $\frac{1}{2}$ °W., 152 lks. dist., marked T 22 S R 10 E S 19 B T.

Land, rough and broken mountains. General drainage NW.

Soil, sandy clay, sandstone ledges and boulders.

Timber, cedar and pinon.

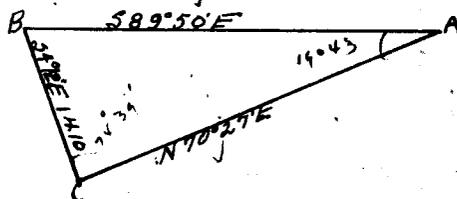
Undergrowth, black sage, bitter brush and bunch grass.

N.89°59'E., on random line bet. secs. 20 and 29.

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

40.04 On account of box canyon with precipitous slopes it is impracticable to chain to the E. Determine the dist. by triangulation as follows:

A flag on the cor. of secs. 20, 21, 28 and 29, designated as "A" bears S.89°50'E., erect flag "B" at this point and measure base line S.4°12'E., 14.10 chs. dist., and erect flag "C". From flag "C" flag "A" bears N.70°27'E. all bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on random line-----	40.08
Dist. by triangulation-----	40.30
	80.34

80.34 The true bearing of this miles is N.89°56'W.

Subdivision of T. 22 S., R. 10 E.

Chains

- Thence
 N. 89° 56' W., on true line bet. secs. 20 and 29.
 Over rough broken sandstone bench, covered with timber
 and scattering undergrowth.
 Dist. determine by triangulation. Approx. topography
 given bet. triangulation points.
 Desc. along S. and SW. slopes.
- 26.00 E. brink of canyon, bears NW. and SE. Desc. sandstone
 ledges.
- 30.00 Bottom of canyon, drains NW. about 500 ft. deep. Abrupt
 ascent over ledges.
- 40.00 W. brink of canyon, and top of ledges, bears NW. and SE.
 Thence over broken bench land.
- 40.17 Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, to solid rock, in a large mound of stone,
 for the $\frac{1}{4}$ sec. cor., with brass cap marked
- | | | |
|---------------|------|---|
| $\frac{1}{4}$ | S 20 | / |
| | S 29 | |
| | 1922 | |
- from which
- A pinon 12 ins. diam., bears N. 61° W., 61 lks.
 dist., marked $\frac{1}{4}$ S. 20 B T.
- A pinon 6 ins. diam., bears S. 27 $\frac{1}{2}$ ° W., 75 lks.
 dist., marked $\frac{1}{4}$ S 29 B T.
- 50.30 To. point of triangulation
 43.40 Draw, 15 ft. below $\frac{1}{4}$ sec. cor., drains N. gradual ascent
 over E. slope.
- 59.60 Spur, 80 ft. above draw, projects N. Gradual descent
 along broken N. slope.
- 76.60 Draw, 50 ft. below spur, drains N. Gradual ascent over
 E. slope.
- 72.20 Spur, 20 ft. above draw, projects NW. Gradual descent
 over W. slope.
- 78.90 Draw, 55 ft. below spur, drains SW.; ascend.
- 80.34 The cor. for secs. 19, 20, 29 and 30.

Subdivision of T. 22 S., R. 10 E.

Chains

Land, rough and broken mountains. General drainage NW.
 Soil, sandy clay, sandstone ledges and boulders.
 Timber, cedar and pinon.
 Undergrowth, black sage, bitter brush and scattering bunch grass.

West on random line bet. secs. 19. and 30.

On account of inaccessible ledges and box canyon with precipitous slopes, making chaining impracticable determine distance by triangulation as follows:

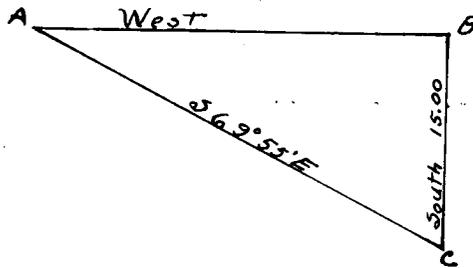
Set flag "A" on line on the west brink of canyon,

measure base line South 15.00 chs. dist., and erect

"B". Erect flag "C" at this point. From flag "B" flag

"A" bears N.69°55'W. All bearings checked by direct

reading of the solar; all angles checked by deflection



Dist. by triangulation-----41.03

40.00 Point for the temp. $\frac{1}{4}$ sec. cor. falls on precipitous slope.

41.03 Set temp. witness $\frac{1}{4}$ sec. cor. To triangulation point. On account of the ruggedness of the country run on traverses and offsets as follows:

North, 2.72 chs. dist., thence

N.89°11'W., 10.52 chs. dist. to

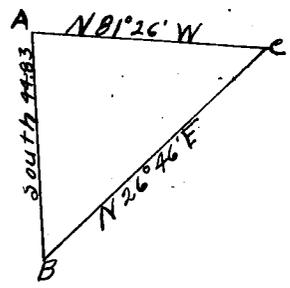
56.99 On account of box canyon with precipitous slopes which makes chaining impracticable, determine distance by triangulation as follows:

A flag designated as "A" on the witness cor to the cor. of secs. 19, 24, 25 and 30, on the N. bdy., which is 6.12 chs. N. of the true point for the cor., bears N.81°26'W., also flag designated as "B" set 44.83 chs S. of the witness cor. bears S.26°46'W, from this

Subdivision of T. 22 S., R. 10 E.

Chains

point designated as "C". All bearings checked by direct reading of the solar and all angles checked by deflection:



Dist. on line, counting from the sec. cor.----- 56.99
 Dist. by triangulation-----21.25 = W. $\frac{21.01}{78.00}$

78.00

The witness cor. to the cor. of secs. 19, 24, 25, and 30 which is 6.12 chs. N. of the true point.

True bearing of this mile is East.

Thence

East on true line bet. secs. 19 and 30.

Over mountainous land, thru dense timber and scattering undergrowth. It is impracticable to project line E. from true point for the cor. of secs. 19, 24, 25 and 30.

From the witness cor. 6.12' chs. N. of the true point.

By triangulation, giving topography bet. triangulation points.

S. 81° 26' E., on traverse line.

0.50

W. brink of canyon and top of ledges 200 ft. high, bears SW. and NE.

5.50

Bottom of canyon, 200 ft. below brink, drains N. Abrupt ascent over ledges.

10.50

Top of ledges and E. brink of canyon, bears N. and S. continue ascent over broken bench land sloping W.

21.25

Point of triangulation, top of ridge, 100 ft. above witness cor., bears N. and S.

Thence by traverse

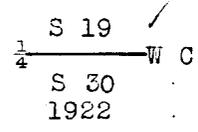
S. 89° 11' E., 16.52' chs. dist. then

South, 2.72 chs. dist.; to true line on which at

Subdivision of T. 22 S., R. 10 E.

Chains

36.97 W. brink of canyon, bears N. and S. The true point for $\frac{1}{4}$ sec. cor. will fall on inaccessible ledges impossible to set cor. At this point:
 Set iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in a large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon 10 ins. diam., bears N. 68° W., 109 lks. dist., marked W C $\frac{1}{4}$ S 19 B T.

A pinon 12 ins. diam., bears S. 42° W., 58 lks. dist., marked W C $\frac{1}{4}$ S 30 B T.

Thence by triangulation, giving approx. topography.

- 37.00 Top of ledge begin descent into deep canyon.
- 50.00 Bottom of canyon, 520 ft. below brink, drains NW. Thence along rocky, precipitous talus slope.
- 70.00 Begin ascent ledges and wall of canyon.
- 76.00 Top of ledges and brink of canyon, level with the W C $\frac{1}{4}$ sec. cor., bears NW. and S.
- 78.00 The cor. of secs. 19, 20, 29 and 30.
 Land, rough and broken mountains, general drainage NW.
 Soil, sandy clay, sandstone ledges and boulders.
 Timber, cedar and pinon.
 Undergrowth, black sage, bitter brush. Scattering bunch grass.

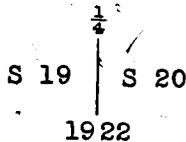
N. 0° 03' W., bet. secs. 19 and 20.

Over mountainous land, broken and rough, thru timber and scattering undergrowth.

- 2.00 Draw, 20 ft. below sec. cor., drains NW. Gradual asc. over S. slope.
- 8.90 Spur, 25 ft. above draw, projects NW.; descend.
- 40.00 On NW. slope 160 ft. below spur.

Subdivision of T. 22 S., R. 10 E.

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, on solid rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which,

A pinon, 8 ins. diam., bears $N.70^{\circ}E.$, 21 lks. dist., marked $\frac{1}{4}$ S 20 B T.

A pinon, 8 ins. diam., bears $S.28^{\circ}W.$, 94 lks. dist., marked $\frac{1}{4}$ S 19 B T.

41.00 Brink of box canyon, bears NW. and SE. Precipitous slopes and inaccessible ledges make chaining impracticable N. from this point; therefore, after noting the following distances to topography on the remainder of mile, I determine the remaining distance by triangulation:

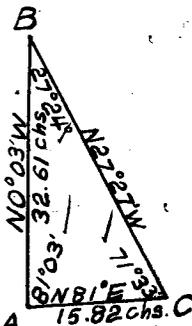
59.00 Approximately. Bottom of box canyon, 475 ft. below brink, course NW.; asc. abruptly 400 ft.

72.40 Point of bench, from SE., projects W. approximately 6.00 chs. dist.; desc. abruptly 175 ft.

74.00 Approximately. Bottom of Coal Wash, course W.; precipitous ascent of 300 ft. to true point for sec. cor.

I triangulate as follows:

Designate a point 15 lks. $S.0^{\circ}03'E.$ of the $\frac{1}{4}$ cor. of secs. 19 and 20, as point "A", and set a flag "B" on line on point of bench. Then, measure a base line $N.81^{\circ}E.$ 15.82 chs. dist. to a flag "C", from point "A". From the E. end of the base flag "B" bears $N.27^{\circ}27'W.$ All bearings are checked by direct reading of the solar, and all angles are read by deflection by three repetitions.

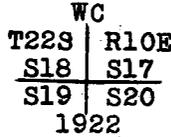


Subdivision of T. 22 S., R. 10 E.

Chains

Dist. on line-----	39.85
Dist. by triangulation-----	32.61
Total dist.-----	72.46
Dist. S.0°03'E. from flag "B"-----	0.02
	<u>72.44</u>

72.44 On point of bench, set an iron post, 3 ft. long, 2 ins. diam., on bedrock, and 28 ins. in a large mound of stone, for witness cor. of secs. 17, 18, 19 and 20, with brass cap marked



and deposit a sandstone, 14X6X5 ins., marked with a cross (X), in the hole beside the post. No bearing trees available.

80.00 It is impracticable to reach the true point for cor. of secs. 17, 18, 19 and 20, as it falls on the breaks of box canyon. To close secs. 17, 18, 19 and 20, I locate the position of the true point for this sec. cor. by triangulation as hereinafter described in the field notes of the line bet. secs. 17 and 20.

Land, rough and broken mountains with general drainage NW.

Soil, sandy clay, sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, bitter brush and black sagebrush.

Scattering growth of bunch grass.

The true point for cor. of secs. 17, 18, 19 and 20 being inaccessible, and owing to the land being very rugged, I commence the survey of the line bet. secs. 17 and 20 at the witness cor. of secs. 16, 17, 20 and 21, which is established 6.41 chs. E. of the true point for cor. of secs. 16, 17, 20 and 21.

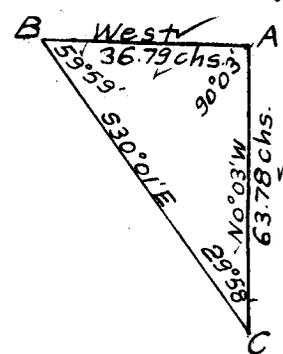
West on a random line bet. secs. 17 and 20.

The line follows along the rugged ledge break on the N. side of canyon, making chaining impracticable; there-

Subdivision of T. 22 S., R. 10 E.

Therefore I triangulate as follows:

Designate the true point for cor. of secs. 16, 17, 20 and 21 as point "A", and set a flag "B" on line on the top of wall of canyon. From flag "B" a flag "C" set N.0°03'W. 16.22 chs. dist. from the cor. of secs. 20, 21, 28 and 29, bears S.30°01'E.



All bearings are checked by direct reading of the solar, and the angles of the triangle are 90°03', 59°59' and 29°58'; and their sum is equal to 180°.

Dist. by triangulation from point "A" to flag "B" = 36.79 chs. Thence, by direct measurement from flag "B" to

Set temp. 1/4 sec. cor.

From this temp. 1/4 sec. cor. a flag set on the 1/4 cor. of secs. 19 and 20, bears S.45°18'W.

As it is impracticable to continue line west from this temp. point I offset as follows:

N.0°03'W. 17.78 chs.; then on offset line:

West 40.35 chs. to true line bet. secs. 17 and 18, falling N.0°03'W. 1.81 chs. dist. from a flag set on the edge of a box canyon, or N.0°03'W. 17.68 chs.

dist. from the true point for cor. of secs. 17, 18, 19 and 20, as determined by the following triangulation:

I designate the temp. 1/4 cor. of secs. 17 and 20 as point "A", a flag set on the 1/4 cor. of secs. 19 and 20 as flag "B", and a point 10 lks. S. of the true point for cor. of secs. 17, 18, 19 and 20 as point "C". Then, use the dist. "AC"

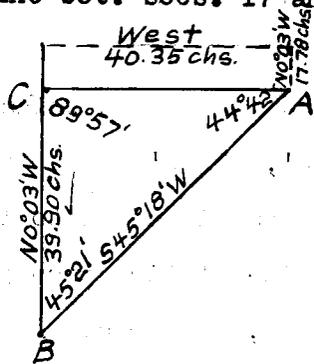
as a base line, which is parallel to and equal in length to the offset line of 40.35 chs., just described.

The base line bears west, the sec. line "BC" bears N.0°03'W., and the line "AB" bears S.45°18'W.; and the included angles of the triangle are 89°57', 44°42' and 45°21', and their sum is equal to 180°. The triangulated distance "BC", which is the length of the sec.

Subdivision of T. 22 S., R. 10 E.

Chains

line from the $\frac{1}{4}$ cor. of secs. 19 and 20 to its intersection with the random line extended west from the temp. $\frac{1}{4}$ cor. of secs. 17 and 20, is 39.90 chs., or at 86.76 The random line bet. secs. 17 and 20 intersects the line bet. secs. 19 and 20, 10 lks. S. of the true point for cor. of secs. 17, 18, 19 and 20. Therefore the true bearing of the line bet. secs. 17 and 20 is N.89°56'W.



From the witness cor. of secs. 16, 17, 20 and 21, heretofore described, giving approximate distances to topography N.89°56'W. on a true line bet. secs. 17 and 20.

Over rugged mountainous land of inaccessible ledges and precipitous slopes, through scattering timber and undergrowth; desc. over ledges and canyon wall.

6.41 Intersect the true point for cor. of secs. 16, 17, 20 and 21, on canyon wall.

12.00 Canyon, 510 ft. below witness cor., drains SW.; asc. 250 ft. along S. talus slope on N. side of canyon.

22.00 Top of ascent on S. talus slope, bears S.; line strikes high ledge wall of canyon; desc. 250 ft.

28.00 Ravine, drains S. into the main canyon; asc. 450 ft.

43.20 Flag "B" of triangulation, on top of wall of canyon, bearing NE. and SW.; over rough broken bench.

46.585 On surface rock mark $\frac{1}{4}$ X at the exact cor. point; no iron post available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. There are no trees within a reasonable distance suitable for marking.

Thence, S.89°56'E. 0.175 chs. dist.; then offset as follows:

Subdivision of T. 22 S., R. 10 E.

N.0°03'W. 17.78 chs., then on offset line:

N.89°56'W. 40.35 chs. to

Intersect true line bet. secs. 17 and 18, N.0°03'W.

17.78 chs. dist. from the true point for cor. of secs.

17, 18, 19 and 20.

Land, very rough and broken, draining generally W.

Soil, sandy clay, sandstone ledges and boulders.

Timber, cedar and pinon.

Undergrowth, black sagebrush and bitter brush.

Scattering growth of bunch grass.

West on a random line bet. secs. 18 and 19.

This line passes over high ledges and along S. breaks of deep canyon, making chaining impracticable. Therefore,

I make the following triangulation:

Set transit on line west of a point which is 10 lks. S. of the true cor. point for secs. 17, 18, 19 and 20.

Erect flag "A" N.0°03'W. 25.96 chs. dist. from the

true point for cor. of secs. 17, 18, 19 and 20. Then

designate the transit point, which is 10 lks. S. of the

random line, as point "B". From flag "A" at the N. end

of the base line, point "B" bears S.59°38'W. All bear-

ings are checked by direct reading

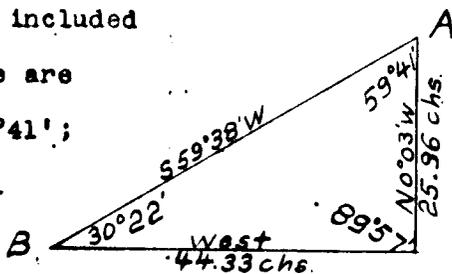
of the solar, and the included

angles of the triangle are

89°57', 30°22' and 59°41';

and their sum is equal

to 180°.



Dist. by triangulation----- 44.33 chs.

Dist. E. from point "B" by return measure-

ment----- 4.33 "

40.00 ", or at

40.00 Set temp. $\frac{1}{2}$ sec. cor.

44.33 To point "B" of triangulation. The line projected W. from this point drops into deep canyon, and follows along high ledges, making chaining impracticable; therefore,

I traverse as follows:

Subdivision of T. 22 S., R. 10 E.

Chains	N.76°30'W. 34.45 chs., giving a westing of 33.50 chs. and a northing of 8.04 chs., or at
77.83	Intersect the W. bdy. of the Tp., 43 lks. N. of the W. cor. of secs. 13, 18, 19 and 24, which is established N. 7.51 chs. dist. from the true cor. point. Therefore, the true bearing of the sec. line is east. Thence, from true point for sec. cor. East on a true line bet. secs. 18 and 19. Over rough and broken mountain land, through scattering timber and undergrowth.
	Offset N. 7.94 chs., then by traverse line: S.76°30'E. 34.45 chs. to point "B" of triangulation.
33.50	Offset N. 10 lks. dist. to true line. Thence, E. on true line bet. secs. 18 and 19.
37.83	On a S. slope about 2.00 chs. N. of rim of canyon, bearing N.80°E. and N.80°W., set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ $\frac{S\ 18}{S\ 19}$ 1922 </div> from which,
	A pinon, 6 ins. diam., bears N.82°E., 63 lks. dist., marked $\frac{1}{4}$ S 18 B T.
	A pinon, 6 ins. diam., bears S.65°W., 108 lks. dist., marked $\frac{1}{4}$ S 19 B T.
42.80	Rim of canyon, 15 ft. below $\frac{1}{4}$ sec. cor., bears NE. and SW.; precipitous descent of 450 ft.
51.00	Approximately. Ravine, course SW.; asc. abruptly 450 ft.
59.00	Approximately. Rim of canyon, bears N.20°W. and S.20°E. over nearly level bench.
67.00	Approximately. Rim of canyon, bears N.20°E. and S.20°W. Precipitous descent of 275 ft. to
77.83	The true point for cor. of secs. 17, 18, 19 and 20. Land, rough and broken mountains, draining SW. Soil, sandy clay, sandstone ledges and boulders. Timber, cedar and pinon.

Subdivision of T. 22 S., R. 10 E.

Undergrowth, black sagebrush and bitter brush.
Scattering growth of bunch grass.

Counting from the true point for cor. of secs. 17, 18, 19 and 20, which is inaccessible, N.0°03'W. bet. secs. 17 and 18.

Over rough and broken mountainous land with precipitous slopes and impassable ledges; asc. abrupt talus slopes and wall of canyon.

15.00 Approximately. Top of ledge and rim of box canyon, 680 ft. above true point for cor. of secs. 17, 18, 19 and 20, bears SW. and SE.

15.87 Flag erected during the survey of the line bet. secs. 19 and 20. For the determination of this distance, see the notes of the line bet. secs. 17 and 20. Thence, by direct measurement from this point, over rough broken bench land, through heavy timber and scattering undergrowth.

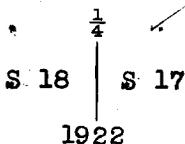
17.68 W. point of offset line bet. secs. 17 and 20.

25.86 Triangulation point "A" bet. secs. 18 and 19.

27.50 Pinnacle, 100 ft. high, on top of ridge, 85 ft. above rim of canyon, bearing N.80°W. and S.80°E.; desc.

39.80 Draw, 75 ft. below ridge, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



from which,

A pinon, 12 ins. diam., bears S.75°30'E., 98 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A pinon, 12 ins. diam., bears N.62°45'W., 41 lks. dist., marked $\frac{1}{4}$ S 18 B T.

47.00 Point from pinnacle to E., 40 ft. above draw, projects W.; desc.

48.50 Draw, 40 ft. below point, drains W.; asc.

Subdivision of T. 22 S., R. 10 E.

Chains

58.80 Low ridge, 35 ft. above draw, bears N.80°W. and S.80°E. desc. gradually over broken N. slope.

80.00 80 ft. below ridge set a sandstone, 24X12X10 ins., 18 ins. in a mound of stone, marked with four notches on the S. and five notches on the E. edges, for the cor. of secs. 7, 8, 17 and 18. No iron post available.

From which,

A pinon, 12 ins. diam., bears N.59°E., 239 lks. dist., marked T 22 S R 10 E S 8 B T.

A pinon, 10 ins. diam., bears S.55 $\frac{3}{4}$ °E., 45 lks. dist., marked T 22 S R 10 E S 17 B T.

A pinon, 6 ins. diam., bears S.10°W., 48 lks. dist., marked B T. Tree too scrubby for other mark

A pinon, 8 ins. diam., bears N.26 $\frac{1}{2}$ °W., 141 lks. dist., marked T 22 S R 10 E S 7 B T.

Land, very rough and broken with general drainage NW. Soil, sandy clay, sandstone ledges and boulders. Timber, cedar and pinon.

Undergrowth, bitter brush. Scattering bunch grass.

S.89°56'E. on a random line bet. secs. 8 and 17.

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

40.15 Owing to impassable ledges E., run on offset as follows:

North 10.00 chs.; then on offset line:

S.89°56'E. 40.15 chs., then offset

South 6.90 chs. to

80.30 The witness cor. of secs, 8, 9, 16 and 17, 3.15 chs. N. of the true cor. point.

Thence,

N.89°58'W. on a true line bet. secs. 8 and 17.

Over inaccessible ledges and precipitous slopes. Impossible to run from the true point for cor. of secs. 8, 9, 16 and 17, so commence at the witness cor. to this sec cor. and run on offset as follows:

North 6.85 chs.; then on offset line:

N.89°58'W. 40.15 chs., in bottom of canyon along wash.

Subdivision of T. 22 S., R. 10 E.

38.55 South 10.00 chs.; over precipitous N. slope of canyon to
 42.25 Set a w iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground to solid rock, and in a large mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap marked

S 8
 $\frac{1}{4}$ ———
 S 17
 1922

from which,

- A pinon, 10 ins. diam., bears N.66°15'W., 102 lks. dist., marked $\frac{1}{4}$ S 8 B T.
- A pinon, 10 ins. diam., bears S.54°45'W., 35 lks. dist., marked $\frac{1}{4}$ S 17 B T.

Desc. N. slope through heavy timber and dense undergrowth.

42.90 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains N. 1.00 ch. dist.,
 then falls over ledge and S. side of box canyon; asc.

46.30 Top of ascent, 45 ft. above draw, bears N. and S.; desc.

75.70 Draw, 135 ft. below top of ascent, drains SW.; asc.

76.50 Low point, projects S. about 50 lks. dist.; desc.

78.10 Small draw, 25 ft. below point, drains NW. across bedrock

80.30 The cor. of secs. 7, 8, 17 and 18.

Land, rough and broken mountains, draining SW. generally.
 Timber, cedar, pinon and cottonwood.
 Soil, sandy clay, sandstone ledges and boulders.
 Undergrowth, sagebrush, bitter brush and grass.

West on a random line bet. secs. 7 and 18.

The line strikes the S. end of a high pinnacle, over which

I can not chain; therefore offset as follows:

South 1.00 chs., then on offset line:

West 30.00 chs., then N. 1.00 chs. to random line at

30.00 Thence, on random line.

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

77.77 Intersect W. bdy. of the Tp., 3 lks. S. of the cor. of
 secs, 7, 12, 13 and 18, heretofore described.

Thence,

S.89°59'E., on true line bet. secs. 7 and 18.

Asc. over W. slope of rough mountainous bench land,
 through heavy timber and scattering undergrowth.

Subdivision of T. 22 S., R. 10 E.

Chains 7.00	Ridge, 70 ft. above sec. cor., bears N. and S.; desc.
23.80	Draw, 50 ft. below ridge, drains NE.; gradually ascends
28.00	Point of spur, from pinnacle about 200 ft. high approximately 20.00 chs. SE., projects N.; descends
31.20	Head of small gully, drains N.; asc.
34.00	Rocky point, projects N.; gradually desc.
37.77	Point for $\frac{1}{4}$ sec. cor. falls on sloping sandstone bedrock where cor. cannot be perpetuated; therefore at
38.21	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a large mound of stone, for witness $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 7 \ \checkmark}{S \ 18} \text{WC}$ <p>1922</p>
	from which,
	A pinon, 8 ins. diam., bears N. $13^{\circ}30'E.$, 100 lks. dist., marked W C $\frac{1}{4}$ S 7 B T.
	A pinon, 8 ins. diam., bears S. $31^{\circ}15'W.$, 59 lks. dist., marked W C $\frac{1}{4}$ S 18 B T.
40.15	Draw, drains NW. about 3.00 chs. dist., thence N., asc. towards high pinnacle, over bedrock and ledges.
47.77	To pass high pinnacle to the E., offset as follows: South 1.00 chs.; then on offset line: S. $89^{\circ}59'E.$ 30.00 chs.; then
	Note: At 9.35 chs. on offset, line strikes the base of S. side of a high pinnacle from which a ridge extends SE. and connects with a high pinnacle to the SE.
	North 1.00 chs. to true line, on which at
77.77	The cor. of secs. 7, 8, 17 and 18.
	Land, rough, broken sandstone bench; general N. exposure and drainage.
	Soil, shallow sand and sandstone rock.
	Timber, scrub cedar and pinon.
	Undergrowth, scattering sagebrush.
	Scattering growth of grass.

Boundaries of T.22 S., R.10 E.

LATITUDES, DEPARTURES AND CLOSING ERRORS

Line designated	True Bearings	Distances	Latitudes		Departures	
			N	S	E	W
N.bdy.tp.	S.89°59'E.	478.30	.....	.....14	478.30	.....
E.bdy.tp.	North	480.00	480.00	.....	.....	.....
E.bdy.tp.	West	240.00	.....	.....	.....	240.00
Int.secs.3&4	S.0°10'E.	33.85	.....	33.85	.10	.....
"	East	5.52	.....	.....	5.52	.....
"	S.0°10'N.	46.15	.....	46.15	.13	.....
"	West	5.52	.....	.....	.....	5.52
Int.secs.4&9	East	4.26	.....	.....	4.26	.....
"	South	13.12	.....	13.12	.....	.....
"	N.89°51'W.	29.67	.....	.08	.....	29.67
"	South	13.12	13.12	.....	.....	.....
"	N.89°51'W	54.61	.....	.13	.....	54.61
Int.secs.8&9	S.0°03'E.	76.85	.....	76.85	.07	.....
Int.secs.8&17	North	6.85	6.85	.....	.....	.....
"	N.89°58'W.	40.15	.....	.02	.....	40.15
"	South	10.00	.....	10.00	.....	.....
"	N.89°58'W.	40.15	.....	.02	.....	40.15
Int.secs.7&18	South	1.00	.....	1.00	.....	.....
"	N.89°59'W	30.00	.....	.01	.....	30.00
"	North	1.00	1.00	.....	.....	.....
"	N.89°59'W	47.77	.....	.01	.....	47.77
V.bdy.tp.	South	320.00	.....	320.00	.....	.....
Convergency			.....	.....	.....	.51
Totals			501.24	501.11	488.38	488.38
Error in latitude			501.11			.13
Error in departure					.00	

GENERAL DESCRIPTION

Sections 35, 36 and the greater part of secs. 23, 24, 25, 26, 27 and 34 are situated on a high rolling plateau known as Sinbad. The remainder of the township is rough and rugged mountains and breaks of mountains. Mexican Wash, Eagle Canyon and the various forks of Coal Wash all head in this township and have cut deep box canyons through the sandstone and drain in a northerly direction to the San Rafael River. The township is noted for its many freak sandstone domes and formations which are gradually being eroded away. The soil in Sinbad, in the open draws is a light sandy clay loam of good quality. Generally throughout the township sandstone bedrock is exposed and in some

General Description.

places this is covered with a thin capping of sand. Scrub cedar and pinon timber grows abundantly throughout the township. The undergrowth consists of sagebrush and shadscale with scattering bitter and deer brush. Sinbad is heavily sodded with a wild grass which is good for grazing of cattle.

The only water noted is an intermittent, alkaline seep in sec. 32, which can not be seen from line.

There are no cultivated areas or habitations in the township.

No magnetic declination was taken on account of defective needle.

There are no indications of oil, coal or mineral in the township.

CERTIFICATE OF UNITED STATES SURVEYOR GENERAL

I, Howard W. Miller, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 24th day of February, 1922, I have well, faithfully, and 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 the North, East and West Boundaries and of the Subdivisions of T. 22 S., R. 10 E. of the Salt Lake Base and Meridian, Utah

of the Salt Lake Base and Meridian, in the State of Utah, which are represented and on dates as shown on date diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes such survey.

Salt Lake City, Ut.
Dec. 1, 1923

Howard W. Miller
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Salt Lake City, Utah
February 29, 1924

The foregoing field notes of the survey of North, East and West boundaries and of the subdivisions of Township 22 South, Range 10 East

executed by Howard W. Miller, U.S. Cadastral Engineer under his special instructions dated February 24, 1922

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General

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.

Blank

Page

Blank

Page



BOOK A-464

B

FIELD NOTES

OF THE SURVEY OF THE

NORTH, WEST, SOUTH, AND EAST BOUNDARIES

AND

SUBDIVISION OF T. 33 S., R. 11 E.

AND THE SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Of the SALT LAKE BASE AND Meridian,

in the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ROBERT C YUNDT

in the capacity of U. S. Surveyor and U.S. Transitman, under instructions dated March 8, 1922,

issued by the United States Surveyor General to govern surveys included in

Group No. 125, which were approved by the Commissioner of the General Land

Office, March 20, 1922; and assignment instruction dated

September 8, 1922, and supplemental assignment instruction dated

May 14, 1923.

Survey commenced September 27, 1922.

Survey completed August 10, 1923.

BOOK A-264

INDEX DIAGRAM.

		Township 33 South					Range 11 East.						
		36	37	38	39	40	41						
13	6	110	5	92	4	78	3	65	2	53	1	34	
		109		108		91		77		64		52	
14	7	107	8	90	9	76	10	62	11	50	12	33	
		106		105		88		75		61		49	
15	18	104	17	87	16	73	15	60	14	48	13	31	
		102		102		86		72		59		46	
16	19	100	20	84	21	71	22	58	23	46	24	30	
		99		98		83		70		57		45	
17	30	97	29	82	28	69	27	56	26	44	25	29	
		95		94		81		67		55		43	
18	31	93	32	79	33	66	34	54	35	42	36	27	
		92		91		80		68		56		44	
		20		21		22		24		25		26	

North Boundary of T. 33 S., R. 10 E.



BOOK A-464

4-879 b

INDEX DIAGRAM.

Township 33 S, Range 11 E
 356 357 358 359 360 361

333	356	430	357	412	358	398	359	385	360	373	361	354
	429		428		411		397		384		372	
334	7	427	8	410	9	396	10	382	11	370	12	353
	426		425		408		395		381		369	
335	13	424	17	407	16	393	15	380	14	368	13	351
	423		422		406		392		379		367	
336	19	420	20	404	21	391	22	378	23	366	24	350
	419		418		403		390		377		365	
337	25	417	29	402	28	389	27	376	26	364	25	349
	415		414		401		388		375		363	
338	31	413	33	399	32	386	34	374	35	362	36	347
	340		341		342		344		345		346	

6-1817

North Boundary of T33 S. R10 E.

326 , 327 , 328 , 329 , 330 , 331

T. 33 S., R. 11 E.

DATE DIAGRAM OF T. 33 S., R. 11 E.

	9-29-22	9-29-22	9-28-22	9-28-22	9-27-22	9-27-22
10-9-22	11-1-22 6 8-7-23 8-8-23	11-1-22 5 8-6-23 8-4-23	11-1-22 4 8-7-23 7-31-23	11-2-22 3 7-31-23 7-31-23	11-2-22 2 7-31-23 7-30-23	11-2-22 1 7-30-23 10-22-22
10-9-22	7 8-7-23 8-6-23	8 8-7-23 8-2-23	9 8-2-23 7-17-23	10 7-30-23 7-26-23	11 7-30-23 7-8-23	12 7-8-23 10-22-22
10-10-22	18 8-8-23 8-4-23	17 7-28-23 8-1-23	16 7-28-23 7-17-23	15 7-24-23 7-25-23	14 7-23-23 7-7-23	13 7-1-23 10-21-22
10-10-22	19 7-23-23 7-27-23	20 7-24-23 7-26-23	21 7-25-23 7-16-23	22 7-0-23 7-14-23	23 7-16-23 7-17-23	24 7-14-23 10-21-22
10-11-22	30 7-5-23 7-21-23	29 7-10-23 7-19-23	28 7-12-23 7-14-23	27 7-20-23 7-11-23	26 7-10-23 7-1-23	25 7-6-23 7-15-23
10-13-22	7-7-23 7-10-23 31 10-13-22	7-7-23 32 7-9-23 10-14-22	7-13-23 33 7-11-23 10-15-22	7-9-23 34 7-9-23 10-16-22	7-9-23 35 7-9-23 10-17-22	7-9-23 36 7-9-23 10-18-22

DATE DIAGRAM OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

10-7-22	10-6-22	10-5-22	10-4-22	10-3-22	10-2-22
11-18-22	11-18-22	11-18-22	11-18-22	11-18-22	11-18-22
6	5	4	3	2	1

All lines dated black, were surveyed by Elliot Bird, U.S. Surveyor.

All lines dated red, were surveyed by Robert C Yundt, U.S. Transitman.

T. 33 S., R. 11 E.

Survey commenced September 27, 1922, and executed with a Young and Sons light mountain transit, No. 8531, equipped with a Smith Solar attachment and full vertical circle. The horizontal limb is provided with two opposite verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated September 8, 1922.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, I proceed as follows:

Sept. 27, 1922, in camp near the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of T. 33 S., R. 11 E., Salt Lake Base and Meridian, Utah, in approximate latitude $37^{\circ}59'$ N., longitude $110^{\circ}42'$ W., at 7h 14m p.m. l. m. t.

I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake driven firmly in the ground, 10 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}24'36''$.

Sept. 28: I lay off the azimuth of Polaris, $1^{\circ}24'30''$ to the west, and mark the meridian thus determined by a tack in a stake driven firmly in the ground, 10 chs. N.

At 8h 00m a.m. app. t., with the instrument in the meridian I set off $37^{\circ}53'$ N., on the latitude arc; $1^{\circ}51'$ S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

T. 33 S., R. 11 E.

At app. noon, with the instrument in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	50° 05' 30"
Reduced latitude	37° 59' N. ✓
Mean watch time of observation	1h 51m 00s
Watch fast of l. m. t.	0m 8s

At app. noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 1° 55' 30" S., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instrument in the meridian and the latitude arc unchanged, I set off 1° 58' S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

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

Work was discontinued on this township on November 18, 1922, and recommenced, July, 3, 1923, instruments Nos. 8531 and 8396 being used. Instrument No. 8396, was used by Transitman Robert C Yundt, the description of which is the same as instrument No. 8531, which is heretofore described. The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in supplemental assignment instructions dated May 14, 1923.

We examine the adjustments of the instruments, and correct the level and collimation errors; then, to test the

Chains

solar apparatus, by comparing their indications result from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, we proceed as follows.

July 3, 1923; in camp, situated near the cor. of secs. 10, 11, 14, and 15, T. 33 S., R. 11 E., in approximate latitude $37^{\circ}57'$ N., longitude $110^{\circ}43'$ W., at 0h56m a.m. l. m. t., I observe Polaris at eastern elongation making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake driven firmly in the ground, 10 chains to the N. of my station. Time stated is the mean of four observations.

Azimuth of Polaris at eastern elongation = $1^{\circ}24'36''$.

I lay off the azimuth of Polaris, $1^{\circ}24'30''$ to the west, and mark the meridian thus determined, by a tack in a stake driven firmly in the ground, 10 chains. N.

At 9h 30m a.m. app. t., with both instruments in the meridian, we set off, $37^{\circ}57'$ N., on the latitude arcs; $23^{\circ}1'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At app. noon, with instrument No. 8531, in the meridian, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb reversing the telescope and observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	$75^{\circ} 3' 30''$
Reduced latitude	$37^{\circ} 57' N.$ ✓
Mean watch time of observation	12h 20m 54s
Watch fast of l. m. t.	0h 17m. 3s

At app. noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $23^{\circ} N.$, which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instruments in the meridian and the latitude arcs unchanged, we set off 23° N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian. As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations on Polaris. At the completion of the survey of this township, we make a final test of the instruments as follows.

Aug. 10, 1923; at 9h 30m a.m. app. t., with both instruments in the meridian determined by observation on Polaris, July 3, 1923; we set off $37^{\circ}57'$ N., on the latitude arcs; $15^{\circ}45'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At app. noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $15^{\circ}43'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instruments in the meridian and the latitude arcs unchanged, we set off $15^{\circ}41'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian. As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in good adjustment.

Measurements.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes, 5 chains in length compared with a Lufkin standard tape and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

BOOK 1 2008

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Chains

From the cor. of Ts. 32 and 33 S., Rs. 9 and 10 E., which is an iron post, 3 ins. diam., firmly set in a mound of stone, marked and witnessed as described in the notes of the survey of T. 32 S., R. 9 E.

East, bet. secs. 6 and 31.

Ascend abruptly over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

7.30 Spur, 20 ft. high, projects S. 10° W.; continue abrupt ascent.

38.31 On gentle W. slope, 500 ft. above the township cor., all for convergency. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground on bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

S31
—
¼
S6

1922

From which,

A pinon, 6 ins. diam., bears N. 82° E., 40 lks. dist., marked ¼ S31 BT.

A pinon, 6 ins. diam., bears S. 80° E., 16 lks. dist., marked ¼ S6 BT.

52.30 Draw, 30 ft. deep, drains S. 10° W.; continue abrupt ascent.

78.31 On steep SW. slope, 400 ft. above the ¼ sec. cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs, 5, 6, 31 and 32, with brass cap marked.

T32S	R10E
S31	S32
S6	S5
T33S	
1922	

From which,

A pinon, 8 ins. diam., bears N. 15° E., 72 lks. dist., marked T32S R10E S32 BT.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Chains

A pinon, 8 ins. diam., bears S. 25 ° E., 28 lks. dist., marked T33S R10E S5 BT.

A pinon, 8 ins. diam., bears S. 70° W., 62 lks. dist., marked T33S R10E S6 BT.

A cedar, 10 ins. diam., bears N. 47° W., 23 lks. dist., marked T32S R10E S31 BT.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, bet. secs. 5 and 32.

Ascend abruptly over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

28.30 Spur, 320 ft. above cor., projects N. 80° W.; descend abruptly.

36.40 Draw, 200 ft. below spur, drains S.; ascend abruptly.

40.00 On gentle W. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S32}{\frac{1}{4} S5}$$

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

No suitable bearing trees available.

64.00 Spur, 200 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend abruptly.

80.00 In bottom of draw, 200 ft. below spur, drains NW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Chd ns

T32S	R10E
S32	S33
S5	S4
T33S	
1922	

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

No suitable bearing trees available.

Land, broken and mountainous with a general southwesterly exposure and darinage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, bet. secs. 4 and 33.

Ascend abruptly over broken mountainous land through scattering aspen, pinon, cedar, and red pine timber and scattering undergrowth of sage and oakbrush.

11.00 Spur, 20 ft. high, projects NW.; continue ascent.

18.00 Gulch, 40 ft. deep, drains NW.; ascend abruptly.

40.00 On steep NW. slope, 600 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S33
1/4
S4
1922

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

No suitable bearing trees available.

80.00 On steep W. slope, 500 ft. above the 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T32S	R10E
S33	S34
S4	S3
T33S	
1922	

From which,

Survey of the South Boundary of T. 22 S., R. 9 E.

Chains

East, bet. secs. 1 and 36.

Ascend gradually over broken mountainous land through dense timber and scattering undergrowth.

1.80 Spur, 20 ft. above cor., projects N. 10° W.; descend abruptly.

4.60 Ravine, 70 ft. below spur, drains N. 10° W.; ascend abruptly.

14.10 Spur, 160 ft. above ravine, projects N.; descend abruptly.

17.60 Gulch, 70 ft. below spur, drains N.; ascend gradually.

40.00 On broken land, 70 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S36

S1

1922

From which,

A pinon, 10 ins. diam., bears S. 41° E., 13 lks. dist., marked $\frac{1}{2}$ S1 BT.

A pinon, 10 ins. diam., bears N. 52°30' W., 42 lks. dist., marked $\frac{1}{2}$ S36 BT.

41.80 Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects N. 10° W.; descend gradually.

55.50 Sandstone ledge, 100 ft. high, which forms the W. rim of ravine, bears N. and S.

60.40 Bottom of ravine, 250 ft. below spur, drains N.; ascend abruptly.

61.30 Top of E. rim of ravine, 180 ft. above bottom, bears N. and S.; ascend gradually.

80.00 On top of ridge, 200 ft. above E. rim of ravine, bears N. and S.; on sandstone surfacerock, mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a large mound of stone, for cor. of Ts. 22 and 23 S., Rs. 9 and 10 E., with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Chains

below the $\frac{1}{4}$ sec. cor., cor., drains N. 20° E.; ascend abrupt W. slope.

78.00 As the true point for the sec. cor., will fall in slide-rock where a permanent cor. cannot be set; at this point on steep W. slope, 480 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T32S	R10E
S34	S35
WC	
S3	S2
T33S	
1922	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

80.00 Point for the sec. cor. falls in sliderock, no cor. set. Land, broken and mountainous with a general westerly and easterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, scattering aspen and red pine on W. portion of mile, dense aspen and red pine on E. portion.

Good grazing.

East, bet. secs. 2 and 35, counting dist. from true point for cor. of secs. 2, 3, 34 and 35.

Ascend abrupt W. slope through dense aspen and red pine timber and scattering undergrowth of oak and sagebrush.

10.80 Ridge, 350 ft. above the witness cor. to the cor. of secs. 2, 3, 34 and 35, bears N. and S.; descend abruptly.

40.00 On steep NE. slope, 1000 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

S35
 $\frac{1}{4}$
 S2

1922

From which,

An aspen, 10 ins. diam., bears S. 16° W., 4 lks. dist., marked $\frac{1}{4}$ S2 BT.

An aspen, 10 ins. diam., bears N. 20° W., 8 lks. dist., marked $\frac{1}{4}$ S35 BT.

65.80 Spur, 50 ft. high, projects NE.; leave timber, bears N. and S.; continue abrupt descent.

80.00 On steep E. slope, 600 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T32S	R10E
S35	S36
S2	S1
T33S	
1922	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, dense aspen and red pine on W. portion of mile.

Good grazing.

East, bet. secs. 1 and 36.

Descend gradually over broken mountainous land through dense undergrowth of oak and sagebrush.

4.00 Swale, 60 ft. deep, drains NE.; continue descent.

17.00 Spur, 80 ft. high, projects N. 20° E.; continue descent.

40.00 On gentle NE. slope, 330 ft. below the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 10 E.

Chains

S36
1/4
S1

1922

47.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of Ridge, 60 ft. high, bears NE. and SW.; enter dense cedar and pinon timber, bears NE. and SW.; descend abruptly.

80.00 On gentle E. slope, 550 ft. below the 1/4 sec. cor.

Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in ground to bedrock and in a large mound of stone, for cor. of Ts. 32 and 33 S., Rs. 10 and 11 E., with brass cap marked.

T32S	
R10E	R11E
S36	S31

S1	S6
T33S	
1922	

From which,

A pinon, 6 ins. diam., bears N. 45° E., 17 lks. dist., marked T32S R11E S31 BT.

A pinon, 6 ins. diam., bears S. 42° E., 38 lks. dist., marked T33S R11E S6 BT.

A pinon, 8 ins. diam., bears S. 43°30' W., 35 lks. dist., marked T33S R10E S1 BT.

A pinon, 6 ins. diam., bears N. 62° W., 33 lks. dist., marked T32S R10E S36 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage,

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, dense oak and sagebrush.

Timber, dense cedar and pinon on E., 33 chs. of mile.

Good grazing.

SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

From the cor. of Ts. 32 and 33 S., Rs. 10 and 11 E. South, bet. secs. 1 and 6.

Descend gradually over broken mountainous land through dense cedar and pinon timber and dense undergrowth of oak, buck and sagebrush.

15.70 Draw, 180 ft. below cor., drains S. 80° E.; ascend gradually.

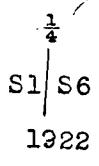
20.00 Spur, 30 ft. above draw, projects E.; descend gradually.

22.00 Draw, 30 ft. below spur, drains E.; ascend gradually.

34.00 Spur, 50 ft. above draw, projects E.; descend gradually.

40.00 In rolling bottom of draw, 60 ft. below spur, drains E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



From which,

A pinon, 6 ins. diam., bears S. 16°45' E., 125 lks. dist., marked 1/4 S6 BT.

A pinon, 8 ins. diam., bears N. 12°30' W., 147 lks. dist., marked 1/4 S1 BT.

50.00 Ridge, 100 ft. above the 1/4 sec. cor., bears E. and W.; descend gradually.

56.20 Draw, 40 ft. below ridge, drains N. 80° E.; ascend abruptly.

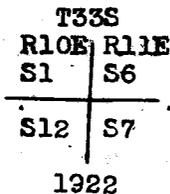
62.00 Ridge, 150 ft. above draw, bears E. and W.; descend abruptly.

69.30 Draw, 180 ft. below ridge, drains N. 70° E.; leave timber, bears E. and W.; ascend abruptly.

80.00 On gentle E. slope, 120 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

Chains



Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
Land, broken and mountainous with a general easterly
exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and
granite.

Undergrowth, dense oak, buck and sagebrush.

Timber, dense cedar and pinon on N. portion of mile.

Good grazing.

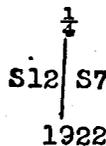
South, bet. secs. 7 and 12.

Ascend gradually over gentle E. slope of Middle Mountain
through dense undergrowth of oak, buck and sagebrush.

20.00 Rolling top of ridge, 60 ft. above cor., bears N. 70° E.
and S. 70° W.; descend gradually.

40.00 On gentle SE. slope, 70 ft. below ridge.

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



44.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
Dim road, bears E. and W.

54.50 Straight Creek, stream of good water, 6 lks. wide, 3 ins.
deep, in gulch, 70 ft. below the ¼ sec. cor., drains
S. 80° E.; ascend gradually.

67.80 Spur, 50 ft. above creek, projects E.; descend gradually.

80.00 On gentle SE. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 7, 12, 13 and 18, with brass cap marked.

SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

T33S	
R10E	R11E
S12	S7
S13	S18

1922

00 to 05. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling with a general easterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, dense oak, buck and sagebrush.

No timber.

Good grazing.

South, bet. secs. 13 and 18.
 Ascend gradually over broken mountainous land through dense undergrowth of oak, buck and sagebrush.

2.50 Spur, 30 ft. above cor., projects N. 70° E.; descend gradually.

9.70 Browns Creek, stream of good water, 5 lks. wide, 3 ins. deep, in draw, 40 ft. below spur, drains N. 70° E.; ascend abruptly.

40.00 On steep N. slope, 500 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼	
S13	S18

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

41.00 Spur, 40 ft. high, projects NE.; continue ascent.

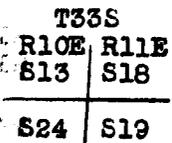
73.00 Draw, 20 ft. deep, drains E.; continue ascent.

80.00 On steep NE. slope, 250 ft. above the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

BOOK A-464 SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

Chains



1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of
Land, broken and mountainous with a general northeasterly
exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and
granite.

Undergrowth, dense oak, buck and sagebrush.

No timber.

Fair grazing.

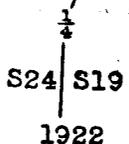
South, bet. secs. 19 and 24.

Ascend abruptly over steep NE. slope through dense under-
growth of oak, buck and sagebrush.

31.00 Top of the main ridge of the Henry Mountains, 250 ft.
above sec. cor., bears SE. and NW.; descend abruptly.

40.00 On steep SE. slope, 150 ft. below ridge:

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

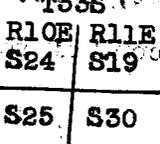


Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of ce

78.20 The W. point of spur, 40 ft. high; continue abrupt descen

80.00 On gentle S. slope, 350 ft. below the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
ground to bedrock and in a large mound of stone, for ce
of secs. 19, 24, 25 and 30, with brass cap marked.



1922

BOOK A 404
 SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

From this cor., Mud Spring bears W., 3.50 chs. dist.

Land, broken and mountainous with a general northeasterly and southerly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, dense oak, buck and sagebrush.

No timber.

Fair grazing.

South, bet. secs. 25 and 30.

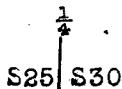
Descend gradually over broken mountainous land through scattering undergrowth of oak and sagebrush.

25.20 Spur, 50 ft. high, projects SW.; continue descent.

30.00 Enter dense cedar and pinon timber, bears E. and W.

40.00 On gentle S. slope, 200 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



No bearing trees available. 1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

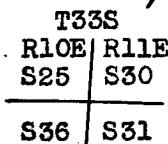
51.30 Stream of good water from Mud Spring, 4 lks. wide, 3 ins. deep, in wash, 30 lks. wide, 4 ft. deep, drains SE.

54.00 Spur, 30 ft. high, projects SE.; continue descent.

75.00 Stream from Mud Spring, 4 lks. wide, 3 ins. deep, in wash, 30 lks. 4 ft. deep, drains S. 20° W.

80.00 On gentle S. slope, 470 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.



1922

SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

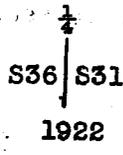
Chains

- From which,
- A pinon, 10 ins. diam., bears N. 40° E., 73 lks. dist., marked T33S R11E S30 BT.
- A cedar, 8 ins. diam., bears S. 3° E., 5 lks. dist., marked T33S R11E S31 BT.
- A cedar, 16 ins. diam., bears S. 28° W., 110 lks. dist., marked T33S R10E S36 BT.
- A pinon, 6 ins. diam., bears N. 32° W., 55 lks. dist., marked T33S R10E S25 BT.
- Stream from Mud Spring, draining S., bears W., 50 lks. dist. from cor.
- Land, broken and mountainous with a general southerly exposure and drainage.
- Soil, shallow clay loam, mixed with loose sandstone and granite.
- Undergrowth, scattering oak and sagebrush.
- Timber, dense cedar and pinon on S. portion of mile.
- Good grazing.

South, bet. secs. 31 and 36.

Ascend gradually over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of oak and sagebrush.

- 16.70 Spur, 40 ft. above cor., projects S. 30° W.; descend gradually.
- 20.00 Draw, 30 ft. below spur, drains SE.; ascend gradually.
- 35.80 Spur, 60 ft. above draw, projects SW.; descend gradually.
- 40.00 On gentle SE. slope, 70 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



From which,

- A cedar, 14 ins. diam., bears S. 38°30' E., 40 lks.

SURVEY OF THE WEST BOUNDARY OF T. 33 S., R. 11 E.

Chains

dist., marked $\frac{1}{4}$ S31 BT.

A pinon, 6 ins. diam., bears S. 47° W., 84 lks.

dist., marked $\frac{1}{4}$ S36 BT.

57.70 Spur, 60 ft. high, projects SW.; continue descent.

75.00 Small lake, 10 chs. long, 5 chs. wide, 4 ft. deep, bears W., 3.00 chs. dist.

80.00 On rolling land, 350 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 33 and 34 S., Rs. 10 and 11 E., with brass cap marked.

T33S	
R10E	R11E
S36	S31

S1	S6
T34S	
1922	

From which,

A cedar, 14 ins. diam., bears N. 33° E., 21 lks. dist., marked T33S R11E S31 BT.

A pinon, 16 ins. diam., bears S. 20° E., 110 lks. dist., marked T34S R11E S6 BT.

A pinon, 14 ins. diam., bears S. 45° W., 46 lks. dist., marked T34S R10E S1 BT.

A cedar, 12 ins. diam., bears N. 25° W., 66 lks. dist., marked T33S R10E S36 BT.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, dense cedar and pinon.

Good grazing.

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

Chains

- From the cor. of Ts. 33 and 34 S., Rs. 10 and 11 E.
East, bet. secs. 6 and 31.
Ascend gradually over broken mountainous land through
dense cedar and pinon timber and scattering undergrowth
of oak and sagebrush.
- 15.30 Ridge, 80 ft. above cor., bears N. 20° E. and S. 20° W.;
descend gradually.
- 22.50 Pennel Creek, stream of good water, 10 lks. wide, 3 ins.
deep, in gulch, 80 ft. below ridge, drains S. 20° W.;
ascend gradually.
- 38.87 On gentle W. slope, 100 ft. above gulch; allowing for co
vergency.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in th
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.
- | | |
|--|-------------------|
| | S31 |
| | $\frac{1}{4}$ ——— |
| | S6 |
| | 1922 |
- From which,
- A pinon, 10 ins. diam., bears S. 15° W., 50 lks.
dist., marked $\frac{1}{4}$ S6 BT.
- A pinon, 10 ins. diam., bears N. 85°30' W., 63 lks.
dist., marked $\frac{1}{4}$ S31 BT.
- 39.70 Old road, bears SW. to Star Ranch and NE. to Hanksville,
Utah.
- 59.00 Stream of good water, 3 lks. wide, 3 ins. deep, drains
SW. in wash, 30 lks. wide, 4 ft. deep; ascend abruptly.
- 76.50 Top of abrupt ascent, bears N. and S.; thence ascend
gradually.
- 78.87 At base of abrupt ascent, bears N. and S., 900 ft. above
the $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in th
ground to bedrock and in a large mound of stone, for
cor. of secs. 5, 6, 31 and 32, with brass cap marked.

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

Chains

311 37

T33S	R11E
S31	S32
S6	S5
T34S	
1922	

From which,

A pinon, 10 ins. diam., bears N. $38^{\circ}30'$ E., 24 lks. dist., marked T33S R11E S32 BT.

A pinon, 10 ins. diam., bears S. 50° E., 12 lks. dist., marked T34S R11E S5 BT.

A pinon, 10 ins. diam., bears S. 34° W., 15 lks. dist., marked T34S R11E S6 BT.

A pinon, 10 ins. diam., bears N. 50° W., 55 lks. dist., marked T33S R11E S31 BT.

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

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, bet. secs. 5 and 32.

Ascend abrupt W. slope over broken mountainous land through dense cedar, pinon and red pine timber and scattering undergrowth of oak and sagebrush.

23.80 Ridge, bears SE. and NW.; continue abrupt ascent.

40.00 On steep W. slope, 560 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S32
$\frac{1}{4}$
S5

1922

From which,

A pinon, 10 ins. diam., bears S. $3^{\circ}15'$ W., 65 lks. dist., marked $\frac{1}{4}$ S5 BT.

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

Chains	
	A pinon, 10 ins. diam., bears N. 15°30' W., 78 lks. dist., marked $\frac{1}{4}$ S32 BT.
45.00	Granite ledge, 50 ft. high, bears N. and S.
67.50	Spur, projects N. 75° W.; continue abrupt ascent.
80.00	On steep N. slope, 1500 ft. above the sec. cor.; no iron post being available.
	Set a granite, 28, x 18 x 10 ins., 21 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked with 2 notches on W. edge and 4 notches on E. edge.
	From which,
	A red pine, 10 ins. diam., bears N. 72° E., 36 lks. dist., marked T33S R11E S33 BT.
	A red pine, 7 ins. diam., bears S. 8° E., 5 lks. dist., marked T34S R11E S4 BT.
	A red pine, 6 ins. diam., bears S. 67° W., 21 lks. dist., marked T34S R11E S5 BT.
	A red pine, 6 ins. diam., bears N. 83° W., 17 lks. dist., marked T33S R11E S32 BT.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow clay loam, mixed with loose granite.
	Undergrowth, scattering oak and sagebrush.
	Timber, dense cedar, pinon and red pine.
	Good grazing.
<hr/>	
	East, bet. secs. 4 and 33.
	Ascend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of sagebrush.
17.60	Ridge, bears N. 20° E. and S. 20° W.; continue abrupt ascent.
20.20	A red pine, 32 ins. diam., which I mark with two notches on E. and W. faces for line tree.
29.00	Ridge, 840 ft. above the sec. cor., bears N. and S.; descend gradually.

1 SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

55.00 Head of canyon, 60 ft. below ridge, drains S. 20° W.;
ascend abruptly.

60.00 On steep S. slope, 100 ft. above head of canyon; no iron
post being available.

Set a granite, 36 x 14 x 4 ins., 27 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face.

From which,

An aspen, 6 ins. diam., bears N. 66° E., 60 lks.

dist., marked $\frac{1}{4}$ S33 BT.

An aspen, 10 ins. diam., bears S. 78° E., 35 lks.

dist., marked $\frac{1}{4}$ S4 BT.

62.00 Ridge, 500 ft. above the $\frac{1}{4}$ sec. cor., bears N. 20° E.
and S. 20° W.; descend gradually.

75.00 Head of canyon, 60 ft. below ridge, drains S.; ascend
abruptly.

80.00 On steep W. slope, 200 ft. above draw; no iron post,
being available.

Set a granite, 20 x 16 x 4 ins., 15 ins. in the ground
for cor. of secs. 3, 4, 33 and 34, marked with 3 notches
on E. and W. edges.

From which,

A red pine, 10 ins. diam., bears N. 1° E., 8 lks.
dist., marked T33S R11E S34 BT.

A red pine, 6 ins. diam., bears S. 42° E., 37 lks.
dist., marked T34S R11E S3 BT.

A red pine, 6 ins. diam., bears S. 59° W., 30 lks.
dist., marked T34S R11E S4 BT.

A red pine, 6 ins. diam., bears N. 22° W., 46 lks.
dist., marked T33S R11E S33 BT.

Land, broken and mountainous with a general southerly
exposure and drainage.

Soil, shallow clay loam, mixed with loose granite.

Undergrowth, scattering sagebrush.

Timber, dense aspen and red pine.

Good grazing.

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 31 E.

Chains	
	East, bet. secs. 3 and 34.
	Ascend abruptly over broken mountainous land through dense aspen, and red pine timber and scattering undergrowth of sagebrush.
3.50	Top of ridge, 120 ft. above cor., bears SE. and NW.; descend abruptly.
28.26	A red pine, 20 ins. diam., which I mark with two notches on E. and W. faces for line tree.
40.00	On steep NE. slope, in bottom of draw, 1000 ft. below ridge, drains SW.; no iron post being available.
	Set a granite, 25 x 10 x 6 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face.
	From which,
	An aspen, 10 ins. diam., bears S. $13^{\circ}30'$ W., 14 lks. dist., marked $\frac{1}{4}$ S3 BT.
	An aspen, 6 ins. diam., bears N. 16° W., 5 lks. dist., marked $\frac{1}{4}$ S34 BT.
	Thence, ascend gradually.
47.20	Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend abruptly.
80.00	On steep E. slope, 1100 ft. below spur; no iron post being available.
	Set a granite, 25 x 10 x 6 ins., 16 ins. in the ground, for cor. of secs. 2; 3, 34 and 35, marked with two notches on E. edge and four notches on W. edge.
	From which,
	A red pine, 6 ins. diam., bears S. 30° E., 73 lks. dist., marked T34S R11E S2 BT.
	A red pine, 7 ins. diam., bears S. 24° W., 55 lks. dist., marked T34S R11E S3 BT.
	No other suitable bearing trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow clay loam, mixed with loose sandstone and granite.

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

Undergrowth, scattering sagebrush.

Timber, dense aspen and red pine.

Good grazing.

East, bet. secs. 2 and 35.

Descend abruptly over broken mountainous land through dense cedar, pinon and red pine timber and scattering undergrowth of sage and oakbrush.

9.00 Draw, 280 ft. below cor., drains NB.; ascend gradually.

13.00 Spur, 20 ft. above draw, projects N.; descend abruptly.

33.50 Gulch, 820 ft. below spur, drains S. 70° E.; ascend abruptly.

38.70 Spur, 100 ft. above gulch, projects S.; descend abruptly.

40.00 On steep SE. slope, 50 ft. below spur; no iron post being available.

Set a granite, 30 x 10 x 6 ins., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face.

From which,

A cedar, 24 ins. diam., bears N. 57° E., 46 lbs. dist., marked $\frac{1}{4}$ S35 BT.

A pinon, 16 ins. diam., bears S. 60° E., 30 lbs. dist., marked $\frac{1}{4}$ S2 BT.

56.50 Bend in same gulch crossed at the 33.50 cor. point, 400 ft. below the $\frac{1}{4}$ sec. cor., drains from SW. to SE.; ascend abruptly.

72.00 Spur, 150 ft. above gulch, projects S. 60° E.; descend abruptly.

80.00 On broken land, 200 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T33S	R11E
S35	S36
S2	S1
T34S	
1922	

SURVEY OF THE SOUTH BOUNDARY OF T. 33 S., R. 11 E.

Chains

From which,

A pinon, 6 ins. diam., bears N. 3° E., 12 lks.
dist., marked T33S R11E S36 BT.

A pinon, 5 ins. diam., bears S. 8° E., 15 lks.
dist., marked T34S R11E S1 BT.

A pinon, 10 ins. diam., bears S. 68° W., 54 lks.
dist., marked T34S R11E S2 BT.

A pinon, 6 ins. diam., bears N. 16° W., 22 lks.
dist., marked T33S R11E S35 BT.

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

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, dense cedar, pinon and red pine.

Good grazing.

East, bet. secs. 1 and 36.

Descend gradually over broken mountainous land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.

17.50 Ridge, bears SE. and NW.; continue descent.

40.00 On gentle N. slope, 400 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

$\frac{1}{4}$ $\frac{S36}{S1}$
 1922

From which,

A pinon, 8 ins. diam., bears N. 88° E., 15 lks.
dist., marked $\frac{1}{4}$ S36 BT.

A pinon, 14 ins. diam., bears S. 15° E., 38 lks.
dist., marked $\frac{1}{4}$ S1 BT.

SURVEY OF THE ~~SOUTH~~ BOUNDARY OF T. 33 S., R. 11 E.

22.50 A cedar, 26 ins. diam., which I mark with two notches on E. and W. faces for line tree.

23.00 On rolling land, 350 ft. below the $\frac{1}{2}$ sec. cor.

Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 33 and 34 S., Rs. 11 and 12 E., with brass cap marked.

T33S	
R11E	R12E
S36	S31
S1	S6
T34S	
1922	

From which,

A cedar, 3 ins. diam., bears S. 30° E., 250 lks. dist., marked BT.

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

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

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering sagebrush.

Timber, scattering cedar and pinon.

Good grazing.

SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

From the cor. of Ts. 33 and 34 S., Rs. 11 and 12 E.

North, bet. secs. 31 and 36.

Ascend gradually over broken mountainous land through scattering cedar and pinon timber and scattering undergrowth of oak and sagebrush.

18.00 Trail Creek, stream of good water, 5 lks. wide, 2 ins. deep, in bottom of gulch, 6.00 chs. wide, 40 ft. deep, drains S. 70° E.; continue ascent.

SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

Chains

40.00 On steep S. slope, 350 ft. above the township cor.; on granite surfacerock, mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S36 | S31
 1922

From which,

A cedar, 10 ins. diam., bears S. 8° E., 22 lks. dist., marked $\frac{1}{4}$ S31 BT.

A cedar, 14 ins. diam., bears S. 63° W., 21 lks. dist., marked $\frac{1}{4}$ S36 BT.

50.80 Ridge, 300 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually.

52.20 Head of draw, 50 ft. below ridge, drains S. 60° W.; ascend gradually.

80.00 On gentle SW. slope, 150 ft. above head of draw. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T33S
 R11E | R12E
 S25 | S30
 S36 | S31
 1922

From which,

A pinon, 14 ins. diam., bears N. 45° E., 5 lks. dist., marked T33S R12E S30 BT.

A pinon, 10 ins. diam., bears S. 18° 30' E., 35 lks. dist., marked T33S R12E S31 BT.

A pinon, 6 ins. diam., bears S. 49° W., 26 lks. dist., marked T33S R11E S36 BT.

A cedar, 14 ins. diam., bears N. 60° 15' W., 10 lks. dist., marked T33S R11E S25 BT.

343
 A SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

Land, broken and mountainous with a general southerly exposure and drainage.
 Soil, shallow clay loam, mixed with loose sandstone and granite.
 Undergrowth, scattering oak and sagebrush.
 Timber, scattering cedar and pinon.
 Good grazing.

North, bet. secs. 25 and 30.

Ascend gradually over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of oak and sagebrush.

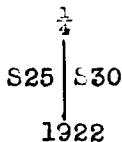
8.70 Top of the main ridge of the Henry Mountains, 100 ft. above cor., bears E. and W.; descend abruptly.

21.00 Draw, 160 ft. below ridge, drains N. 80° E.; ascend abruptly.

28.80 Ridge, 100 ft. above draw, bears N. 80° E. and S. 80° W.; descend abruptly.

39.60 Granite ledge, 60 ft. high, bears NE. and SW.

40.00 At base of ledge, 400 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 No suitable bearing trees available.

63.00 Gulch, 600 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° E.; ascend abruptly.

77.50 Spur, 160 ft. above gulch, projects NE.; descend abruptly.

78.00 Draw, 40 ft. below spur, drains N. 60° E.; ascend abruptly.

80.00 On steep S. slope, 30 ft. above draw; on granite surface-rock, mark a cross (X) at the exact cor. point, over which...

SURVEY OF THE EAST BOUNDARY OF T. 35 S., R. 11 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.

T33S	
R11E	R12E
S24	S19

S25	S30
1922	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
No suitable bearing trees available.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering oak and sagebrush.

Timber, dense cedar and pinon.

Good grazing.

North, bet. secs. 19 and 24.

Ascend abruptly over broken mountainous land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.

23.00 Ridge, bears NE. and SW., 400 ft. above cor.; descend abruptly.

40.00 On gentle N. slope, 200 ft. below ridge; on granite surface rock, mark a cross (X) at the exact cor. point, over which.

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

¼	
S24	S19

1922	

From which,

A pinon, 6 ins. diam., bears S. 51°30' E., 28 lks.

Medist., marked ¼ S19 FT.

A pinon, 8 ins. diam., bears S. 37° W., 21 lks.

II SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

... dist., marked $\frac{1}{2}$ S24 BT.

Draw, 400 ft. below the $\frac{1}{2}$ sec. cor., drains NE.; ascend gradually.

Spur, 30 ft. above draw, projects NE.; descend gradually.

On gentle N. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T33S	
R11E	R12E
S13	S18
S24	S19

1922

From which,

A cedar, 8 ins. diam., bears N. 45° E., 47 lks. dist., marked T33S R12E S18 BT...

A cedar, 8 ins. diam., bears S. 2° E., 150 lks. dist., marked T33S R12E S19 BT.

A cedar, 6 ins. diam., bears S. 16° W., 37 lks. dist., marked BT. Tree too scrubby for other marks.

A cedar, 8 ins. diam., bears N. 30° W., 57 lks. dist., marked T33S R11E S13 BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering sagebrush.

Timber, scattering cedar and pinon.

Good grazing.

North, bet. secs. 13 and 18.

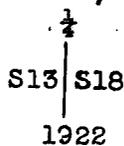
Descend gradually over broken mountainous land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.

Draw, 40 ft. below cor., drains NE.; ascend gradually.

Spur, 60 ft. above draw, projects NE.; descend abruptly.

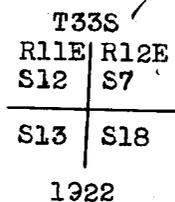
SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

- Chains
- 14.50 Draw, 140 ft. below spur, drains N. 20° W.; ascend gradually.
- 32.50 Spur, 60 ft. above draw, projects NE.; descend gradually.
- 37.60 Draw, 60 ft. below spur, drains E.; ascend gradually.
- 40.00 On gentle S. slope, 30 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A pinon, 10 ins. diam., bears S. 89° E., 86 lks. dist., marked $\frac{1}{4}$ S18 BT.
- A pinon, 10 ins. diam., bears S. 75° W., 95 lks. dist., marked $\frac{1}{4}$ S13 BT.
- 56.00. Ridge, 30 ft. above the $\frac{1}{4}$ sec. cor., bears N. 70° E. and S. 70° W.; descend gradually.
- 80.00. On gentle N. slope of ridge, 60 ft. below top.
- Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.



From which,

- A pinon, 12 ins. diam., bears N. 4° E., 127 lks. dist., marked T33S R12E S7 BT.
- A cedar, 5 ins. diam., bears S. 42° E., 38 lks. dist., marked T33S R12E S18 BT.
- A cedar, 10 ins. diam., bears S. 75° W., 13 lks. dist., marked T33S R11E S13 BT.
- A pinon, 6 ins. diam., bears N. 38° W., 50 lks. dist., marked T33S R11E S12 BT.
- Land, broken and mountainous with a general northerly

exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering sagebrush.

Timber, scattering cedar and pinon.

Good grazing.

North, bet. secs. 7 and 12.

Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.

23.60 Draw, 60 ft. below cor., drains NE.; ascend gradually.

35.00 Spur, 60 ft. above draw, projects NE.; descend gradually.

40.00 On gentle N. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S12/S7

1922

From which,

A cedar, 6 ins. diam., bears N. 68° E., 94 lks. dist., marked $\frac{1}{4}$ S7 BT.

A cedar, 6 ins. diam., bears N. 70° W., 228 lks. dist., marked $\frac{1}{4}$ S12 BT.

48.00 Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.

57.70 Ridge, 70 ft. above draw, bears NE. and SW.; descend gradually.

80.00 On gentle N. slope, 70 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

SURVEY OF THE EAST BOUNDARY OF T. 35 S., R. 11 E.

Chains

T33S	
R11E	R12E
S1	S6
S12	S7

1922

From which,

A pinon, 6 ins. diam., bears N. 50° E., 29 lks. dist., marked T33S R12E S6 BT.

A cedar, 6 ins. diam., bears S. 31° E., 29 lks. dist., marked T33S R12E S7 BT.

A cedar, 6 ins. diam., bears S. 46° W., 13 lks. dist., marked T33S R11E S12 BT..

A cedar, 12 ins. diam., bears N. 39° W., 24 lks. dist., marked T33S R11E S1 BT.

Land, broken with a general easterly exposure and drains

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering sagebrush....

Timber, scattering cedar and pinon.

Good grazing.

North, bet. secs. 1 and 6.

Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.

4.20 Draw, 70 ft. below cor., drains N. 70° E.; ascend abruptly

8.50 The SW. point of sandstone spur, 100 ft. above draw; descend gradually

40.00 On broken N. slope, 80 ft. below point of spur.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S1 S6
1922

SURVEY OF THE EAST BOUNDARY OF T. 33 S., R. 11 E.

From which, ..

A cedar, 6 ins. diam., bears N. 79° E., 53 lks.

dist., marked $\frac{1}{4}$ S6 BT.

A cedar, 8 ins. diam., bears S. 70° W., 40 lks.

dist., marked $\frac{1}{4}$ S1 BT.

49.40 Straight Creek, stream of good water, 5 lks. wide, 4 ins. deep, in gulch, 150 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend abruptly.

62.50 Sandstone ridge, 150 ft. above creek, bears E. and W.; descend abruptly.

67.00 Old wagon road, bears E. to the Trachyte Ranch and W. to Middle Mountain; descent becomes gradual, bears E. and W.

80.00 On gentle N. slope, 200 ft. below ridge.
Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 32 and 33 S., Rs. 11 and 12 E., with brass cap marked.

T32S			
R11E	R12E		
S36	S31		
<table style="border-collapse: collapse; margin: 0 auto;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">S1</td> <td style="padding: 2px;">S6</td> </tr> </table>		S1	S6
S1	S6		
T33S			
1922			

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

No suitable bearing trees available.

Land, broken with a general easterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

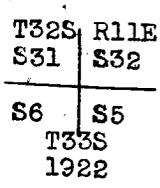
Timber, scattering cedar and pinon.

Good grazing.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.

Chains	
478.16	<p>From the cor. of Ts. 32 and 33 S., Rs. 11 and 12 E. West on random line along the N. bdy. of the township, setting temp. points at intervals of 40, and 80 chs., and at.</p> <p>Intersect the W. bdy. of the township, 120 lks. S. of the cor. of Ts. 32 and 33 S., Rs. 10 and 11 E. The bearing of this bdy., therefore is, S. 89°51' E., and the distance is 478.16 chs.</p>
12.00	<p>Thence, S. 89°51' E., on true line bet. secs. 6 and 31. Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush. Ridge, 40 ft. above car., bears SE. and NW.; descend abruptly.</p>
38.16	<p>On gentle E. slope, 300 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.</p>
48.00	<p style="text-align: center;"> $\begin{array}{r} S31 \\ \frac{1}{4} \text{---} \\ S6 \\ 1922 \end{array}$ </p> <p>From which,</p> <p>A pinon, 8 ins. diam., bears S. 86°15' E., 47 lks. dist., marked $\frac{1}{4}$ S6 BT.</p> <p>A pinon, 8 ins. diam., bears N. 88° W., 10 lks. dist., marked $\frac{1}{4}$ S31 BT.</p> <p>Base of descent, 60 ft. below the $\frac{1}{4}$ sec. cor., bears SE. and NW.; ascend gradually.</p>
49.70	<p>Spur, 60 ft. above base of descent, projects SE.; descend gradually.</p>
57.20	<p>Draw, 80 ft. below spur, drains NE.; ascend gradually.</p>
78.16	<p>On top of spur, 50 ft. above draw, projects NE. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.</p>

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.



From which,

A pinon, 8 ins. diam., bears N. 46°15' E., 18 lks. dist., marked T32S R11E S32 BT.

A pinon, 6 ins. diam., bears S. 30°30' E., 12 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 10 ins. diam., bears S. 62° W., 15 lks. dist., marked T33S R11E S6 BT.

A pinon, 14 ins. diam., bears N. 72° W., 22 lks. dist., marked T32S R11E S31 BT.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°51' E., bet. secs. 5 and 32.

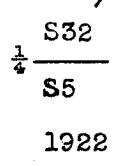
Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

18.50 Draw, 120 ft. below cor., drains NE.; ascend gradually.

20.50 Spur, 40 ft. above draw, projects NE.; descend gradually.

40.00 On gentle E. slope, 40 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

No suitable bearing trees available.

51.40 Swale, 40 ft. below the 1/4 sec. cor., drains S. 20° E.;

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.

Chains

ascend gradually.

61.00 Spur, 30 ft. above swale, projects SE.; descend gradual

80.00 On gentle E. slope, 60 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 4, 5, 32, and 33, with brass cap marked.

T32S	R11E
S32	S33
S5	S4
T33S	
1922	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c

No suitable bearing trees available.

Land, broken with a general easterly exposure and drains

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°51' E., bet. secs. 4 and 33.

Descend gradually over broken land through scattering undergrowth of sagebrush and dense cedar and pinon timber.

6.40 Draw, 40 ft. below cor., drains S. 20° E.; continue gradual descent.

40.00 On gentle E. slope, 250 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

S33
¼
S4
1922

From which,

A pinon, 8 ins. diam., bears N. 17° E., 36 lks. dist., marked ¼ S33 BT.

A pinon, 14 ins. diam., bears S. 36°30' E., 46 lks. dist., marked ¼ S4 BT.

... 454
 SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.

Draw, 100 ft. below the $\frac{1}{2}$ sec. cor., drains S. 20° E.; ascend gradually.

Spur, 40 ft. above draw, projects S.; descend gradually.

Coyote Creek, stream of good water, 5 lks. wide, 3 ins. deep, in gulch, 150 ft. below spur, drains NE.; ascend abruptly.

On top of spur, projects NE., 80 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T32S	R11E
S33	S34
S4	S3
T33S	
1922	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No suitable bearing trees available.

Land, broken with a general southeasterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

S. 89°51' E., bet. secs. 3 and 34.

Descend gradually over broken land through scattering undergrowth of sagebrush, and dense cedar timber.

5.00 Draw, 40 ft. below cor., drains NE.; ascend abruptly.

14.00 Ridge, 130 ft. above draw, bears NE. and SW.; descend abruptly.

37.00 Enter rolling bench land, bears NE. and SW.; thence descend gradually over rolling top of bench; leave timber, bears NE. and SW.

40.00 On rolling bench land, 350 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.

Chains

S34
 $\frac{1}{4}$
 S3

1922

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
- 56.00 Draw, 20 ft. deep, drains S. 60° E.
- 80.00 On rolling bench land, 150 ft. below the $\frac{1}{4}$ sec. cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 ground, for cor. of secs. 2, 3, 34 and 35, with brass
 cap marked.

T32S	R11E
S34	S35
S3	S2
T33S	
1922	

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of c
- Land, rolling with a general easterly exposure and drain
- Soil, shallow clay loam, mixed with loose sandstone.
- Undergrowth, scattering sagebrush.
- Timber, dense cedar on W. portion of mile.
- Fair grazing.

S. $89^\circ 51'$ E., bet. secs. 2 and 35.
 Descend gradually over rolling bench land through scatter
 ing undergrowth of sagebrush.

- 17.50 Draw, 40 ft. deep, drains N. 30° E.; small seep of good
 water in bottom of draw.
- 23.00 Spur, 40 ft. high, projects N. 20° E.
- 24.60 Draw, 60 ft. deep, drains NE.
- 31.00 Draw, 40 ft. deep, drains N.
- 40.00 On rolling top of bench.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S35
 $\frac{1}{4}$
 S2

1922

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of c
- 42.80 Draw, 20 ft. deep, drains N.
- 77.40 Road, bears N. 20° E. to Hanksville, Ut. and S. 20° W.

BOOK A-464
 SURVEY OF THE NORTH BOUNDARY OF T. 33 S., R. 11 E.

to South Mountain.

On gentle E. slope of bench.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T32S	R11E
S35	S36
S2	S1
T33S	
1922	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling bench land with a general easterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

No timber.

Fair grazing.

S. 89°51' E., bet. secs. 1 and 36.

Descend gradually over rolling top of bench through scattering undergrowth of sagebrush.

40.00 On gentle E. slope of bench, 200 ft. below the sec. cor.

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

S36
¼
S1
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

76.60 Draw, 50 ft. deep, 2.00 chs. wide, drains N. 20° E.

80.00 The cor. of Ts. 32 and 33 S., Rs. 11 and 12 E., 350 ft. below the ¼ sec. cor.

Land, rolling top of bench with a general easterly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone.

Undergrowth, scattering sagebrush.

No timber.

Fair grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township.

N. 0°01' W., bet. secs. 35 and 36.

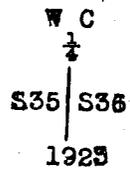
Ascend abruptly over broken mountainous land through dense timber and scattering undergrowth.

16.30

Ridge, 330 ft. above cor., bears SE. and NW.; a granite point, approximately 100 ft. high, 130 ft. diam., bears W., 150 lks. dist.; continue abrupt ascent over steep SE. slope.

36.78

On top of spur, 600 ft. above ridge, projects E. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No suitable bearing trees available. Descend abruptly.

40.00

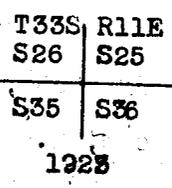
Point for the 1/4 sec. cor., falls on loose slide rock on steep N. slope, where a permanent cor. cannot be set.

69.00

Trail Creek, Stream of good water, 2 lks. wide, 2 ins. deep, in gulch 460 ft. below spur, drains SE.; ascend abrupt S. slope

80.00

On steep S. slope, 200 ft. above stream. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No suitable bearing trees available.

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

Soil, shallow clay loam, mixed with loose granite.

363

SUBDIVISION OF T. 33 S., R. 11 E.

Undergrowth, scattering oak and sage brush.
 Timber, dense cedar, pinon, red and yellow pine.
 Good grazing.

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

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

79.96 Intersect the E. bdy. of the township, 5 lks. S. of the cor. of secs. 25, 30, 31 and 36.

Thence, S. $89^{\circ}58'$ W., on true line bet. secs. 25 and 36.

Descend gradually over broken mountainous land through medium dense timber and undergrowth.

20.00 Rocky draw, 120 ft. below cor., drains S.; ascend abruptly.

21.70 Spur, 70 ft. above draw, projects SE.; descend gradually.

26.00 Small draw, 50 ft. below spur, drains S.; ascend abruptly.

27.50 Spur, 70 ft. above draw, projects S.; descend abruptly, over broken SE. slope.

29.00 Gulch, 5 ft. below spur, drains SE.; ascend abruptly, over broken E. slope.

32.28 On broken E. slope, 300 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

\$25

\$36

From which,

1923

A pinon, 6 ins. diam., bears S. 32° W., 73 lks. dist., marked $\frac{1}{4}$ S36 BT.

A pinon, 5 ins. diam., bears N. 55° W., 40 lks. dist., marked $\frac{1}{4}$ S25 BT.

50.00 Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend abruptly over broken SW. slope.

72.26 The cor. of secs. 25, 26, 35 and 36, 300 ft. below spur.

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

Soil, shallow sand and clay loam, mixed with loose granite.

Undergrowth, medium dense oak, buck, sage and bitter brush.

Timber, medium dense cedar and pinon. Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

N. 0°01' W., bet. secs. 25 and 26.

Ascend abruptly over broken S. slope through medium timber and undergrowth.

2.40 Slope changes from S. to SE.

40.00 On broken SE. slope, 200 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S26 | S25

1923

From which,

A mahogany, 4 ins. diam., bears N. 75° E., 30 lks. dist., marked $\frac{1}{4}$ S25 BT.

No other suitable bearing tree available.

57.00 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of Spur, 400 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; cont abrupt ascent.

72.00 Top of the main ridge of the Henry Mountains, 150 ft. above spur, bears NE. and SW.; descend abrupt NW. slope.

80.00 On broken NW. slope, 100 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 23, 24, 25, and 26, with brass cap marked.

T33S R11E
S23 | S24

S26 | S25

1923

Deposit a memorial at base of post. which is a granite, 8 x 5 x 5 ins., marked with a cross (X).

No other accessories available.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay, mixed with loose granite.

SUBDIVISION OF T. 33 S., R. 11 E.

Remains

X Undergrowth, medium dense sage, oak, and buck brush.
 Timber, medium dense cedar, pinon, red and yellow pine.
 Good grazing.

N. 89°58' E., on random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the E. bdy. of the township, 12 lks. N. of the cor. of secs. 19, 24, 25 and 30.

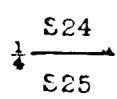
Thence,

N. 89°57' W., on true line bet. secs. 24 and 25.

Ascend abruptly over broken mountainous land through medium dense growth of timber and undergrowth.

40.10 On broken SE. slope, 1130 ft. above the sec. cor.

Set and iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.



1923

From which,

A pinon, 15 ins. diam., bears N. 48° E., 117 lks. dist., marked 1/4 S24 BT.

No other suitable bearing tree available.

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

64.60 Spur, 660 ft. above the 1/4 sec. cor., projects NE.; descend abrupt NW. slope.

80.20 The cor. of secs. 23, 24, 25 and 26, 230 ft. below spur.

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

Undergrowth, medium dense sage, oak; buck, and bitter brush.

Timber, medium dense cedar and pinon.

Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

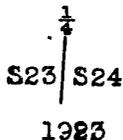
Chains

N. 0°01' W., bet. secs. 23 and 24.

Descend abrupt NW. slope over mountainous land through medium dense timber and undergrowth.

40.00 On steep NW. slope, 600 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of No suitable bearing trees available.

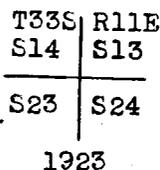
51.50 Draw, 200 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradual SE. slope.

63.80 Spur, 150 ft. above draw, projects E.; descend gradually

68.00 Draw, 320 ft. below spur, drains NE.; ascend abruptly.

80.00 On steep S. slope, 250 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of No suitable bearing trees available.

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

Soil, shallow clay, mixed with loose granite.

Undergrowth, medium dense growth of sage, oak, buck, and bitter brush.

Timber, medium dense cedar and pinon.

Good grazing.

S. 89°57' E., on random line bet. secs. 13 and 24.

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

80.02 Intersect the E. bdy. of the township, 7 lks. N. of the

SUBDIVISION OF T. 33 S., R. 11 E.

cor. of secs. 13, 18, 19, and 24.

Thence,

N. 89°54' W., on true line bet. secs. 13 and 24.

Descend gradually over broken mountainous land through medium dense timber and undergrowth.

2.50 Draw, 50 ft. below cor., drains N.; ascend gradually.

17.70 Spur, 30 ft. above draw, projects N. 15° W.; descend.

38.00 Draw, 50 ft. below spur, drains N. 15° E.; descend gradually.

40.01 On gentle N. slope, 50 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S13

 $\frac{1}{4}$
S24

1923

From which,

A pinon, 5 ins. diam., bears N. 8°45' E., 25 lks. dist., marked $\frac{1}{4}$ S13 BT.

A pinon, 5 ins. diam., bears S. 51°30' E., 100 lks. dist., marked $\frac{1}{4}$ S24 BT.

49.00 Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains N. 15° E.; ascend gradually over NE. slope.

56.00 Spur, 40 ft. above draw, projects N.; descend gradually over NW. slope.

59.00 Draw, 20 ft. below spur, drains N. 15° E.; ascend gradually.

80.02 The cor. of secs. 13, 14, 23, and 24, 270 ft. above draw.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow clay, mixed with loose granite.

Undergrowth, medium dense sage brush.

Timber, medium dense cedar and pinon.

Good grazing.

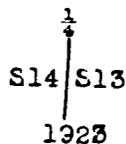
SUBDIVISION OF T. 33 S., R. 11 E.

Chains

N. 0°01' W., bet. secs. 13 and 14,

Ascend gradually over mountainous land through medium dense growth of timber and undergrowth.

- 1.70 Spur, 30 ft. above cor., projects NE.; continue gradual ascent, along NW. slope of spur.
- 15.80 Spur, 100 ft. above last spur, projects W.; descend gradually along NW. slope.
- 29.60 Draw, 120 ft. below spur, drains NE.; ascend gradually.
- 31.20 Spur, 30 ft. above draw, projects NE.; descend gradually
- 40.00 On gentle NW. slope, 60 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

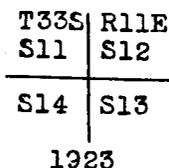


From which,

A cedar, 4 ins. diam., bears S. 87°15' E., 42 lks. dist., marked $\frac{1}{4}$ S13 BT.

A cedar, 4 ins. diam., bears N. 33°30' W., 76 lks. dist., marked $\frac{1}{4}$ S14 BT.

- 75.00 Small stream of good water, 3 lks. wide, 3 ins. deep, in draw, 200 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.
- 80.00 On W. bank of wash, 20 ft. above draw.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No suitable bearing trees available.

Land, mountainous with a general northerly exposure and drainage.

Soil, shallow clay mixed with loose granite.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Undergrowth, medium dense sagebrush and shadscale.
Timber, medium dense cedar and pinon.
Good grazing.

S. 89°54' E., on random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 7, 12, 13, and 18.

Thence,

N. 89°52' W., bet. secs. 12 and 13.

Descend gradually over rolling land, through medium dense timber and undergrowth.

1.00 Draw, 30 ft. below cor., drains N. 30° E.; ascend gradually.

4.50 Spur, 30 ft. above draw, projects N., 30° E.; descend gradually.

10.00 Draw, 40 ft. below spur, drains NE.; ascend abruptly.

17.10 Spur, 100 ft. above draw, projects NW.; descend gradually.

21.00 Draw, 40 ft. below spur, drains N. 30° E.; ascend abruptly.

24.50 Ascent becomes more gradual, bears N. and S.

37.00 Ridge, 110 ft. above draw, bears N. 60° E. and S. 60° W.; descend gradually.

40.00 On gentle NW. slope, 20 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., .27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S12
1/4
S13
1923

From which,

A cedar, 8 ins. diam., bears S. 31° W., 6 1/2 lks. dist., marked 1/4 S13 BT.

A pinon, 8 ins. diam., bears N. 53° W., 8 1/2 lks. dist., marked 1/4 S12 BT.

49.00 Draw, 50 ft. below the 1/4 sec. cor., drains N.; ascend gradually.

58.00 Spur, 50 ft. above draw, projects N.; descend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains	
62.50	Draw, 20 ft. below spur, drains N. 30° E.; ascend gradually.
65.30	Ridge, 30 ft. above draw, bears N. and S.; from this point, the W. chimney on Ben Gibbon's ranch house, bears N. 34° W.; descend gradually.
68.50	Draw, 40 ft. below ridge, drains N.; ascend gradually.
73.50	Spur, 20 ft. above draw, projects N.; descend gradually.
75.70	Brush fence, bears N. and S.
77.85	Stream, of good water, 8 lks. wide, 2 ins. deep, in draw, 20 ft. below spur, drains N. 20° E.; thence over rolling land.
79.70	Wash, 20 lks. wide, 3 ft. deep, drains N.
80.00	<p>The cor. of secs. 11, 12, 13, and 14.</p> <p>Land, rolling with a general northerly exposure and drainage.</p> <p>Soil, loose clay and sand, mixed with loose sandstone and granite.</p> <p>Undergrowth, medium dense sagebrush, shadscale, and oak-brush.</p> <p>Timber, medium dense cedar and pinon.</p> <p>Good grazing.</p>
	N. 0°01' W., bet. secs. 11 and 12.
	Over rolling land through scattering timber and undergrowth.
.80	Brush fence, bears NE. and SW.
1.00	Old road, bears NE. and SW.
5.40	Brush fence, bears SE. and NW.
9.75	The W. chimney on Ben Gibbon's ranch house, bears N. 38°10' E.
11.80	Irrigation ditch, 4 lks. wide, 12 ins. deep, drains N. 60° E.
14.50	The center of Ben Gibbon's garden, bears N. and S., 70 lks. and E. and W., 250 lks.
19.10	Road, bears NE. to Ben Gibbon's ranch and SW. to Hanksville, Ut.

SUBDIVISION OF T. 33 S., R. 11 E.

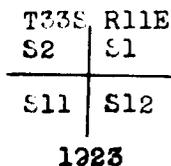
- 30.40 Wash, 20 lks. wide, 5 ft. deep, drains NE.
 33.60 Enter alfalfa field, bears E. and W.
 39.80 Leave alfalfa field, bears NE. and SW.
 55.90 The E. point of low spur, 20 ft. high; descend gradually.
 58.40 Wash, 30 lks. wide, 20 ft. deep, drains NW.
 40.00 On gentle W. slope, 30 ft. below spur.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Dig pits, 18 x 18 x 12 ins., N. and S. from post, 3 ft. dist.

No other accessory available.

- 43.80 Wash, 50 lks. wide, 30 ft. deep, drains N. 10° E.; stream of good water, 7 lks. wide, 2 ins. deep, in bottom of wash; 3 wire fence, bears N. 75° E. and S. 75° W.
 49.80 Recross same wash, drains N. 10° W., 50 ft. below the $\frac{1}{4}$ sec. cor.; thence ascend gradually.
 62.30 Spur, 80 ft. above wash, projects NW.; descend gradually.
 80.00 On broken N. slope, 110 ft. below spur.
 Set an iron post, 7 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 No suitable bearing trees available.

Land, rolling with a general northerly exposure and drainage.

Soil, shallow loose sand and clay, mixed with loose granite and sandstone.

Undergrowth, scattering sage and oak brush.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains	
	Timber, scattering cedar and pinon. Good grazing.
	S. 89°52' E., on random line bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.30	Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 1, 6, 7, and 12.
	Thence,
	N. 89°56' W., on true line bet. secs. 1 and 12.
	Ascend gradually over rolling land through scattering timber and undergrowth.
16.50	Spur, 100 ft. above cor., projects NW.; descend gradually
23.60	Draw, 30 ft. below spur, drains NW.; ascend gradually.
30.00	Spur, 30 ft. above draw, projects NE.; continue gradual ascent.
39.35	On gentle E. slope, 40 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S1 \\ \frac{1}{4} \\ \hline S12 \\ 1923 \end{array}$
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	No bearing trees available.
42.60	Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend gradually.
50.00	Draw, 30 ft. below spur, drains N.; ascend gradually.
57.00	Spur, 30 ft. above draw, projects NW.; continue gradual ascent.
73.00	Spur, 100 ft. above last spur, projects N., 3.00 chs. dist.; small spring of good water, bears S. of line, 50 lks. dist.; descend gradually.
79.30	The cor. of secs. 1, 2, 11, and 12, 20 ft. below spur.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sand and clay, mixed with loose granite and sandstone.

SUBDIVISION OF T. 33 S., R. 11 E.

Undergrowth, scattering shadscale and sagebrush.
Timber, scattering cedar and pinon.
Fair grazing.

N. 0°01' W., on random line bet. secs. 1 and 2.

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

79.32 Intersect the N. bdy. of the township, 2 lks. E. of the cor. of secs. 1, 2, 35, and 36.

Thence,

S. 0°02' E., on true line bet. secs. 1 and 2.

Descend gradually over rolling land through scattering timber and undergrowth.

2.30 Draw, 30 ft. below cor., drains E.; ascend gradually.

16.60 Road, bears E. to Trachyte Ranch and W. to Middle Mountain.

32.70 Ridge, 70 ft. above draw, bears E. and W.; descend gradually.

36.70 Draw, 60 ft. below ridge, drains SE.; ascend gradually.

39.32 On steep NE. slope of spur, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a memorial at base of post, which is a granite, 8 x 8 x 4 ins., marked with a cross (X).

No other suitable accessories available.

40.40 Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradually.

48.00 Straight Creek, stream of good water, 10 lks. wide, 4 ins. deep, in gulch, 30 ft. below spur, drains E.; ascend gradually.

79.32 The cor. of secs. 1, 2, 11, and 12, 270 ft. above creek.

Land, rolling with a general easterly exposure and drainage.

Soil, shallow clay and sand, mixed with loose granite and sandstone.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Undergrowth, scattering shadscale and sagebrush.
 Timber, scattering cedar and pinon.
 Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.

N. 0°01' W., bet. secs. 34 and 35.

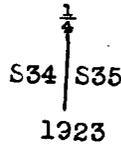
Ascend abruptly over broken mountainous land through medium dense growth of timber and undergrowth.

10.00 Spur, 160 ft. above cor., projects NE.; descend abruptly.

27.00 Draw, 250 ft. below spur, drains SE.; ascend abruptly.

40.00 On broken SW. slope, 220 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

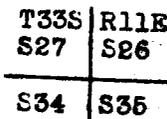
A mahogany, 4 ins. diam., bears S. 15° E., 62 lks. dist., marked $\frac{1}{4}$ S35 BT.

A mahogany, 5 ins. diam., bears N. 10° W., 70 lks. dist., marked $\frac{1}{4}$ S34 BT.

66.00 Spur, 1000ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend abruptly.

80.00 On gentle N. slope, 320 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 26, 27, 34, and 35, with brass cap marked.



From which,

A fir, 8 ins. diam., bears N. 37° E., 45 lks. dist., marked T33S.R11E S26 BT.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

A fir, 12 ins. diam., bears S. 51° E., 77 lks. dist.,
marked T33S R11E S35 BT.

A fir, 14 ins. diam., bears S. 39° W., 66 lks. dist.,
marked T33S R11E S34 BT.

A fir, 18 ins. diam., bears N. 70° W., 80 lks. dist.,
marked T33S R11E S27 BT.

Land, rough and mountainous with a general southeasterly exposure and drainage.

Soil, shallow loose clay and sand, mixed with loose granite and sandstone.

Undergrowth, medium dense sage and oak brush.

Timber, medium dense, cedar, pinon, fir, red and yellow pine.

Good grazing.

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

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

79.36 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 abruptly over steep SE. slope through medium dense timber and undergrowth.

39.98 On steep SE. talus slope, 440 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S26 \quad \checkmark \\ \hline \frac{1}{4} \\ S35 \end{array}$$

1323

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. ✓

No suitable bearing trees available.

Continue abrupt ascent.

79.36 The cor. of secs. 26, 27, 34, and 35, 1070 ft. above the $\frac{1}{4}$ sec. cor.

Land, rough and mountainous with a general southeasterly exposure and drainage.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Soil, shallow clay and sand, mixed with loose granite.
 Undergrowth, medium dense sage and oak brush.
 Timber, medium dense cedar, pinon, red and yellow pine.
 Good grazing.

N. 0°01' W., bet. secs. 26 and 27.

Ascend abrupt SE. slope of the main ridge of the Henry Mountains through medium dense timber and undergrowth.

15.20 Top of the main ridge of the Henry Mountains, 1350 ft. above cor., bears NE. and SW.; descend abrupt NW. slope

40.00 On steep NW. slope of ridge, 1110 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S27 | S26 \\ 1923 \end{array}$$

From which,

An aspin, 4 ins. diam., bears S. 47°30' E., 19 lks. dist., marked $\frac{1}{4}$ S26 BT.

A fir, 5 ins. diam., bears N. 88°30' W., 66 lks. dist., marked $\frac{1}{4}$ S27 BT.

66.80 Slope becomes more gradual, bears NE. and SW.

80.00 On gentle N. slope, 840 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 22, 23, 26, and 27, with brass cap marked.

$$\begin{array}{c} \begin{array}{|l|l|} \hline T33S & R11E \\ \hline S22 & S23 \\ \hline S27 & S26 \\ \hline \end{array} \\ 1923 \end{array}$$

From which,

A yellow pine, 6 ins. diam., bears N. 59°15' E.; 124 lks. dist., marked T33S R11E S23 BT.

A yellow pine, 12 ins. diam., bears S. 52°45' E., 62 lks. dist., marked T33S R11E S26 BT.

SUBDIVISION OF T. 33 S., R. 11 E.

ins

A yellow pine, 16 ins. diam., bears S. 48°15' W., 91 lks. dist., marked T33S R11E S27 BT.

A yellow pine, 6 ins. diam., bears N. 77°45' W., 55 lks. dist., marked T33S R11E S22 BT.

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

Soil, loose sliderock and shallow sand and clay mixed with loose granite.

Undergrowth, medium dense sage, oak, and bitter brush.

Timber, medium dense cedar, pinon, red and yellow pine.

Good grazing.

N. 89°58' E., on random line bet. secs. 23 and 26.

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

79.80 Intersect the N. and S. line, 26 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence,

N. 89°51' W., on true line bet. secs. 23 and 26.

Descend abruptly over broken mountainous land through medium dense timber and undergrowth.

16.70 Draw, 380 ft. below cor., drains NW.; ascend abrupt NE. slope.

34.50 Ridge, 330 ft. above draw, bears N. and S.; descend abruptly.

39.90 On steep W. slope, 200 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23
 $\frac{1}{4}$ ———
 S26
 1923

From which,

A pinon, 14 ins. diam., bears N. 30° E., 50 lks. dist., marked $\frac{1}{4}$ S23 BT.

No other suitable bearing tree available.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

47.00 Draw, 150 ft. below the $\frac{1}{4}$ sec. cor., drains N.; small spring of good water bears S., 5.00 chs. dist.; ascend abruptly.

61.60 Spur, 80 ft. above draw, projects N. 30° E.; descend abruptly.

66.00 Draw, 40 ft. below spur, drains N. 30° E.; ascend abruptly.

79.80 The cor. of secs. 22, 23, 26 and 27, 270 ft. above draw. Land, broken and mountainous with a general northerly exposure and drainage. Soil, loose sliderock and shallow clay and sand, mixed with loose granite. Undergrowth, medium dense sage, oak, buck and bitter brush. Timber, medium dense cedar, pinon, red and yellow pine. Good grazing.

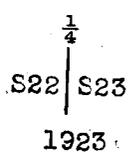
N. 0°01' W., bet. secs. 22 and 23.

Descend gradually over rolling land through scattering timber and medium dense undergrowth.

35.50 Draw, 800 ft. below cor., drains NE.; ascend gradually.

40.00 On gentle E. slope, 40 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

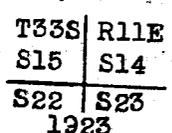


Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

43.40 Top of ascent, 20 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence descend gradually.

68.30 Draw, 260 ft. below top of ascent, drains NE.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked.



SUBDIVISION OF T. 33 S., R. 11 E.

chains

From which,

A pinon, 8 ins. diam., bears N. $37^{\circ}30'$ E., 75 lks. dist., marked T33S R11E S14 BT.

A pinon, 8 ins. diam., bears S. $72^{\circ}15'$ E., 55 lks. dist., marked T33S R11E S23 BT.

A pinon, 5 ins. diam., bears S. $46^{\circ}30'$ W., 67 lks. dist., marked T33S R11E S22 BT.

A cedar, 6 ins. diam., bears N. $59^{\circ}45'$ W., 64 lks. dist., marked T33S R11E S15 BT.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, mixed with loose granite.

Undergrowth, medium dense sage and oak brush.

Timber, scattering cedar, pinon, red and yellow pine.

Good grazing.

S. $89^{\circ}51'$ E., on random line bet. secs. 14 and 23.

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

79.80 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N. $89^{\circ}55'$ W., on true line bet. secs. 14 and 23.

Ascend gradually over broken mountainous land through medium dense timber and undergrowth.

3.70 Ridge, 30 ft. above cor., bears NE. and SW.; descend gradually.

15.50 Draw, 140 ft. below ridge, drains NE.; continue gradual descent.

31.80 Base of descent, 100 ft. below draw, bears NE. and SW.; thence over rolling land.

39.90 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14
 $\frac{1}{4}$
S23
1923

SUBDIVISION OF T. 36 N., R. 12 E.

Chains

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of
No suitable bearing trees available.

43.00 Stream of good water, 4 lks. wide, 3 ins. deep, in draw,
20 ft. deep, drains NE.; ascend gradually.

45.00 Draw, 180 ft. above stream, drains NE.; continue gradual
ascend.

72.00 Spur, 100 ft. above draw, projects N.; descend gradually.

73.30 Draw, 50 ft. below spur, drains NE.; ascend gradually.

77.80 The cor. of secs. 14, 15, 22, and 23, 40 ft. above draw.
Land, broken and mountainous with a general northeasterly
exposure and drainage.

Soil, shallow clay and sand, mixed with loose granite.

Undergrowth, medium dense sage and oak brush.

Timber, medium dense cedar and pinon.

Good grazing.

N. 0°01' W., bet. secs. 14 and 15.

Ascend gradually over rolling land through medium dense
timber and undergrowth.

3.70 Spur, 30 ft. above cor., projects E.; descend gradually.

41.00 On rolling land, 440 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground on bedrock and in a large mound of stone, for
1/2 sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{2} \\ 815 \overline{) 816} \\ \underline{815} \\ 1223 \end{array}$$

From which,

A cedar, 4 ins. diam., bears S. 70° E., 30 lks. dist.,
marked 1/2 816 BT.

A cedar, 6 ins. diam., bears N. 78°30' W., 40 lks. dist.,
marked 1/2 815 BT.

84.80 Draw, 120 ft. below the 1/2 sec. cor., drains NE.; ascend
gradually.

87.10 Spur, 60 ft. above draw, projects E.; descend gradually.

88.00 On broken W. slope, 200 ft. below spur.

SUBDIVISION OF T. 33 S., R. 11 E.

MINS

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap marked.

T33S	R11E
S10	S11
S15	S14

1923

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No suitable bearing trees available.

Land, rolling with a general northeasterly exposure and drainage.

Undergrowth, medium dense sage and oak brush.

Timber, medium dense cedar and pinon.

Good grazing.

S. $89^{\circ}55'$ E., on random line bet. secs. 11 and 14.

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

80.00 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence,

N. $89^{\circ}54'$ W., on true line bet. secs. 11 and 14.

Ascend gradually over rolling land through medium dense timber and undergrowth.

.45 Brush fence, bears N. and S.

1.70 Old road, bears NE. and SW.

3.40 Irrigation ditch, 5 lks. wide, 12 ins. deep, drains NE.

6.30 The N. point of spur, 60 ft. above cor.; descend gradually.

10.00 Gulch, 50 ft. below spur, drains N. 30° E.; ascend gradually.

17.00 Spur, 60 ft. above gulch, projects S. 80° E.; descend gradually.

20.00 Draw, 30 ft. below spur, drains SE.; ascend gradually.

27.50 Bend in ridge, 70 ft. above draw, bears N. 30° E. and S.; descend gradually.

32.00 Draw, 60 ft. below ridge, drains N. 30° E.; ascend gradually.

4404
SUBDIVISION OF T. 33 S., R. 11 E.

Chains

- 37.50 Spur, 30 ft. above draw, projects N.; descend gradually.
- 40.00 On gentle W. slope, 20 ft. below spur, on sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S11
 $\frac{1}{4}$
S14
1923

From which,

A pinon, 8 ins. diam., bears N. 20°30' E., 83 lks. dist., marked $\frac{1}{4}$ S11 BT.

A pinon, 8 ins. diam., bears S. 28° W., 135 lks. dist., marked $\frac{1}{4}$ S14 BT.

- 57.20 Draw, 150 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.
- 63.50 Ridge, 80 ft. above draw, bears N. and S.; descend gradually.
- 67.40 Draw, 40 ft. below ridge, drains N.; ascend gradually.
- 69.30 Spur, 30 ft. above draw, projects N.; descend gradually.
- 77.80 Draw, 80 ft. below spur, drains N.; ascend gradually.
- 80.00 The cor. of secs. 10, 11, 14, and 15, 40 ft. above draw.
Land, rolling with a general northerly exposure and drainage.
Soil, shallow clay and sand, mixed with loose sandstone and granite.
Undergrowth, medium dense sage and oak brush.
Timber, medium dense cedar and pinon.
Good grazing.

N. 0°01' W., bet. secs. 10 and 11.

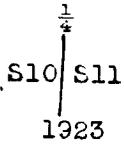
Descend gradually over rolling land through dense timber and undergrowth.

- 8.20 Benson Creek, stream of good water, 5 lks. wide, 4 ins. deep, in draw, 50 ft. below cor., drains NE.; ascend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

chains

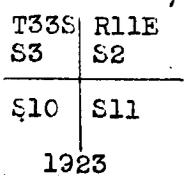
- 8.40 Road, bears NE. to Standard Chemical Company Ranch and SW. to Star Ranch.
- 10.30 Spur, 20 ft. above stream, projects NE.; descend gradually.
- 15.00 Draw, 40 ft. below spur, drains N. 10° E.; ascend gradually.
- 29.30 Spur, 40 ft. above draw, projects NE.; descend gradually.
- 30.00 Head of draw, 20 ft. below spur, drains SE.; ascend gradually.
- 40.00 On steep SE. slope, 50 ft. above head of draw.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A pinon, 10 ins. diam., bears N. 50°30' E., 117 lks. dist., marked $\frac{1}{4}$ S11 BT.
- A pinon, 10 ins. diam., bears S. 13° W., 138 lks. dist., marked $\frac{1}{4}$ S10 BT.

- 41.00 Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend abruptly.
- 50.30 Draw, 120 ft. below spur, drains NE.; small stream of water, 2 lks. wide, 2 ins. deep, in bottom of draw, stream heads 2.00 chs. SW. of line; ascend gradually.
- 62.70 Spur, 50 ft. above draw, projects NE.; descend gradually.
- 75.00 Timber becomes scattering, bears E. and W.
- 80.00 On broken N. slope, 180 ft. below spur.
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.



Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
No suitable bearing trees available.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains	
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow clay and sand, mixed with loose sandstone.
	Undergrowth, dense sage and oak brush
	Timber, dense cedar and pinon.
	Good grazing.
	S. 89°54' E., on random line bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 1, 2, 11, and 12.
	Thence,
	N. 89°57' W., on true line bet. secs. 2 and 11.
	Descend gradually over rolling land through scattering timber and undergrowth.
10.90	Draw, 30 ft. below cor., drains N.; ascend gradually.
16.80	Spur, 50 ft. above draw, projects NE.; descend gradually.
27.60	Draw, 40 ft. below spur, drains NE.; ascend gradually.
38.00	Spur, 70 ft. above draw, projects NW.; descend gradually.
39.95	On rolling land, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S2 \\ \frac{1}{4} \\ \hline S11 \\ 1923 \end{array}$
	From which,
	A cedar, 5 ins. diam., bears S. 25°45' W., 240 lks. dist., marked $\frac{1}{4}$ S11 BT.
	A cedar, 5 ins. diam., bears N. 68°45' W., 217 lks. dist., marked $\frac{1}{4}$ S2 BT.
	From this cor., the chimney on the Standard Chemical Ranch House, bears S. 45° W., 28.00 chs. dist.
	The N. end of hay field, bears S., 3.00 chs. dist.
40.90	Road, bears NE. to Hanksville, Ut. and SW. to the Standard Chemical Company's ranch.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

- 49.20 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.
- 55.00 Rocky spur, 50 ft. above draw, projects N.; continue gradual ascent.
- 59.30 Draw, 20 ft. deep, drains NE.; continue gradual ascent.
- 72.30 The cor. of secs. 2, 3, 10, and 11, 50 ft. above draw. Land, rolling with a general northerly exposure and drainage. Soil, shallow sand and clay, mixed with loose granite. Undergrowth, scattering greasewood, sage and oak brush. Timber, scattering cedar and pinon. Good grazing.

N. $0^{\circ}02'$ W., on random line bet. secs. 2 and 3.

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

80.17 Intersect the N. bdy. of the township, 2 lks. W. of the cor. of secs. 2, 3, 34, and 35.

Thence,

S. $0^{\circ}01'$ E., on true line bet. secs. 2 and 3.

Descend gradually over broken land through scattering timber and undergrowth.

2.20 Draw, 20 ft. below cor., drains E.; ascend gradually.

14.00 Wash, 30 lks. wide, 10 ft. deep, drains NE.

28.00 Spur, 40 ft. above draw, projects NE.; descend gradually.

30.00 Draw, 20 ft. below spur, drains NE.; ascend gradually.

40.17 On top of spur, 100 ft. above draw, projects E.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S3 | S2
 1923

Deposit a memorial at base of post, which is a granite, 8 x 8 x 8 ins., marked with a cross (X).

From this cor., the Standard Chemical Company ranch house, bears S. $18^{\circ}41'$ E.

SUBDIVISION OF T. 33 S., R. 21 E.

- | | |
|--------|---|
| Chains | No other accessories available. |
| 45.00 | Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually. |
| 47.60 | Spur, 60 ft. above draw, projects E.; descend gradually. |
| 54.10 | Road, bears N. 75° E. to the Trachyte Ranch and S. 75° W. to Middle Mountain. |
| 54.50 | Ridge, 30 ft. below spur, bears E. and W.; continue gradual descent. |
| 71.00 | Straight Creek, stream of good water, 10 lks. wide, 4 ins. deep, in gulch, 80 ft. below ridge, drains E.; ascend gradually. |
| 76.50 | Spur, 80 ft. above stream, projects E.; descend gradually. |
| 78.50 | Draw, 40 ft. below spur, drains NE.; ascend gradually. |
| 80.17 | The cor. of secs. 2, 3, 10, and 11, 30 ft. above draw.
Land, broken with a general easterly exposure and drainage.
Soil, shallow clay and sand, mixed with loose sandstone.
Undergrowth, scattering shadscale and sagebrush.
Timber, scattering cedar and pinon.
Good grazing. |

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township.

N. 0°02' W., bet. secs. 33 and 34.

Ascend gradually over broken mountainous land through dense timber and undergrowth.

21.00 Ridge, 150 ft. above cor., bears W., and E. 2000 chs, to high ridge bearing N. and S.; descend gradually along steep W. slope of ridge.

40.00 On steep W. slope of ridge, 230 ft. below top.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S33 | S34
 1923.

From which,

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

A balsam, 6 ins. diam., bears N. 65° E., 14 lks. dist., marked ¼ S34 BT.

A balsam, 6 ins. diam., bears S. 80° W., 16 lks. dist., marked ¼ S33 BT.

46:30 The main ridge of the Henry Mountains, 40 ft. below the ¼ sec. cor., bears SE: and NW.; descend abrupt NE. slope of ridge.

80.00 On steep NE. slope, 850 ft. below top of ridge. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33, and 34, with brass cap marked.

T33S	R11E
S28	S27
S33	S34

1923

From which,

A red pine, 12 ins. diam., bears N. 55° E., 22 lks. dist., marked T33S R11E S27 BT.

A balsam, 6 ins. diam., bears S. 84° E., 16 lks. dist., marked T33S R11E S34 BT.

A red pine, 6 ins. diam., bears S. 58° W., 18 lks. dist., marked T33S R11E S33 BT.

A red pine, 6 ins. diam., bears N. 46° W., 16 lks. dist., marked T33S R11E S28 BT.

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

Soil, shallow clay, mixed with loose granite.

Undergrowth, dense service, sage, and buck brush.

Timber, dense aspen, fir, balsam, and red pine.

Good grazing.

East, on random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

79.88 Intersect the N. and S. line, 23 lks. N. of the cor. of secs. 26, 27, 34, and 35.

Thence, \

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

N. 89°50' W., on true line bet. secs. 27 and 34.

Ascend abruptly over steep SE. slope of the main ridge of the Henry Mountains through dense timber and scattering undergrowth.

17.50 Top of the main ridge of the Henry Mountains, 420 ft. above cor., bears NE. and SW.; descend abruptly.

34.00 Gulch, 450 ft. below ridge, drains N. 20° W.; ascend abruptly.

39.34 On steep NE. slope, 50 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{4} \text{ S27} \\ \hline \text{S34} \\ 1923 \end{array}$$

From which,

An aspen, 6 ins. diam., bears N. 25° E., 12 lks. dist., marked $\frac{1}{4}$ S27 BT.

An aspen, 6 ins. diam., bears S. 25° W., 15 lks. dist., marked $\frac{1}{4}$ S34 BT.

43.00 Spur, 70 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend abruptly.

77.00 Small stream of good water, 2 lks. wide, 2 ins. deep, in gulch, 680 ft. below spur, drains N. 10° W.; ascend abruptly.

79.88 The cor. of secs. 27, 28, 33, and 34, 80 ft. above gulch. Land, mountainous with a general northwesterly exposure and drainage.

Soil, shallow clay loam, mixed with loose granite.

Undergrowth, scattering sage and buck brush.

Timber, dense aspen, fir, balsam, and red pine.

Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

N. 0°02' W., bet. secs. 27 and 28.

Descend abruptly over broken mountainous land through dense timber and undergrowth.

28.00 Gulch, 700 ft. below cor., drains N. 30° W.; small stream of good water, 2 lks. wide, 3 ins. deep, in bottom of gulch; continue abrupt descent.

33.50 Spur, 50 ft. below gulch, projects NW.; descend abruptly.

40.00 On gentle NW. slope, 80 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	$\frac{1}{4}$	
S28	|	S27
1923		

From which,

A balsam, 10 ins. diam., bears N. 50° E., 33 lks. dist., marked $\frac{1}{4}$ S27 BT.

A balsam, 10 ins. diam., bears S. 65° W., 19 lks. dist., marked $\frac{1}{4}$ S28 BT.

42.30 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradually over loose sliderock, bears E. and W.

70.00 Spur, 50 ft. above draw, projects W.; leave sliderock, bears E. and W.; descend abruptly.

80.00 On steep N. slope, 130 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T33S	|	R11E
S21	|	S22

S28	|	S27
1923		

From which,

A balsam, 10 ins. diam., bears N. 44°30' E., 156 lks. dist., marked T33S R11E S22 BT.

A red pine, 10 ins. diam., bears N. 66° W., 132 lks. dist., marked T33S R11E S21 BT.

SUBDIVISION OF T. 33 S., R. 11 E.

Chal ns

No other suitable bearing trees available.
 Deposit a memorial, which is a granite, 10 x 10 x 10 ins.
 marked with a cross (X), at base of post.
 Land, mountainous with a general northerly exposure and
 drainage.
 Soil, shallow clay loam, mixed with loose granite.
 Undergrowth, dense sage, oak, and buck brush.
 Timber, dense aspen, balsam, red and yellow pine.
 Good grazing.

S. 89°50' E., on random line bet. secs. 22 and 27.

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

79.70 Intersect the N. and S. line, 37 lks. S. of the cor. of
 secs. 22, 23, 26, and 27.

Thence,

S. 89°54' W., on true line bet. secs. 22 and 27.

Descend gradually over broken mountainous land through
 dense timber and undergrowth.

25.50 Stream of good water, 2 lks. wide, 3 ins. deep, in draw,
 260 ft. below cor., drains N.; ascend abruptly.

39.85 On steep E. slope, 290 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
 ground on bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S22 \\ \frac{1}{4} \\ \hline S27 \\ 1225 \end{array}$$

Deposit a memorial at base of post, which is a granite
 6 x 6 x 6 ins., marked with a cross (X).

No other accessories available.

42.00 Top of abrupt ascent at E. brink of flat top ridge, 60
 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over
 level top of ridge.

45.00 Timber becomes scattering, bears N. and S.

SUBDIVISION OF T. 33 S., R. 11 E.

Stations

- 21.40 The W. brink of ridge, bears N. and S.; descend abruptly over W. slope of ridge.
- 73.80 Draw, 450 ft. below top of ridge, drains NW.; ascend gradually.
- 75.30 Spur, 30 ft. above draw, projects N.; descend gradually.
- 79.70 The cor. of secs. 21, 22, 27, and 28, 50 ft. below spur.
Land, mountainous with a general easterly and westerly exposure and drainage.
Soil, shallow clay loam, mixed with loose sandstone and granite.
Undergrowth, dense sage, oak, buck, and service brush.
Timber, dense aspen, balsam, fir, red and yellow pine on E. portion of mile, scattering on W. portion.
Good grazing.

- N. 0°02' W., bet. secs. 21 and 22.
Descend gradually over mountainous land through scattering timber and undergrowth.
- .50 Draw, 20 ft. below cor., drains S. 70° W.; ascend abruptly.
- 10.00 Spur, 200 ft. above draw, projects SW.; descend abrupt SW. slope over sliderock.
- 26.80 Spur, 70 ft. below last spur, projects S. 80° W.; continue descent over abrupt W. slope.
- 40.00 On steep W. slope, 160 ft. below spur, in sliderock.
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S21 | S22
1923

- Deposit a memorial at base of post, which is a granite, 10 x 10 x 10 ins., marked with a cross (X).
No other accessories available.
- 65.00 Descent becomes more gradual, bears NE. and SW.
- 80.00 On steep W. slope, 580 ft. below the $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for

SUBDIVISION OF T. 35 S., R. 11 E.

Chains

corners of secs. 15, 16, 21 and 22, with brass cap marked

T33S	R11E
S16	S15
S21	S22

1923

From which,

A pinon, 5 ins. diam., bears N. 42° E., 55 lks. dist., marked BT.

Tree too scrubby for other markings.

No other suitable bearing trees available.

Deposit a memorial at base of post, which is a granite, 10 x 10 x 8 ins., marked with a cross (X).

Land, mountainous with a general westerly exposure and drainage.

Soil, loose sliderock and shallow loose clay, mixed with loose granite and sandstone.

Undergrowth, scattering oak, buck, and sagebrush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 89°54' E., on random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence,

S. 89°56' W., on true line bet. secs. 15 and 22.

Ascend abruptly over mountainous land through scattering timber and undergrowth.

31.90 Spur, 700 ft. above cor., projects N. 15° E.; continue abrupt ascent.

39.85 Point for the 1/4 sec. cor., falls on loose sliderock where a permanent cor. cannot be set.

41.10 On steep E. slope, 200 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked.

SUBDIVISION OF T. 33 S., R. 11 E.

$\frac{1}{4}$ $\frac{S15}{S22}$ WC

1923

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
No suitable bearing trees available.

42.00 Spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects N. 15° E.;
from this point, a spring at the head of Benson Creek,
bears N., 20.00 chs. dist. ; descend abruptly.

56.00 Draw, 340 ft. below spur, drains NE.; ascend abruptly.

58.00 Spur, 30 ft. above draw, projects NW.; descend abruptly.

64.00 Draw, 50 ft. below spur, drains N. 15° W.; ascend
gradually.

68.00 Spur, 30 ft. above draw, projects N. 15° W.; descend
abruptly.

76.00 Draw, 140 ft. below spur, drains N.; ascend abruptly.

77.80 Spur, 30 ft. above draw, projects N.; descend abruptly.

79.70 The cor. of secs. 15, 16, 21 and 22, 20 ft. below spur.
Land, mountainous with a general northerly exposure and
drainage.

Soil, loose sliderock and shallow clay mixed with loose
sandstone and granite.

Undergrowth, scattering sage, oak, and buck brush.

Timber, scattering cedar and pinon.

Good grazing.

N. $0^\circ 02'$ W., bet. secs. 15 and 16.

Descend gradually over mountainous land through dense
timber and scattering undergrowth.

4.50 Spur, 80 ft. below cor., projects NW.; continue gradual
descent.

27.00 Draw, 220 ft. below spur, drains N. 20° E.; ascend
gradually.

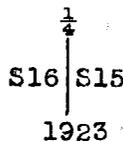
30.00 Spur, 40 ft. above draw, projects NE.; descend gradually.

38.00 Road, bears NE. to the Standard Chemical Company Ranch,
and SW., to the Star Ranch.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

40.00 On gentle N. slope, 220 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



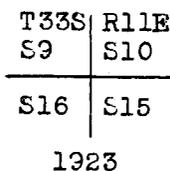
From which,

A pinon, 10 ins. diam., bears N. $77^{\circ}30'$ E., 142 lks. dist., marked $\frac{1}{4}$ S15 BT.

A pinon, 6 ins. diam., bears S. 67° W., 60 lks. dist., marked $\frac{1}{4}$ S16 BT.

Continue gradual descent along gentle N. slope.

80.00 On gentle N. slope, 80 ft. below the $\frac{1}{4}$ sec. cor.
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.



From which,

A cedar, 10 ins. diam., bears S. 52° W., 120 lks. dist. marked BT. Tree too scrubby for other markings.

A cedar, 10 ins. diam., bears N. 47° W., 83 lks. dist., marked BT. Tree too scrubby for other markings.

No other suitable bearing trees available.

Deposit a memorial at base of post, which is a granite, 8 x 8 x 8 ins., marked with a cross (X).

Land, mountainous with a general northerly exposure and drainage.

Soil, shallow clay loam, mixed with loose sandstone and granite.

Undergrowth, scattering sage and bitter brush.

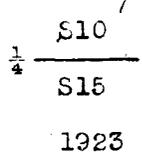
Timber, dense cedar and pinon.

Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

- 0.00 N. 89°56' E., on random line bet. secs. 10 and 15.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- (79.86 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14, and 15.
- Thence, /
- S. 89°59' W., on true line bet. secs. 10 and 15.
- Ascend abruptly over broken mountainous land through dense timber and scattering undergrowth.
- 7.20 Sandstone spur, 100 ft. above cor., projects N.; descend gradually.
- 18.00 Benson Creek, stream of good water, 5 lks. wide, 3 ins. deep, in draw, 30 ft. below spur, drains N. 20° E.; ascend gradually.
- 18.50 Road, bears N. 20° E. to the Standard Chemical Ranch, and S. 20° W. to the Star Ranch.
- 27.50 Spur, 120 ft. above stream, projects NE.; descend gradually.
- 31.20 Draw, 20 ft. below spur, drains NE.; ascend gradually.
- 35.00 Enter level top of ridge, bears NE. and SW.; thence over level top of ridge.
- (39.93 On level top of ridge, 60 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A cedar, 8 ins. diam., bears S. 25° W., 50 lks. dist., marked $\frac{1}{4}$ S15 BT.
- A cedar, 6 ins. diam., bears N. 4°30' W., 55 lks. dist., marked $\frac{1}{4}$ S10 BT.

61.50 Leave level top of ridge, bears NE. and SW.; descend gradually.

68.50 Draw, 70 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

79.86 The cor. of secs. 9, 10, 15, and 16, 80 ft. above draw. Land, mountainous with a general northerly exposure and drainage.
 Soil, shallow loose clay, mixed with loose granite and sandstone.
 Undergrowth, scattering oak, sage and bitter brush.
 Timber, dense cedar and pinon.
 Good grazing.

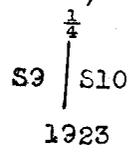
N. 0°02' W., bet. secs. 9 and 10.

Descend gradually over rolling land through dense timber and scattering undergrowth.

26.90 Descent becomes more abrupt, bears NE. and SW.

40.00 On broken N. slope, 320 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A cedar, 8 ins. diam., bears N. 89° E., 68 lks. dist., marked $\frac{1}{4}$ S10 BT.

A pinon, 8 ins. diam., bears S. 85° W., 110 lks. dist., marked $\frac{1}{4}$ S9 BT.

41.00 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.

44.70 Spur, 20 ft. above draw, projects E.; descend abruptly.

54.50 Straight Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 170 ft. below spur, drains NE.; ascend abruptly.

61.70 Spur, 170 ft. above creek, projects E.; descend abruptly.

66.50 Draw, 50 ft. below spur, drains E.; ascend abruptly.

77.70 Spur, 150 ft. above draw, projects S. 70° E.; descend abruptly.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

30.00 On steep NE. slope, 50 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs, 3, 4, 9, and 10, with brass cap marked.

T33S	R11E
S4	S3
S9	S10
1923	

From which,

A cedar, 8 ins. diam., bears N. 25° E., 245 lks. dist., marked T33S R11E S3 BT.

A cedar, 6 ins. diam., bears S. 41°30' E., 58 lks. dist., marked T33S R11E S10 BT.

A cedar, 7 ins. diam., bears S. 31°30' W., 46 lks. dist., marked T33S R11E S9 BT.

A pinon, 3 ins. diam., bears N. 42°15' W., 220 lks. dist., marked BT.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow loose clay and sand, mixed with loose granite and sandstone.

Undergrowth, scattering oak, sage, buck, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

N. 89°59' E., on random line bet. secs. 3 and 10.

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

73.36 Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 2, 3, 10, and 11.

Thence,

S. 89°52' W., on true line bet. secs. 3 and 10.

Ascend gradually over broken land through dense timber and undergrowth.

17.00 Spur, 160 ft. above cor., projects NE.; descend gradually.

28.70 Straight Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 60 ft. below spur, drains NE.; ascend abruptly.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

39.98 On E. brink of ridge, 80 ft. above creek, bears N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for 1/4 sec. cor., with brass cap marked.

S3
1/4
S10
1923

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
No suitable bearing trees available.

Thence over rolling top of ridge.

51.50 The W. brink of ridge, bears SE. and NW.; descend gradually.

53.80 Draw, 50 ft. below ridge, drains NW.; ascend gradually.

57.00 Ascent becomes more abrupt, bears SE. and NW.

60.30 Spur, 50 ft. above draw, projects NE.; descend gradually.

67.30 Base of descent, 40 ft. below spur, bears SE. and NW.;
ascend gradually.

79.96 The cor. of secs. 3, 4, 9, and 10, 100 ft. above base of
descent.

Land, broken with a general northeasterly exposure and
drainage.

Soil, shallow clay and sand, mixed with loose sandstone
and granite.

Undergrowth, dense sage, oak, buck, and bitter Brush.

Timber, dense cedar and pinon.

Good grazing.

N. 0°01' W., on random line bet. secs. 3 and 4.

40.00 Set temp. 1/4 sec. cor.

80.23 Intersect the N. bdy. of the township, 5 lks. W. of the cor.
of secs. 3, 4, 33, and 34.

Thence,

S. 0°01' W., on true line bet. secs. 3 and 4.

Ascend gradually over broken land through dense timber
and scattering undergrowth.

4.00 Spur, 30 ft. above cor., projects E.; descend gradually.

9.50 Draw, 40 ft. below spur, drains NE.; descend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

21.00 Draw, 200 ft. below last draw, drains E.; continue gradual descent over rolling bench.

40.25 On rolling bench land, 50 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S4 | S3
 1923

From which,

A cedar, 5 ins. diam., bears S. 75° E., 68 lks. dist., marked $\frac{1}{4}$ S3 BT.

A cedar, 4 ins. diam., bears N. 33° W., 43 lks. dist., marked $\frac{1}{4}$ S4 BT.

60.50 Road, bears E. to Trachyte Ranch and W. to Middle Mountain.

71.50 Draw, 180 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; continue gradual descent.

80.23 The cor. of secs. 3, 4, 9, and 10, 50 ft. below draw.
 Land, broken with a general easterly exposure and drainage.
 Soil shallow clay and sand, mixed with loose sandstone and granite.

Undergrowth, scattering sage, buck, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township.

N. 0°03' W., bet. secs. 32 and 33.

Descend abruptly over broken mountainous land through dense timber and undergrowth.

5.00 Draw, 180 ft. below cor., drains W.; ascend abruptly.

22.50 Spur, 100 ft. above draw, projects W.; descend abruptly.

40.00 On steep NW. slope, 340 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	$\frac{1}{4}$	
S32	|	S33
1923		

From which,

A red pine, 20 ins. diam., bears N. 7° E., 123 lks. dist., marked $\frac{1}{4}$ S33 BT.

A yellow pine, 26 ins. diam., bears N. 31° W., 8 lks. dist., marked $\frac{1}{4}$ S32 BT.

59.00 Enter sliderock, bears E. and W.

65.60 Draw, 380 ft. below the $\frac{1}{4}$ sec. cor., drains W.; leave sliderock, bears E. and W.; ascend gradually.

66.50 Spur, 20 ft. above draw, projects W.; descend abruptly.

80.00 On steep N. slope in dense undergrowth, 350 ft. below spur Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked.

T33S	|	R11E
S29	|	S28
S32	|	S33
1923		

From which,

A yellow pine, 8 ins. diam., bears N. 31° E., 110 lks. dist., marked T33S R11E S28 BT.

A yellow pine, 8 ins. diam., bears S. 83°30' E., 152 lks. dist., marked T33S R11E S33 BT.

A yellow pine, 6 ins. diam., bears S. 81° W., 85 lks. dist., marked T33S R11E S32 BT.

A yellow pine, 16 ins. diam., bears N. 61° W., 330 lks. dist., marked T33S R11E S29 BT.

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

Soil, shallow clay loam, mixed with loose granite.

Undergrowth, dense sage, oak, buck, and service brush.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Timber, dense fir, balsam, red and yellow pine.

Good grazing.

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

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

79.90 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 27, 28, 33, and 34.

Thence,

S. $89^{\circ}57'$ W., on true line bet. secs. 28 and 33.

Ascend abruptly over broken mountainous land through dense timber and undergrowth.

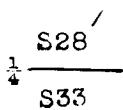
5.60 Spur, 130 ft. above cor., projects N. 20° W.; descend abruptly.

19.50 Gulch, 160 ft. below spur, drains N.; ascend abruptly.

23.50 The top of the main ridge of the Henry Mountains, 180 ft. above gulch, bears SE. and NW.; descend abruptly.

39.95 In loose sliderock, on steep SW. slope, 500 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



.1923

From which,

A balsam, 8 ins. diam., bears S. 25° W., 8 lks. dist., marked $\frac{1}{4}$ S33 BT.

A balsam, 6 ins. diam., bears N. 30° W., 10 lks. dist., marked $\frac{1}{4}$ S28 BT.

40.50 Gulch, 20 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend abruptly.

46.00 Spur, 140 ft. above gulch, projects N.; descend abruptly.

73.00 Descent becomes more gradual, bears NE. and SW.

79.90 The cor. of secs. 28, 29, 32, and 33, 890 ft. below spur. Land, broken and mountainous with a general northerly exposure and drainage.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Soil, shallow clay loam, mixed with loose granite.
 Undergrowth, dense oak, sage, buck, and service brush.
 Timber, dense balsam, aspen, fir, red and yellow pine.
 Good grazing.

N. 0°03' W., bet. secs. 28 and 29.

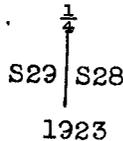
Descend abruptly over broken mountainous land through scattering timber and dense undergrowth.

1.00 Draw, 30 ft. below cor., drains S. 70° W.; ascend abruptly over steep S. slope of Bull Dog Peak.

29.30 Spur, 790 ft. above draw, projects SW.; descend gradually along steep W. slope of peak.

39.80 Spur, 40 ft. below last spur, projects S. 70° W.; continue gradual descent.

40.00 On steep W. slope of Bull Dog Peak, 20 ft. below spur; on granite surface rock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

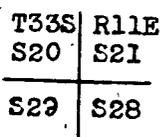
A red pine, 14 ins. diam., bears N. 58° E., 65 lks. dist., marked $\frac{1}{4}$ S28/BT.

No other suitable bearing trees available.

43.60 Spur, 60 ft. below the $\frac{1}{4}$ sec. cor., projects S. 80° W.; descend abrupt NW. slope of peak.

80.00 At base of Bull Dog Peak, bears NE. and SW., 880 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 20, 21, 28, and 29, with brass cap marked.



1923

From which,
 An aspen, 6 ins. diam., bears N. 55° E., 44 lks. dist.,
 marked T33S R11E S21 BT.

No other suitable bearing trees available .

Deposit a memorial at base of post, which is a granite,
 8 x 8 x 6 ins., marked with a cross (X).

Land, broken slopes of Bull Dog Peak.

Soil, loose sliderock and shallow clay mixed with loose
 granite.

Undergrowth, dense sage, oak, buck, and service brush.

Timber, scattering aspen, red and yellow pine.

Fair grazing.

N. 89°57' E., on random line bet. secs. 21 and 28.

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

79.20 Intersect the N. and S. line, 17 lks. N. of the cor. of
 secs. 21, 22, 27, and 28.

Thence,

N. 89°55' W., on true line bet. secs. 21 and 28.

Descend gradually over broken mountainous land through
 dense undergrowth and scattering timber.

2.40 Draw, 40 ft. below cor., drains S. 70° W.; ascend
 gradually.

5.40 The SW. point of rocky spur, 60 ft. above draw; descend
 gradually.

9.50 Same draw as last, 80 ft. below spur, drains NW.; ascend
 gradually.

14.20 Spur, 40 ft. above draw, projects N.; descend gradually.

18.00 ~~Wide~~ draw, a ~~draw~~, 50 ft. below spur, drains N.; small
 stream of good water, 2 lks. wide, 3 ins. deep, in
 bottom of draw; ascend abruptly.

21.00 Rocky spur, 70 ft. above draw, projects N.; descend
 gradually.

30.00 Small stream of good water, 3 lks. wide, 2 ins. deep, in
 bottom of draw, 120 ft. below spur, drains N.; ascend
 abruptly.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains	
37.60	Spur, 120 ft. above draw, projects N.; descend gradually
39.95	<p>On steep W. slope of spur, 80 ft. below top.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.</p> <div style="text-align: center;"> $\frac{1}{4} \frac{S21}{S28}$ <p>1923</p> </div>
	<p>From which,</p> <p>A red pine, 6 ins. diam., bears S. 89° W., 126 lks. dist., marked $\frac{1}{4}$ S28 BT.</p>
	<p>No other suitable bearing trees available.</p> <p>Deposit a memorial at base of post, which is a granite, 8 x 8 x 8 ins., marked with a cross (X).</p>
44.00	Draw, 80 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually, over loose sliderock.
48.80	Spur, 80 ft. above draw, projects N.; descend gradually.
79.90	<p>The cor. of secs. 20, 21, 28, and 29, 180 ft. below spur.</p> <p>Land, broken and mountainous with a general northerly exposure and drainage.</p> <p>Soil, loose sliderock and shallow clay, mixed with loose granite.</p> <p>Undergrowth, dense sage, oak, buck, and service brush.</p> <p>Timber, scattering aspen, balsam, cedar, pinon, red and yellow pine.</p> <p>Good grazing.</p>
	<p>N. 0°03' W., bet. secs. 20 and 21.</p> <p>Descend gradually over broken mountainous land through scattering timber and dense undergrowth.</p>
16.60	Spur, 120 ft. below cor., projects NE.; from this point, the center of a small lake, 5.00 chs. long, 2.00 chs. wide, bears E., 12.00 chs. dist.; descend abruptly.
26.60	Road, bears NE. to the Standard Chemical Company Ranch, and SW. to the Star Ranch; descent becomes more gradual, bears NE. and SW,

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

40.00 On gentle NW. slope, 340 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A pinon, 8 ins. diam., bears S. 79° E., 136 lks. dist., marked $\frac{1}{4}$ S21 BT.

No other suitable bearing trees available.

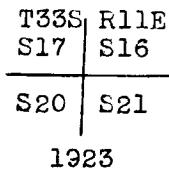
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

42.00 Descent becomes abrupt, bears NE. and SW.

58.00 Small stream of good water, 5 lks. wide, 2 ins. deep, in gulch, 300 ft. below spur, drains N. 30° E.; ascend abruptly over broken blue shale breaks.

80.00 On spur, projects N. 80° E., 350 ft. above stream.

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.



From which,

A pinon, 12 ins. diam., bears N. 40° E., 34 lks. dist., marked T33S R11E S16 BT.

A pinon, 8 ins. diam., bears S. 46° E., 46 lks. dist., marked T33S R11E S21 BT.

A pinon, 15 ins. diam., bears S. 24° W., 9 lks. dist., marked T33S R11E S20 BT.

A cedar, 6 ins. diam., bears N. 64° W., 82 lks. dist., marked T33S R11E S17 BT.

Land; broken with a general northeasterly exposure and drainage.

Soil, shallow sand and clay loam on S. portion of mile, blue shale on sandstone bedrock on N. portion.

SUBDIVISION OF T. 33 S., R. 11 E.

CHAIN

Undergrowth, dense sage, oak, buck, and service brush.
 Timber, scattering aspen, cedar, pinon, and red pine.
 Good grazing.

S. 89°55' E., on random line bet. secs. 16 and 21.

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

79.80 Intersect the N. and S. line, 7 lks. N. of the cor. of
 secs. 15, 16, 21, and 22.

Thence,

N. 89°52' W., on true line bet. secs. 16 and 21.

Descend abruptly over rolling land through scattering
 timber and undergrowth.

5.40 Draw, 100 ft. below cor., drains NW.; ascend gradually.

10.00 Spur, 30 ft. above draw, projects NW.; descend gradually.

19.40 Draw, 70 ft. below spur, drains NW.; ascend gradually.

22.00 Spur, 20 ft. above draw, projects NW.; descend gradually.

27.00 Draw, 30 ft. below spur, drains NW.; continue gradual
 descent.

39.90 On gentle W. slope, 50 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground on bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ ———
 S16
 S21
 1923

Deposit a memorial at base of post, which is a granite,
 10 x 10 x 8 ins., marked with a cross (X).

No suitable bearing trees available.

Continue gradual descent over gentle W. slope.

43.00 Road, bears NE. to the Standard Chemical Ranch, and
 SW. to the Star Ranch.

70.00 Descent becomes more abrupt, bears N. and S.

73.70 Bull Dog Creek, stream of good water, 10 lks. wide, 2 ins.
 deep, in gulch, 250 ft. below the $\frac{1}{4}$ sec. cor., drains
 N.; ascend abruptly.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

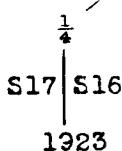
79.80 The cor. of secs. 16, 17, 20, and 21, 160 ft. above creek.
 Land, rolling, with a general northerly exposure and drainage.
 Soil, shallow clay and sand loam, mixed with loose granite and sandstone.
 Undergrowth, scattering oak, sage, and buck brush.
 Timber, scattering cedar and pinon.
 Fair grazing.

N. 0°03' W.; bet. secs. 16 and 17.

Descend abruptly over broken W. breaks of Bull Dog Creek, through dense timber and undergrowth.

- 5.00 Gulch, 90 ft. below cor., drains E.; ascend abruptly.
- 9.70 Spur, 80 ft. above gulch, projects E.; descend abruptly.
- 12.70 Gulch, 80 ft. below spur, drains NE.; ascend abruptly.
- 18.20 Spur, 100 ft. above gulch, projects NE.; descend abruptly.
- 21.50 Gulch, 130 ft. below spur, drains E.; ascend abruptly.
- 26.00 Blue Clay Spur, 100 ft. above gulch, projects S. 80° E.; descend abruptly.
- 40.00 On broken NE. slope, 100 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A pinon, 10 ins. diam., bears S. 45° E., 32 lks. dist., marked $\frac{1}{4}$ S16 BT.

A cedar, 6 ins. diam., bears S. 10° W., 26 lks. dist., marked $\frac{1}{4}$ S17 BT.

54.00 Bull Dog Creek, stream of good water, 10 lks. wide, 3 ins. deep, in gulch, 230 ft. below the $\frac{1}{4}$ sec. cor., drains N. 20° W.; descend gradually.

25.00

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

55.00 Recross creek, drains N. 20° E.; continue gradual descent

56.20 Recross creek, 80 ft. below first crossing, drains N. 20° ascend gradually.

60.50 The NW. point of spur, 50 ft. above creek; descend gradually.

61.00 Recross Bull Dog Creek, 50 ft. below spur, drains NE.; ascend gradually.

68.80 Spur, 80 ft. above creek, projects NE.; descend abruptly.

72.50 Draw, 80 ft. below spur, drains NE.; ascend abruptly.

75.00 Spur, 80 ft. above draw, projects NE.; descend abruptly.

78.50 Straight Creek, stream of good water, 10 lks. wide, 3 ins deep, in gulch, 100 ft. below spur, drains NE.; ascend abruptly.

80.00 On steep S. slope, 70 ft. above stream.
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.

T33S	R11E
S8	S9
S17	S16
1923	

Deposit a memorial at base of post, which is a granite 10 x 10 x 10 ins., marked with a cross (X).

No other accessories available.

Land, broken, with a general easterly exposure and drainage

Soil, shallow blue clay, mixed with loose sandstone and granite.

Undergrowth, dense sage, oak, and buck brush.

Timber, dense cedar and pinon.

Good grazing.

S. 89°52' E., on random line bet. secs. 9 and 16.

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

80.10 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 9, 10, 15, and 16.

Thence,

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

N. 89°58' W., on true line bet. secs. 9 and 16.

Descend gradually over broken land through dense timber and undergrowth.

13.00 Gulch, 120 ft. below cor., drains N.; ascend gradually.

23.50 Spur, 100 ft. above gulch, projects N.; descend gradually.

35.00 Gulch, 80 ft. below spur, drains N.; ascend gradually.

40.05 On rolling top of spur, 80 ft. above gulch, projects N.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S9}{\frac{1}{4}} \\ S16$$

1923

From which,

A pinon, 12 ins. diam., bears S. 37° W., 21 lks. dist., marked $\frac{1}{4}$ S16 BT.

A pinon, 6 ins. diam., bears N. 19°30' W., 35 lks. dist., marked $\frac{1}{4}$ S9 BT.

51.00 Gulch, 60 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.

60.00 Spur, 30 ft. above gulch, projects N.; descend gradually.

63.80 Descent becomes more abrupt, bears N. and S.

69.50 Bull Dog Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 200 ft. below spur, drains NE.; ascend abruptly.

72.50 Spur, 120 ft. above creek, projects NE.; descend abruptly.

77.00 Straight Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 110 ft. below spur, drains NE.; ascend abruptly.

80.10 The cor. of secs. 8, 9, 16, and 17, 80 ft. above stream.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Undergrowth, dense oak, sage, buck, and bitter brush.
 Timber, dense cedar and pinon.
 Good grazing.

N. $0^{\circ}03'$ W., bet. secs. 8 and 9.

Ascend abruptly over broken land through dense timber
 and undergrowth.

- 2.10 Spur, 70 ft. above cor., projects E.; descend gradually.
 10.50 Draw, 60 ft. below spur, drains N. 75° E.; ascend gradually.
 23.00 Ascent becomes more gradual, bears NE. and SW.; thence
 over rolling bench.
 40.00 On rolling bench, 120 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground on bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S8 | S9
 1923

From which,

A pinon, 6 ins. diam., bears N. $88^{\circ}45'$ E., 63 lks.
 dist., marked $\frac{1}{4}$ S9 BT.

A pinon, 8 ins. diam., bears S. $83^{\circ}15'$ W., 68 lks.
 dist., marked $\frac{1}{4}$ S8 BT.

- 53.80 Draw, 20 ft. deep, drains E.; continue gradual ascent.
 80.00 On gentle E. slope, 160 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
 ground on bedrock and in a large mound of stone, for
 cor. of secs. 4, 5, 8, and 9, with brass cap marked.

T33S | R11E
 S5 | S4
 S8 | S9
 1923

From which,

A pinon, 3 ins. diam., bears N. $71^{\circ}45'$ E., 49 lks.
 dist., marked BT.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

A pinon, 5 ins. diam., bears S. 15°45' E., 63 lks. dist., marked T33S R11E S9 BT.

A pinon, 3 ins. diam., bears S. 60°30' W., 35 lks. dist., marked BT.

A pinon, 6 ins. diam., bears N. 34°45' W., 66 lks. dist., marked T33S R11E S5 BT.

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

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

Undergrowth, dense sage, buck, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

S. 89°58' E., on random line bet. secs. 4 and 9.

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

80.00 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 3, 4, 9, and 10.

Thence,

N. 89°53' W., on true line bet. secs. 4 and 9.

Ascend gradually over rolling bench land through dense timber and scattering undergrowth.

40.00 On rolling bench land, 200 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S4}{\frac{1}{4}} = S9$$

1923

From which,

A pinon, 8 ins. diam., bears S. 8°30' E., 93 lks. dist., marked $\frac{1}{4}$ S9 BT.

A pinon, 10 ins. diam., bears N. 18° E., 56 lks. dist., marked $\frac{1}{4}$ S4 BT.

80.00 The cor. of secs. 4, 5, 8, and 9, 130 ft. above the $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Land, rolling bench, with a general southeasterly exposure and drainage.

Soil, shallow loose sand, mixed with loose sandstone and granite.

Undergrowth, scattering sage, buck and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

N. 0°01' E., on random line bet. secs. 4 and 5.

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

80.33 Intersect the N. bdy. of the township, at the cor. of secs. 4, 5, 32, and 33.

Thence,

S. 0°01' W., on true line bet. secs. 4 and 5.

Descend gradually over rolling bench land through dense timber and scattering undergrowth.

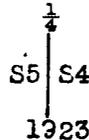
8.00 Draw, 100 ft. below cor., drains E.; ascend gradually.

9.30 Spur, 50 ft. above draw, projects NE.; descend gradually.

34.40 Draw, 120 ft. below spur, drains E.; ascend gradually.

40.33 On rolling land, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A pinon, 3 ins. diam., bears S. 43°15' E., 87 lks. dist., marked BT.

A cedar, 3 ins. diam., bears N. 63°45' W., 61 lks. dist., marked BT.

50.80 Road, bears S. 75° E. to the Trachyte Ranch, and N. 75° W. to Middle Mountain; descend gradually.

53.00 Draw, 120 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Corrins

80.33 The cor. of secs. 4, 5, 8, and 9, 40 ft. above draw.
 Land, rolling with a general southeasterly exposure and drainage.
 Soil, shallow loose sand, mixed with loose sandstone and granite.
 Undergrowth, scattering sage, oak, buck and bitter brush.
 Timber, dense cedar and pinon.
 Good grazing.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township.

N. 0°03' W., bet. secs. 31 and 32.

Descend abruptly over broken mountainous land through dense timber and undergrowth.

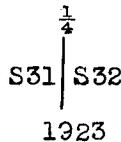
7.30 Gulch, 120 ft. below cor., drains S. 80° W.; ascend abruptly.

11.30 Spur, 150 ft. above gulch, projects S. 80° W.; descend gradually.

39.50 Cash Creek, stream of good water, 5 lks. wide, 3 ins. deep, in draw, 220 ft. below spur, drains W.; stream heads at a spring, 2.00 chs. E.; ascend gradually.

40.00 On gentle S. slope, 10 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

An aspen, 6 ins. diam., bears N. 89° E., 30 lks. dist., marked $\frac{1}{4}$ S32 BT.

An aspen, 6 ins. diam., bears S. 11° W., 41 lks. dist., marked $\frac{1}{4}$ S31 BT.

59.00 Spur, 220 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

63.00 Draw, 60 ft. below spur, drains S. 70° W.; ascend gradually.

80.00 On gentle SW. slope, 80 ft. above draw. Set an iron post, 3 ft. long, 2 in. diam., 10 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T33S	R11E
S30	S29
S31	S32
1923	

- From which,
- A cedar, 8 ins. diam., bears N. 48° E., 29 lks. dist., marked T33S R11E S29 BT.
 - A pinon, 8 ins. diam., bears S. 47° E., 26 lks. dist., marked T33S R11E S32 BT.
 - A pinon, 8 ins. diam., bears S. 14° W., 38 lks. dist., marked T33S R11E S31 BT.
 - A pinon, 10 ins. diam., bears N. 5° W., 116 lks. dist., marked T33S R11E S30 BT.

Land, broken and mountainous with a general westerly exposure and drainage.
 Soil, shallow clay and sand loam, mixed with loose sandstone and granite.
 Undergrowth, dense sage, buck, oak, and bitter brush.
 Timber, dense cedar, pinon, aspen, balsam, fir, red, and yellow pine.
 Good grazing.

East, on random line bet. secs. 29 and 32.
 40.00 Set temp. 1/4 sec. cor.
 79.98 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 28, 29, 32, and 33.

Thence,
 S. 89°57' W., on true line bet. secs. 29 and 32.
 Descend gradually over broken land through scattering timber and dense undergrowth.

SUBDIVISION OF T. 33 S., R. 11 E.

6.00 Draw, 40 ft. below cor., drains S. 70° W.; ascend gradually.

8.00 Small spring of good water, bears N., 3.00 chs. dist.

9.00 Ridge, 40 ft. above draw, bears N. 80° E. and S. 80° W.; descend gradually.

39.99 On gentle NW. slope, 420 ft. below ridge.

Set an iron post, 3 ft. long, 1 1/2 ins. diam., 15 ins. in the ground on bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S29
 1/4 ———
 S32
 1923

From which,

A pinon, 6 ins. diam., bears S. 42° E.. 50 lks. dist., marked 1/4 S32 BT.

A pinon, 6 ins. diam., bears N. 89° 30' W., 130 lks. dist., marked 1/4 S29 BT.

43.00 Timber becomes dense, bears N. and S.

73.98 The cor. of secs. 29, 30, 31, and 32, 440 ft. below the 1/4 sec. cor.

Land, broken with a general westerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose granite.

Undergrowth, dense sage, buck, oak, and bitter brush.

Timber, scattering cedar, pinon, and yellow pine on E. portion of mile, dense cedar and pinon on W. portion of mile.

Good grazing.

West, on random line bet. secs. 30 and 31.

40.00 Set temp. 1/4 sec. cor.

79.00 Intersect the W. bdy. of the township, at the cor. of secs. 25, 30, 31, and 36.

Thence,

East, on true line bet. secs. 30 and 31.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Ascend gradually over broken land through dense timber and undergrowth.

35.00 Ridge, 120 ft. above cor., bears NE. and SW.; descend gradually along steep S. slope.

39.00 On broken land, 40 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S30
 $\frac{1}{4}$ ———
S31

1923

From which,

A cedar, 12 ins. diam., bears N. 25° E., 6 lks. dist., marked $\frac{1}{4}$ S30 BT.

A cedar, 12 ins. diam., bears S. 12° E., 70 lks. dist., marked $\frac{1}{4}$ S31 BT.

44.50 Draw, 80 ft. below the $\frac{1}{4}$ sec. cor., drains S.; spring of good clear water, in bottom of draw, bears S., 2.00 ch dist.; ascend gradually.

59.00 Spur, 50 ft. above draw, projects SW.; descend abruptly.

64.00 Pennel Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 100 ft. below spur, drains SW.; ascend abruptly.

70.00 Ascent becomes gradual, bears NE. and SW.

78.30 Road, bears NE. to the Standard Chemical Ranch, and SW. to the Star Ranch.

79.00 The cor. of secs. 29, 30, 31, and 32, 150 ft. above creek Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

Undergrowth, dense sage, buck, and oak brush.

Timber, dense cedar and pinon.

Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

N. 0°03' W., bet. secs. 29 and 30.

Ascend gradually over broken mountainous land through dense timber and undergrowth.

1.00 Road, bears NE. to the Standard Chemical Ranch and SW. to the Star Ranch.

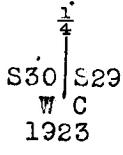
7.40 Spur, 20 ft. above cor., projects SW.; descend gradually.

18.00 Pennel Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 50 ft. below spur, drains SW.; also mouth of gulch, from N.; thence ascend gradually along bottom of gulch.

40.00 Point for the 1/4 sec. cor., falls in bottom of gulch, where a permanent cor. cannot be set.

46.00 Leave bottom of gulch, drains S. from NW.; ascend abrupt SW. slope of spur.

47.31 On steep SW. slope of spur, 320 ft. above Pennel Creek. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked.



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

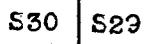
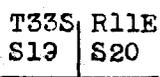
No other accessories available.

53.80 Spur, 250 ft. above the witness cor. to the 1/4 sec. cor., projects S. 20° E.; continue abrupt ascent.

66.10 Top of the main ridge of the Henry Mountains, 320 ft. above spur, bears NE. and SW.; descend gradually.

78.00 Gulch, 80 ft. below ridge, drains E.; ascend gradually.

80.00 On gentle SE. slope, 40 ft. above gulch. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 19, 20, 29, and 30, with brass cap marked.



SUBDIVISION OF T. 33 S., R. 11 E.

Chains

From which,

A pinon, 12 ins. diam., bears N. 15° E., 29 lks. dist.
marked T33S R11E S20 BT.

A pinon, 6 ins. diam., bears S. 79° E., 73 lks. dist.
marked T33S R11E S29 BT..

A pinon, 14 ins. diam., bears S. 19° W., 12 lks. dist.
marked T33S R11E S30 BT.

A pinon, 10 ins. diam., bears N. 23° W., 28 lks. dist.
marked T33S R11E S19 BT.

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

Soil, shallow clay, mixed with loose sandstone and granite.

Undergrowth, dense sage, oak, and buck brush.

Timber, dense cedar and pinon.

Good grazing.

N. 89°57' E., on random line bet. secs. 20 and 29.

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

79.80 Intersect the N. and S. line, 19 lks. N. of the cor. of
secs. 20, 21, 28, and 29.

Thence,

N. 89°55' W., on true line bet. secs. 20 and 29.

Ascend gradually over broken land through scattering
timber and dense undergrowth.

5.00 Spur, 20 ft. above cor., projects N. 20° E.; descend
gradually.

39.20 On gentle W. slope, 220 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20
 $\frac{1}{4}$
S29
1923

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
No suitable bearing trees available.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

43.00 Road, bears N. 20° E. to the Standard Chemical Company ranch, and S. 20° W. to the Star Ranch.

46.50 Head of draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains N. 20° E.; ascend gradually.

57.00 Base of abrupt ascent, bears N. 30° E. and S. 30° W.; timber becomes dense, bears N. and S.

74.70 Brink of sandstone ledge, 70 ft. high, bears N. 35° E. and S. 35° W.

79.80 The cor. of secs. 19, 20, 29, and 30, 350 ft. above head of draw.

Land, broken with a general northerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose sandstone and granite.

Undergrowth, dense sage, oak, and buck brush.

Timber, scattering aspen, cedar and pinon on E. portion of mile, dense cedar and pinon on W. portion.

Good grazing.

West, on random line bet. secs. 19 and 30.

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

78.87 Intersect the W. bdy. of the township, 9 lks. N. of the cor. of secs. 19, 24, 25, and 30.

Thence,

N. 89°56' E., on true line bet. secs. 19 and 30.

Ascend gradually over broken mountainous land through scattering timber and dense undergrowth.

2.00 The S. point of spur, 20 ft. above cor.; descend gradually.

6.70 Small stream of good water, 2 lks. wide, 2 ins. deep, in wash, 30 lks. wide, 7 ft. deep, 20 ft. below spur, drains S.; ascend gradually.

9.00 Spur, 20 ft. above stream, projects S.; descend gradually.

19.00 Head of draw, 30 ft. below spur, drains S.; ascend gradually.

21.00 Low ridge, 40 ft. above draw, bears N. and S.; descend gradually.

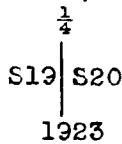
SUBDIVISION OF T. 33 S., R. 11 E.

Chains	
24.00	Head of swale, 20 ft. below ridge, drains S.; ascend gradually.
34.00	Ascent becomes abrupt, bears SE. and NW.
38.87	On steep SW. slope, 80 ft. above swale. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S19 \\ \hline \frac{1}{4} \\ S30 \end{array}$
	1923
	From which,
	A pinon, 12 ins. diam., bears N. 69° E., 38 lks. dist. marked $\frac{1}{4}$ S19 BT.
	A pinon, 10 ins. diam., bears S. 78° W., 27 lks. dist., marked $\frac{1}{4}$ S30 BT.
46.00	Top of the main ridge of the Henry Mountains, 100 ft. above the $\frac{1}{4}$ sec. cor., bears SE. and NW.; thence ascend gradually.
74.00	Spur, 50 ft. above ridge, projects NE.; descend gradually.
78.87	The cor. of secs. 19, 20, 29 and 30, 40 ft. below spur. Land, broken and mountainous with a general southwesterly exposure and drainage. Soil, shallow clay and sand loam, mixed with loose sandstone and granite. Undergrowth, dense sage, oak, buck, and bitter brush. Timber, scattering cedar, pinon, and yellow pine. Good grazing.
	N. 0°03' W., bet. secs. 19 and 20. Ascend gradually over broken mountainous land through dense timber and undergrowth.
3.50	Spur, 40 ft. above cor., projects NE.; descend gradually.
5.00	Timber becomes scattering, bears E. and W.
16.60	Descent becomes abrupt, bears E. and W.
35.50	Gulch, 450 ft. below spur, drains N. 30° E.; ascend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

40.00 On top of spur, 40 ft. above gulch, projects NE.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a memorial at base of post, which is a granite, 10 x 10 x 10 ins., marked with a cross (X).

No suitable bearing trees available.

45.00 Gulch, 40 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.

61.00 Spur, 80 ft. above gulch, projects NE.; descend gradually.

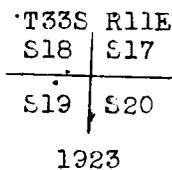
72.00 Gulch, 220 ft. below spur, drains NE.; ascend gradually.

75.50 Spur, 100 ft. above gulch, projects E.; descend gradually.

77.50 Gulch, 40 ft. below spur, drains E.; ascend gradually.

80.00 On broken S. slope, 80 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 17, 18, 19, and 20, with brass cap marked.



Deposit a memorial at base of post, which is a granite, 8 x 8 x 8 ins., marked with a cross (X).

No suitable bearing trees available.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

Undergrowth, dense sagem oak, buck, and bitter brush.

Timber, scattering cedar, pinon, and yellow pine.

Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

S. 89°55' E., on random line bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 73.80 Intersect the N. and S. line, 7 lks. S. of the cor. of
 secs. 16, 17, 20, and 21.

Thence,

N. 89°58' W., on true line bet. secs. 17 and 20.

Ascend abruptly over broken mountainous land through
 dense timber and undergrowth.

14.60 Ridge, 320 ft. above cor., bears N. and S., descend
 gradually.

30.00 Spur, 60 ft. below ridge, projects NW.; descend abruptly.

39.90 On steep W. slope, 100 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S17}{\frac{1}{4}}$$

S20

1923

From which,

A pinon, 6 ins. diam., bears N. 9° E., 7 lks. dist.,
 marked $\frac{1}{4}$ S17 BT.

A pinon, 8 ins. diam., bears S. 12° W., 23 lks. dist.,
 marked $\frac{1}{4}$ S20 BT.

57.00 Draw, 280 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend
 abruptly.

73.80 The cor. of secs. 17, 18, 19, and 20, 250 ft. below draw.
 Land, broken and mountainous with a general northwesterly
 exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose sand-
 stone and granite.

Undergrowth, dense oak, buck, sage, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

S. 89°56' W., on random line bet. secs. 18 and 19.

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

78.48 Intersect the W. bdy. of the township, 40 lks. S. of the
 cor. of secs. 13, 18, 12, and 24.

Chains

Thence, ✓
 S. 89°47' E., on true line bet. secs. 18 and 19.
 Descend gradually over broken land through scattering
 timber and dense undergrowth.

7.00 Head of draw, 60 ft. below cor., drains NE.; ascend
 gradually.

18.60 Ridge, 50 ft. above head of draw, bears N. 20° E. and
 S. 20° W.; descend gradually.

35.40 Brink of sandstone ledge, 40 ft. high, bears NE. and SW.;
 descend abruptly.

38.48 On steep SE. slope, 230 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground on bedrock and in a large mound of stone, for
 ¼ sec. cor., with brass cap marked.

S18 ✓

 S19
 1923

Deposit a memorial at base of post, which is a granite,
 8 x 8 x 10 ins., marked with a cross (X).
 No suitable bearing trees available.

53.20 Draw, 200 ft. below the ¼ sec. cor., drains SE.; timber
 becomes dense, bears N. and S.; ascend abruptly.

63.70 Spur, 80 ft. above draw, projects SE.; descend abruptly.

74.20 Draw, 150 ft. below spur, drains S. 70° E.; ascend
 abruptly.

78.48 The cor. of secs. 17, 18, 19, and 20, 60 ft. above draw.
 Land, broken and mountainous with a general southeasterly
 exposure and drainage.
 Soil, shallow sand and clay loam, mixed with loose sand-
 stone and granite.
 Undergrowth, dense oak, buck, sage, and bitter brush.
 Timber, scattering cedar and pinon on W. portion of mile,
 dense on E. portion.
 Good grazing.

SUBDIVISION OF T. 33 S., R. 11 E.

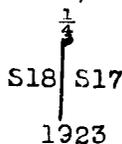
Chains

N. 0°03' W., bet. secs. 17 and 18.

Ascend abruptly over broken mountainous land through dense timber and undergrowth.

- 20.60 Spur, 350 ft. above cor., projects E.; descend gradually
- 23.00 Head of draw, 30 ft. below spur, drains E.; ascend gradually
- 26.50 Spur, 40 ft. above draw, projects E.; descend abruptly.
- 30.00 Draw, 60 ft. below spur, drains E.; ascend abruptly.
- 38.00 Wash, 20 lks. wide, 10 ft. deep, drains E.
- 40.00 On broken S. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

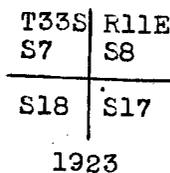


From which,

A pinon, 10 ins. diam., bears N. 57° E., 29 lks. dist., marked $\frac{1}{4}$ S17 BT.

A pinon, 15 ins. diam., bears N. 89° W., 11 lks. dist., marked $\frac{1}{4}$ S18 BT.

- 41.20 Ascent becomes gradual, bears E. and W.
 - 53.90 Ridge, 50 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend abruptly.
 - 80.00 On broken N. slope, 250 ft. below ridge.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available. Land, broken and mountainous with a general northerly and southerly exposure and drainage.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

Soil, shallow clay and sand loam, mixed with loose sandstone and granite,

Undergrowth, dense oak, buck, sage, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

S. 89°58' E., on random line bet. secs. 8 and 17.

40:00 Set temp. $\frac{1}{4}$ sec. cor.

79.66 Intersect the N. and S. line, 21 lks. N. of the cor. of secs. 8, 9, 16, and 17.

Thence,

N. 89°49' W., on true line bet. secs. 8 and 17.

Ascend abruptly over broken mountainous land through dense timber and undergrowth.

1.30 Spur, 30 ft. above cor., projects SE.; descend abruptly.

15.00 Straight Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 150 ft. below spur; drains S. 70' E.; ascend abruptly.

39.83 On steep NE. slope, 450 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S8
 $\frac{1}{4}$ -----
S17

1923

From which,

A cedar, 18 ins. diam., bears S. 50° W., 55 lks. dist., marked $\frac{1}{4}$ S17 BT.

A cedar, 20 ins. diam., bears N. 65° W., 23 lks. dist., marked $\frac{1}{4}$ S8 BT.

45.70 Spur, 90 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradually.

50.00 Draw, 40 ft. below spur, drains N. 20° E.; ascend gradually.

56.40 Spur, 80 ft. above draw, projects N. 30° E.; descend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

60.00 Draw, 50 ft. below spur, drains N.; ascend gradually.

74.00 Spur, 150 ft. above draw, projects N.; descend gradually

79.66 The cor. of secs. 7, 8, 17, and 18, 50 ft. below spur.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

Undergrowth, dense sages, oak, buck, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

N. $89^{\circ}47'$ W., on random line bet. secs. 7 and 18.

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

78.32 Intersect the W. bdy. of the township, 5 lks. S. of the c of secs. 7, 12, 13, and 18.

Thence,

S. $89^{\circ}45'$ E., on true line bet. secs. 7 and 18.

Descend gradually over broken mountainous land through dense undergrowth and scattering timber.

29.00 Brown's Creek, stream of good water, 3 lks. wide, 2 ins. deep, in gulch, 250 ft. below cor., drains N. 60° E.; ascend gradually.

38.32 On broken N. slope, 80 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S7
 $\frac{1}{4}$ —————
 S18

1923

Deposit a memorial at base of post, which is a granite, 8 x 8 x 6 ins., marked with a cross (X).

No suitable bearing trees available.

59.50 Spur, 190 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradually.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

- 62.50 Gulch, 80 ft. below spur, drains N. 20° W.; ascend gradually.
- 72.00 Spur, 80 ft. above gulch, projects N.; descend gradually.
- 76.00 Draw, 30 ft. below spur, drains N.; ascend gradually.
- 78.32 The cor. of secs. 7, 8, 17, and 18, 20 ft. above draw. Land, broken and mountainous with a general northerly exposure and drainage. Soil, shallow sand and clay loam, mixed with loose sandstone and granite. Undergrowth, dense sage, oak, buck, and bitter brush. Timber, scattering cedar and pinon. Good grazing.

N. 0°03' W., bet. secs. 7 and 8.

Descend abruptly over broken mountainous land through dense timber and undergrowth.

- 14.40 Brown's Creek, stream of good water, 7 lks. wide, 4 ins. deep, in gulch, 360 ft. below cor., drains N.E.; ascend gradually.
- 16.00 Spur, 20 ft. above stream, projects E.; descend gradually.
- 18.60 Straight Creek, stream of good water, 10 lks. wide, 5 ins. deep, in gulch, 20 ft. below spur, drains E.; ascend abruptly.
- 22.00 Ascent becomes gradual, bears E. and W.
- 40.00 On gentle S. slope, 150 ft. above creek. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked.



From which,

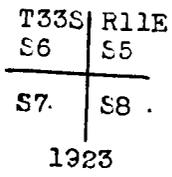
A pinon, 8 ins. diam., bears N. 30° E., 2 lks. dist., marked $\frac{1}{4}$ 58 BT.

A pinon, 10 ins. diam., bears N. 67° W., 48 lks. dist., marked $\frac{1}{4}$ 57 BT.

Subdivision of t. 33 S., R. 11 E.

Chains

- 51.00 Spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradually.
- 66.00 Draw, 80 ft. below spur, drains N. 70° E.; ascend gradually.
- 72.00 Spur, 60 ft. above draw, projects N. 70° E.; descend gradually.
- 75.00 Draw, 50 ft. below spur, drains N. 70° E.; ascend gradually.
- 80.00 On gentle SE. slope, 60 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on bedrock and in a large mound of stone, for cor. of secs. 5, 6, 7, and 8, with brass cap marked.



From which,

- A cedar, 10 ins. diam., bears N. 45° E., 4 lks. dist., marked T33S R11E S5 BT.
- A cedar, 10 ins. diam., bears S. 1° E., 17 lks. dist., marked T33S R11E S8 BT.
- A cedar, 10 ins. diam., bears S. 26° W., 8 lks. dist., marked T33S R11E S7 BT.
- A pinon, 12 ins. diam., bears N. 41° W., 14 lks. dist., marked T33S R11E S6 BT.

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

Soil, shallow clay and sand loam, mixed with loose sandstone and granite.

Undergrowth, dense sage, oak, buck, and bitter brush.

Timber, dense cedar and pinon.

Good grazing.

S. 89°49' E., on random line bet. secs. 5 and 8.

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

SUBDIVISION OF T. 33 S., R. 11 E.

chains

73.80 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8, and 9.

Thence,

N. 89°52' W., on true line bet. secs. 5 and 8.

Ascend gradually over rolling bench land through dense timber and undergrowth.

79.20 On gentle E. slope, 160 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S5
1/4
S8

1923

From which,

A pinon, 5 ins. diam., bears S. 80° E., 59 lks. dist., marked 1/4 S8 BT.

A pinon, 6 ins. diam., bears N. 19° W., 97 lks. dist., marked 1/4 S5 BT.

59.00 Draw, 10 ft. deep, 40 ft. above the 1/4 sec. cor., drains SE.; continue gradual ascent.

79.80 The cor. of secs. 5, 6, 7, and 8, 150 ft. above draw.

Land, rolling with a general easterly exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose granite and sandstone.

Undergrowth, dense sage, oak, buck, and bitter brush.

Timber, dense cedar and pinon.

Fair grazing.

N. 89°45' W., on random line bet. secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

78.27 Intersect the W. bdy. of the township, 3 lks. S. of the cor. of secs. 1, 6, 7, and 12.

Thence,

S. 89°44' E., on true line bet. secs. 6 and 7.

Descend gradually over rolling land through dense undergrowth and scattering timber.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

24.80 Draw, 10 ft. deep, 130 ft. below cor., drains NE.; conti
gradual descent.

38.27 On gentle E. slope, 120 ft. below draw.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in th
ground on bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S6}{S7}$

1923

From which,

A cedar, 3 ins. diam., bears N. 62° E., 212 lks. dist.,
marked BT.

A cedar, 3 ins. diam., bears S. 0°15' E., 99 lks. dist.
marked BT.

40.80 Road, bears N. 10° E. to the Trachyte Ranch, and S. 10° W
to Middle Mountains

53.30 Timber becomes dense, bears N. and S.

78.27 The cor. of secs. 5, 6, 7, and 8, 260 ft. below the $\frac{1}{4}$
sec. cor.

Land, rolling with a general easterly exposure and drain-
age.

Soil, shallow clay and sand loam, mixed with loose sand-
stone and granite.

Undergrowth, dense sage, oak, buck, and bitter brush.

Timber, scattering cedar and pinon on W. portion of mile,
dense on E. portion.

Fair grazing.

N. 0°01' E., on random line bet. secs. 5 and 6.

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

80.17 Intersect the N. bdy. of the township, 16 lks. E. of the
cor. of secs. 5, 6, 31, and 32.

Thence,

S. 0°06' E.; on true line bet. secs. 5 and 6.

SUBDIVISION OF T. 33 S., R. 11 E.

Chains

- Ascend gradually over broken mountainous land through dense timber and undergrowth.
- 8.20 Spur, 40 ft. above cor.; projects SW.; descend gradually.
- 25.00 Draw, 200 ft. below spur, drains E.; ascend gradually.
- 31.00 Spur, 30 ft. above draw, projects NE.; descend gradually.
- 39.00 Draw, 50 ft. below spur, drains E.; ascend gradually.
- 40.17 On gentle N. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S6 | S5 \\ | \\ 1923 \end{array}$$

From which,

A cedar, 6 ins. diam., bears N. 54° E., 75 lks. dist., marked $\frac{1}{4}$ S5 BT.

A cedar, 5 ins. diam., bears N. 86° W., 69 lks. dist., marked $\frac{1}{4}$ S6 BT.

- 49.30 Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects E.; descend gradually.
- 55.00 Draw, 50 ft. below spur, drains E.; ascend gradually.
- 56.50 Spur, 20 ft. above draw, projects NE.; descend gradually.
- 58.00 Draw, 60 ft. below spur, drains E.; ascend gradually.
- 68.20 Road, bears E., to the Trachyte Ranch, and W., to Middle Mountain.
- 80.17 The cor. of secs. 5, 6, 7, and 8, 60 ft. above draw.
- Land, broken with a general easterly exposure and drainage.
- Soil, shallow sand and clay loam, mixed with loose sandstone and granite.
- Undergrowth, dense oak, buck, sage, and bitter brush.
- Timber, dense cedar and pinon.
- Fair grazing.

CLOSING ERRORS, T. 33 S., R. 11 E.

Lines designated.	True bearings.	Distances. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
W. bdy. T33S R11E	South	480.00	.....	480.00	.....	.....
S. bdy. T33S R11E	East	478.87	.....	.....	478.87	.....
E. bdy. T33S R11E	North	480.00	480.00	.....	.....	.....
N. bdy. T33S R11E	N.89°51'W.	478.16	1.20	.....	.....	478.16
Convergency		.57	.....	.....	.....	.57
			<u>481.20</u>	<u>480.00</u>	<u>478.87</u>	<u>478.73</u>
Errors in latitudes and departures			<u>480.00</u>		<u>478.73</u>	
			<u>1.20</u>		<u>0.14</u>	

GENERAL DESCRIPTION OF T. 33 S., R. 11 E.

The land embraced in this township, consists of the broken slopes of the extreme east portion of the Henry Mountains. The SE. portion of the township consists of the steep broken slope of South Mountain and is so rugged that it is impossible for stock to reach this portion. The elevation at the top of this mountain is about 10000 ft. above sea level and is broken in most places by granite ledges. The remainder of the township consists of rolling benches, with a general northerly exposure and drainage. This portion of the township is covered with a dense growth of cedar and pinon timber, while the SE. portion is covered with a dense growth of aspen, fir, balsam, red and yellow pine timber. Timber suitable for the making of lumber, was found in large quantities on the steep slopes of South Mountain near its summit, but on account of the ruggedness of the country, it would not be practicable to use this timber. A small portion of the cedar and pinon timber is used for fire wood and fencing purposes.

The soil throughout the entire township consists of a shallow clay and sand loam, mixed with loose sandstone and granite.

The township has a good supply of water, the largest of which are Straight Creek, and Benson Creek, Pennel Creek, Bull Dog Creek, Brown's Creek, and an unnamed stream which heads at a spring near the 1/4 sec. cor. of secs. 23 and 26, and flows in a northerly direction to Ben

BOOK A 404

GENERAL DESCRIPTION OF T. 33 S., R. 11 E.

Gibbon's ranch, located near the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.

Straight Creek, Bull Dog Creek, and Brown's Creek, are used for irrigation purposes on the Trachyte Ranch, which is located in the SW. portion of T. 32 S., R. 12 E. Benson Creek is used for irrigation purposes on the Standard Chemical Company Ranch located in the N. half of sec. 11. Pennel Creek heads near the $\frac{1}{4}$ sec. cor. of secs. 29 and 30, and flows in a southwesterly direction, leaving the township on the S. bdy. sec. 31. At present, this stream is only used to water sheep during the winter months which are grazed on the desert lands to the SW. of this township. Numerous other small streams and springs were found throughout the township.

The township in general is used for a grazing range for stock during the summer months, it being covered with a medium dense undergrowth of native grass, sage, oak, buck, and bitter brush.

A ranch owned by Ben Gibbon, which consists of about 30 acres of cultivated land, upon which hay, grain, fruit, and vegetables are raised, is located in the W. $\frac{1}{2}$ of the SW. $\frac{1}{4}$ sec. 12, and the E. $\frac{1}{2}$ of the SE. $\frac{1}{4}$ sec. 11.

A ranch known as the Standard Chemical Company Ranch and being farmed by Jos. Crockett, which consists of about 20 acres of cultivated land, upon which, hay, grain, fruit, and vegetables are raised, is located in the NW. $\frac{1}{4}$ of sec. 11. These two ranches are the only ones located in the township and contain all the land that could be found suitable for farming purposes.

A road, which is in very poor condition, enters the N. bdy. of the township, near the cor. of secs. 1, 2, 35, and 36, and bears in a northeasterly direction to Hanksville, Ut. and a southwesterly direction to the Standard Chemical Company Ranch and the Star Ranch. A branch road leaves this road near the cor. of secs. 1, 2, 11, and 12, and bears in a southeasterly direction

GENERAL DESCRIPTION OF T. 33 S., R. 11 E.

to Ben Gibbon's ranch. A dim road enters the E. bdy. of the township, 13.00 chs. S. of the cor. of Ts. 32 and 33 S., Rs. 11 and 12 E., and bears in an easterly direction to the Trachyte Ranch, and a westerly direction to Middle Mountain.

The Standard Chemical Company, has several mining claims of carnotite ore located in the SE. portion of the township. The only work being done on these claims at the present time is the assessment work. No other indications of mineral were found in the township. The magnetic declination was not taken on account of a defective needle.

CERTIFICATE OF UNITED STATES SURVEYOR, and Transitman

We, Elliot Bird and Robert C Yundt, U.S. Surveyor/hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 8th day of March, 1922, We have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of the North, West,

South, and East boundaries, and subdivision of T. 33 S., R. 11 E.;

and the survey of the north boundary of T. 33 S., R. 10 E.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented

and date diagram on dates shown on said diagram

the foregoing field notes as having been executed by us, and under our direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the 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 of

such survey.

Signed: Salt Lake City, Utah.

December 22, 1923.

Elliot Bird
Robert C Yundt
U.S. Surveyor
U.S. Transitman

APPROVAL.

U.S. Transitman.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

January 24, 1924

12K

The foregoing field notes of the survey of the North, West, South, and East

boundaries and the subdivision of Tr. 33 S., R. 10 E. of the

Salt Lake Base and Meridian in the State of Utah.

executed by Elliot Bird, U.S. Surveyor and Robt. C. Yundt, U.S. Transitman

under his special instructions dated March 8, 1922

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

W. A. Dawson
U. S. Surveyor General

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.

Blank

Page

Blank

Page



4-678

B

BOOK A-464

FIELD NOTES

OF THE SURVEY OF THE

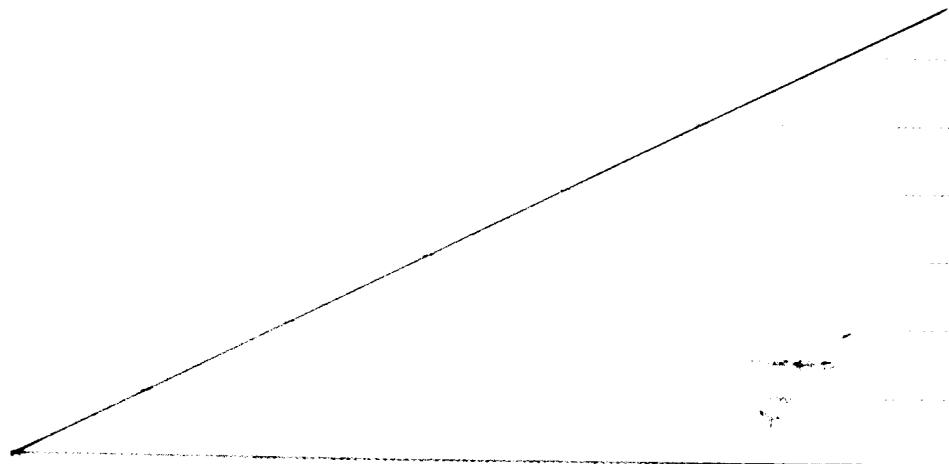
EAST BOUNDARY,

ESTABLISHMENT OF QUARTER SEC. CORS. ON N. BDY.,

AND

SUBDIVISION OF

TOWNSHIP 37 SOUTH, RANGE 24 EAST,



Of the SALT LAKE BASE and Meridian,

In the State of UTAH

EXECUTED BY

ANDREW NELSON, U.S. CADASTRAL ENGINEER

Cadastral Engineer

In the capacity of U.S. ~~Surveyor~~ Cadastral Engineer, under instructions dated May 31, 1922 ~~1922~~

issued by the United States Surveyor General to govern surveys included in

Group No. 128, which were approved by the Commissioner of the General Land

Office, June 8, 1922 ~~1921~~

ASSIGNMENT INSTRUCTIONS DATED MAY 12, 1922.

Survey commenced July 7, 1922 ~~1921~~

Survey completed August 6, 1922 ~~1921~~

BOOK A-464

INDEX DIAGRAM.

Township 37 South, Range 24 East.

83		84		85		85		86		87
6	82	5	65	4	53	3	39	2	25	1 11
81		80		64		52		38		24
7	79	8	63	9	51	10	37	11	23	12 9
78		77		62		49		36		21
18	76	17	61	16	48	15	34	14	20	13 8
75		74		60		47		32		19
19	72	20	59	21	46	22	31	23	18	24 7
72		71		58		45		30		17
30	70	29	57	28	44	27	29	26	15	25 5
68		67		56		42		28		13
31	66	32	54	33	41	34	26	35	12	36 4

BOOK A-464

4-679 b

INDEX DIAGRAM.

Township 37 S, Range 24 E
523 524 525 526 526 527

521	520	504	492	478	464
518	517	502	489	476	462
515	514	500	487	472	459
512	511	498	485	470	457
508	507	495	482	468	453
516	494	481	466	452	444

DATE DIAGRAM OF T. 37 S., R. 24 E.

DATE DIAGRAM OF T. 37 S., R. 24 E.

8-6/22							
6 7-27/22	5 7-28/22	4 7-31/22	3 8-5/22	2 8-5/22	1 8-4/22		
7 7-26/22	8 7-26/22	9 7-29/22	10 8-5/22	11 8-5/22	12 8-4/22		
18 7-25/22	17 7-24/22	16 7-23/22	15 7-17&18/22	14 7-17/22	13 7-14/22		
19 7-25/22	20 7-20/22	21 7-20/22	22 7-18/22	23 7-17/22	24 7-14/22		
30 7-21/22	29 7-21/22	28 7-19/22	27 7-15/22	26 7-13/22	25 7-12/22		
31 7-21/22	32 7-19/22	33 7-15/22	34 7-13/22	35 7-12/22	36 7-10/22		

All lines in this township surveyed under dates as shown above by Andrew Nelson, U.S. Cadastral Engineer.

Survey commenced July 7, 1922, and executed with a Buff and Buff transit No. 9978, equipt with the Smith solar 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 the vertical circle. Unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instrument was approved for use in this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated May 12, 1922.

July 7: At my station situated near the center of sec. 23, T.37 S., R.24 E., in approximate latitude $37^{\circ} 33' N.$, longitude $109^{\circ} 18' W.$, I examine the adjustments of the transit and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris I proceed as follows:

At 8h a.m., app.t., I set off $37^{\circ} 33' N.$ on the lat. arc; $22^{\circ} 39' N.$ on the decl. arc and determine a meridian with the solar, and note a tree in the line thus determined about 1 1/2 miles distant to the north.

At app. noon I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the latitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude -----	=	$75^{\circ} 4' 15''$.
Reduced latitude -----	=	$37^{\circ} 33.1'$ ✓
Mean watch time of observation =		12h 18m 45sec.
Watch fast of local mean time =		14m 7s ✓

At app. noon, I set off $22^{\circ} 37 1/2' N.$ on the decl. arc, and observe the sun on the meridian; the resulting latitude is $37^{\circ} 33 1/2' N.$ The map lat. gives this station

two minutes higher. At 4h 0m p.m., app.t., with the lat. arc unchanged, I set off 22° 37' N. on the decl. arc and determine a meridian with the solar, which agrees with the a.m. meridian.

July 8: At 6h 48.8' a.m., by my watch, which is 14.1m fast of l.m.t., I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a hub driven firmly in the ground about 12 chs. N.

Azimuth of Polaris at eastern elongation = 1° 24' 25".

At 6h a.m., I lay off the azimuth of Polaris, 1° 24 1/2', to the west, and find that the tree sighted to in solar observations bears N. 0° 0' 30" E.

As all the solar observations during the usual hours of solar work come within 1' 30" of the true meridian, it is concluded that the adjustments of the solar are satisfactory. The instrument was kept in good adjustment during the progress of this survey, frequent tests being made on the above Polaris meridian, and latitude observations were taken daily, whenever possible.

For test at completion of this township see survey of T. 36 S., R. 25 E.

MEASUREMENTS:

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 chains in length, compared with a Lufkin standard steep tape 1 chain in length, and found correct. The measurements are made on the slope, the vertical angles determined with clinometers and the measurements properly reduced to true horizontal distances.

-4-
Survey of East Boundary of T. 37 S., R. 24 E.

Chains

I commence at the cor. of Ts. 37 and 38 S., Rs. 24 and 25 E., hereinafter described, and run North, on random line, for alinement only, along E. bdy. of T. 37 S., R. 24 E., intersecting the S. bdy. of T. 36 S., R. 24 E., 2.87 chs. west of the cor. of Ts. 36 and 37 S., Rs. 24 and 25 E., hereinafter described. As the falling exceeds the prescribed limit of 14', I return to the cor. of Ts. 37 and 38 S., Rs. 24 and 25 E., which is an iron post 3 ins. dia., extending 12 ins. above ground, firmly set, properly marked and witnessed as described by the surveyor general.

Thence, North, on true line, bet. secs. 31 and 36.

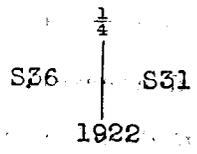
Over level hollow bottom, through short undergrowth.

16.90 Leave level land, enter broken bench lands and rocky soil, bears SW., and NE. for 1 ch. thence SE. for 3 chs. to point, thence generally NE.; ascend abrupt, rocky SE. slope of the bench.

20.70 Top of abrupt ascent on S. edge of bench, 130 ft. above tp. cor., bears NE. and SW.; thence gradually ascending over rolling and low broken bench, having a SE. exposure, through scattering scrub cedar and pinon.

35.70 Top of raise, 60 ft. above edge of bench, bears E. and SW.; thence over nearly E. slope.

40.00 On rolling E. slope, 15 ft. below top of ascent. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which
A cedar, 5 ins. diam., bears S. $34\frac{3}{4}^{\circ}$ E., 89 lks. dist., marked $\frac{1}{4}$ S31 BT
A cedar, 12 ins. diam., bears N. 77° W., 88 lks. dist., marked $\frac{1}{4}$ S36 BT

69.70 Top of low, broken ridge, 70 ft. above $\frac{1}{4}$ sec. cor., bears NE. and S. 30° W.; thence along W. slope.

Survey of East Boundary of T. 37 S., R. 24 E.

Chains

77.40 Small depression on W. slope, 30 ft. below ridge,
drains W.; gradually asc. 20 ft. to

80.00 On a gradual SW. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in
the ground to bedrock, and in a mound of stone, for
the cor. of secs. 25-30-31 and 36, with brass cap
marked

T37S	
R24E	R25E
S25	S30
S36	S31

1922

from which

- A cedar, 10 ins. diam., bears N. 57° E., 174 lks.
dist. marked S30 BT (too scrubby for
full markings)
- A cedar, 10 ins. diam., bears S. 43 1/4° E., 217 lks.
dist. marked T37S R25E S31 BT
- A cedar, 4 ins. diam., bears S. 87 1/4° W., 69 lks.
dist. marked S36 BT (too scrubby)
- A cedar, 10 ins. diam., bears N. 11 1/4° W., 241 lks.
dist. marked T37S R24E S25 BT

also raise a mound of stone, 3 ft. base, 2 1/2 ft. high,
W. of cor.

S. 16.90 chs. is level bottom of hollow; S. exposure:
deep, clay loam: remainder of mile is rolling and
broken bench land with SE. and SW. exposures: drainage
SW into Montezuma Canyon: soil. rocky.

Timber, short, scrubby cedar and pinon on N. portion of
mile.

Undergrowth, greasewood, sagebrush and juniper brush.
Fair grazing land.

North, bet. secs. 25 and 30.

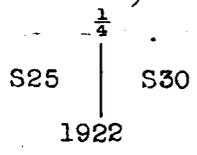
Over broken land, through scattering timber and short
undergrowth; asc. SW. slope, 70 ft. to

11.30 Top of rocky spur, projects W., and bears E. 6 chs.
to point of mesa; desc. steep, rocky N. slope, 220 ft.

26.40 Base of rocky slope, and leave all but few scattered
trees, enter heavier undergrowth, bears N. 30° W. and
E. 30° E.; thence over rolling bottom land.

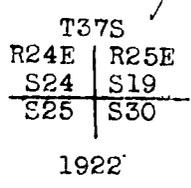
Chains

31.40 Small wash, 10 lks. wide, 4 ft. deep, course N. 65° W.
 40.00 In bottom land, slight SW. exposure.
 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to underlying rock, and in a mound of stone for the $\frac{1}{4}$ sec. cor., with brass cap marked.



from which
 A cedar, 6 ins. diam., bears N. 81° E., 305 lks. dist., marked $\frac{1}{4}$ S30 BT
 A cedar, 8 ins. diam., bears N. 86 $\frac{1}{2}$ ° W., 219 lks. dist., marked $\frac{1}{4}$ S25 BT

56.40 Wash, dry, 120 lks. wide, 10 ft. deep, in bottom of Monument Canyon, 20 ft. below $\frac{1}{4}$ sec. cor., course S. 70° W.; enter dense greasewood 6 ft. high.
 61.25 Leave dense tall greasewood, bears E. and W.
 70.00 Leave bottom land, enter broken bench land, bears E. and W.; asc. abrupt, rocky S. slope, 90 ft. to
 73.80 S. edge of bench, enter scattering timber, bears E. and W.; thence over rolling top bench, E. exposure.
 80.00 On nearly level land.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19-24-25 and 30, with brass cap marked



from which
 A cedar, 8 ins. diam., bears S. 71° E., 211 lks. dist., marked S30 BT (too scrubby)
 A cedar, 6 ins. diam., bears S. 76 $\frac{1}{2}$ ° W., 309 lks. dist., marked T37S R24E S25 BT
 A cedar, 10 ins. diam., bears N. 8° W., 271 lks. dist., marked T37S R24E S24 BT
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No suitable bearing tree available in sec. 19.

Land, broken benches and rolling canyon bottom; drainage NW and SE. into Monument Canyon.

Survey of East Boundary of T. 38 S., R. 24 E.

Chains

Soil, rocky of gray sandstone in form of ledges and bedrock on the slopes and benches with shallow clay and sandy loams; deep clay loam in canyon bottom.

Timber, scattering scrub cedar and few pinons.

Undergrowth, sagebrush, greasewood and juniper, being heavier in the canyon.

Fair grazing land.

North, bet. secs. 19 and 24.

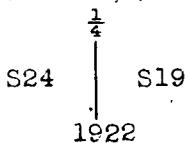
Over rolling bench, slight E. exposure, through scattering timber and short undergrowth.

16.70 Small draw, near head, 50 ft. deep, course E.; gradually asc. SE. slope.

36.20 N. edge of the lower bench, bears NE. and SW.; begin abrupt ascent over S. slope.

40.00 On SE. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked



from which

A cedar, 10 ins. diam., bears N. 43° E., 71 lks. dist., marked 1/4 S19 BT.

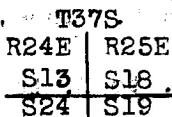
A cedar, 5 ins. diam., bears S. 73 1/2° W., 33 lks. dist., marked 1/4 S24 BT.

55.80 S. rim of higher mesa, 200 ft. above 1/4 sec. cor., bears E. and W.; gradually asc. rolling S. slope.

70.70 Top of ascent on mesa, 120 ft. above rim, bears E. and W.; thence over nearly level top.

80.00 On level top of high mesa.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 13-18-19 and 24, with brass cap marked



Survey of East Boundary of T. 37 S., R. 24 E.

Chains

anlaro

from which

- A cedar, 6 ins. diam., bears N. 88° E., 164 lks. dist., marked T37S R25E S18 BT
- A cedar, 8 ins. diam., bears S. 39 1/2° E., 261 lks. dist., marked T37S R25E S19 BT
- A pinon, 14 ins. diam., bears S. 45 1/2° W., 244 lks. dist., marked T37S R24E S24 BT
- A cedar, 14 ins. diam., bears N. 88° W., 259 lks. dist., marked T37S R24E S13 BT

Land, rolling and broken bench and mesa land, general exposure and drainage SE. into Monument Canyon.

Soil, rocky of sandstone formation in form of broken ledges, bedrock and loose surface rock, with shallow red clay and sandy loam.

Timber, scattering scrub cedar and pinon.

Undergrowth, scattering, short sagebrush, greasewood and grass.

Fair grazing land.

North, bet. secs. 13 and 18.

Over broken and rolling land, through scattering timber and short undergrowth; along top of mesa to

3.50 Leave top, bears E. and NW.; desc. steep N. slope.

26.10 Base of descent in head of small draw, 180 ft. below top, course SE.; asc. 90 ft. to

28.80 N. rim of the draw, bears N. 70° E. and S. 70° W.; also stock trail and leave timber, bears with rim.; gradually asc. over rolling SE. slope, barren.

40.00 On E. slope, 155 ft. above draw.

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and in a large mound of stone, 5 ft. base, for the 1/4 sec. cor., with brass cap marked



Deposit a sandstone, 6x4x3 ins. marked with a cross X alongside post.

48.00 Top of raise on E. slope, 90 ft. above 1/4 sec. cor., ascends 2 chs. to W. to knoll; continue along E. slope.

Survey of East Boundary of T. 37 S., R. 24 E.

Chains

65.00 Low irregular ridge, bears E., and S.30°W.; enter medium dense timber bears E. and W.; desc. N. slope, 200 ft. to 80.00 On gradual NE slope.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to underlying rock, and in a large mound of stone for the cor. of secs. 7-12-13 and 18, with brass cap marked

T37S	
R24E	R25E
S12	S7
S13	S18
1922	

from which.

- A cedar, 16 ins.diam., bears N.89 $\frac{3}{4}$ °E., 54 lks. dist., marked T37S R25E S7 BT
- A cedar, 8 ins.diam., bears S.11 $\frac{1}{2}$ °E., 41 lks. dist., marked T37S R25E S18 BT
- A cedar, 12 ins.diam., bears S.43 $\frac{1}{2}$ °W., 112 lks. dist., marked T37S R24E S13 BT
- A cedar, 6 ins.diam., bears N.49 $\frac{1}{2}$ °W., 73 lks. dist., marked T37S R24E S12 BT

Cor. stands at NE. base of sandstone boulder, 4x10x5 ft. at foot of ridge.

Land, broken and rolling mesa; exposure and drainage SE. into Monument on the S. 63 chs.; and to NW into Montezuma on remainder of mile.

Soil, rocky of gray sandstone formation and clay loam.

Timber, scattering to medium dense scrub cedar and pinon on greater part of mile.

Undergrowth, short scattering greasewood and sagebrush.

Poor grazing land on greater part of the mile.

North, bet. secs. 7 and 12.

Over broken mesa land, through medium dense timber and scattering undergrowth; desc. N. slope, 25 ft. to

3.50 Wash, 15 lks. wide, 4 ft. deep, in ravine, course W.; asc. gradual S. slope.

5.30 Stock trail, bears E. and W.

18.50 Begin abrupt ascent over rocky S. slope.

26.50 Top abrupt ascent, 200 ft. above wash, bears NW., and

Survey of East Boundary of T. 37 S., R. 24 E.

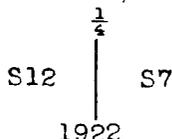
Chains

SE. for 2 chs., thence to NE.: continue gradual ascent over SW. slope, 40 ft. to

37.00 Top of raise, bears E. and W.; thence over gradual NW. slope.

40.00 On a slight N. slope, 10 ft. below raise.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 12 ins.diam., bears S. $30\frac{1}{2}^{\circ}$ E., 76 lks. dist., marked $\frac{1}{4}$ S7 BT

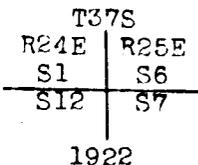
A cedar, 10 ins.diam., bears S. 80° W., 91 lks. dist., marked $\frac{1}{4}$ S12 BT

42.50 Cross head of swale, 20 ft. below $\frac{1}{4}$ sec. cor., drains W. Gradually asc. rolling SW. slope, entering more scattered timber.

66.20 Wash, 15 lks. wide, 3 ft. deep, course S. 10° W.; thence over slight SE. exposure.

80.00 On a slight SE. slope, 50 ft. above $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 1-6-7 and 12, with brass cap marked



from which

A cedar, 14 ins.diam., bears N. $74\frac{1}{2}^{\circ}$ E., 472 lks. dist., marked T37S R25E S6 BT

A cedar, 12 ins.diam., bears S. $52\frac{1}{2}^{\circ}$ E., 251 lks. dist., marked T37S R25E S7 BT

A cedar, 5 ins.diam., bears S. 22° W., 59 lks. dist., marked T37S R24E S12 BT

A cedar, 8 ins.diam., bears N. $70\frac{1}{2}^{\circ}$ W., 183 lks. dist., marked T37S R24E S1 BT

Land, broken and rolling; general SW. exposure and drainage into Montezuma Canyon.

Soil, rocky and clay and sandy loams.

Timber, medium dense to scattering cedar and pinon.

Undergrowth, sagebrush and greasewood. Fair grazing.

-11-
Survey of East Boundary of T. 37 S., R. 24 E.

North; bet. secs. 1 and 6.

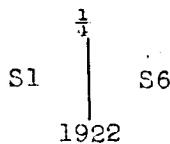
Over rolling land, through scattering timber and short undergrowth; gradually asc. S. slope.

2.50 Wash, 10 lks. wide, 3 ft. deep, course SE.

31.00 Top of wide, rolling ridge, 90 ft. above sec. cor., bears E. and W.; thence gradually desc. NW. slope.

40.00 On slight N. slope, 30 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 14 ins. diam., bears N. 75° E., 8 lks. dist., marked $\frac{1}{4}$ S6 ET

A cedar, 16 ins. diam., bears S. $71\frac{1}{2}^{\circ}$ W., 30 lks. dist., marked $\frac{1}{4}$ S1 BT

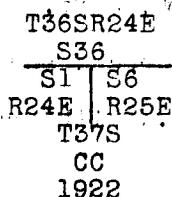
41.50 Wash, 15 lks. wide, 3 ft. deep, in swale, course W.; gradually asc. SW. exposure.

59.00 Small wash, 10 lks. wide, 3 ft. deep, course SW.

79.18 Intersect N. bdy. of tp., 2.87 chs. west of the cor. of Ts. 36 and 37 S., Rs. 24 and 25 E., which is an iron post, 3 ins. dia., extending 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. This cor. now refers to T. 36 S.; Rs. 24 and 25 E. only. I deface the markings on post and the two south bearing trees that pertain to T. 37 S.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for closing cor. of T. 36 S., Rs. 24 and 25 E., with brass cap marked



from which

Subdivision of T. 37 S., R. 24 E.

Chains

A cedar, 10 ins., diam., bears S. 33 1/2° E., 1300 lks.
dist., marked T37S R25E S6 CC BT

A cedar, 12 ins., diam., bears S. 50 1/2° W., 172 lks.
dist., marked T37S R24E S1 CC BT

Cor. stands on slight S. slope, 85 ft. above 1/4 sec. cor.

Land, rolling mesa top with S. and W. exposures and drainage.

Soil, deep red sandy and clay loam, on clay subsoil, with scattered rock; gray sandstone formation.

Timber, scattering cedar and pinon.

Undergrowth, medium sagebrush and greasewood.

Good grazing land.

SUBDIVISION OF T. 37 S., R. 24 E.

From the cor. of secs. 1-2-35 and 36 on S. bdy. of tp., which is an iron post, 2 ins. dia., extending 6 ins. above, and firmly set in a large mound of stone, marked and witnessed as described by the surveyor general, see notes of survey T. 38 S., R. 24 E.

Thence,

N. 0° 01' W., bet. secs. 35 and 36.

Over broken, rocky land, through scattering timber and short undergrowth; asc. from cor. over ledgy SE. slope.

1.60 Top of ascent on E. slope, 20 ft. above cor.; desc. abrupt N. slope, 190 ft. to

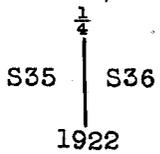
8.00 Gulch, course E.; asc. abrupt, ledgy S. slope.

14.50 Top of abrupt ascent and N. rim of gulch, bears E. and W.; gradually asc. to

19.50 Top of ascent on mesa, 240 ft. above gulch, bears E. and W.; thence over general E. slope.

40.00 On a gentle S. slope, 30 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to solidrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



bold road

Chains

- to ... from which.
- A cedar, 6 ins. diam., bears N. 49 $\frac{3}{4}$ ° E., 74 lks. dist., marked $\frac{1}{4}$ S36/BT
 - A cedar, 7 ins. diam., bears N. 41° W., 49 lks. dist., marked $\frac{1}{4}$ S35/BT
- Cor. stands bet. two large sandstone boulders.
- 42.20 Begin abrupt descent over N. slope, 180 ft. to
- 51.90 Base of descent, enter draw bottom, bears N. 80° E., and S. 80° W. for 3 chs., thence to NW.; thence across level land.
- 63.50 Wash, 10 lks. wide, 3 ft. deep, in mouth of draw, course S. 80° E.
- 73.40 Leave bottom land, bears SE. and W.; ascend abrupt, ledgy SW. slope, 240 ft. to
- 80.00 On steep, rocky SW. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to solid rock, and in a mound of stone, for cor. of secs. 25-26-35 and 36, with brass cap marked

T37S	R24E
S26	S25
S26	S35

1922

from which

- A cedar, 6 ins. diam., bears N. 25° E., 105 lks. dist., marked T37N R24E S25 BT
- A cedar, 6 ins. diam., bears S. 45° E., 29 lks. dist., marked T37S R24E S36 BT
- A cedar, 10 ins. diam., bears S. 86° W., 50 lks. dist., marked T37S R24E S35 BT
- A cedar, 10 ins. diam., bears N. 29 $\frac{1}{2}$ ° W., 40 lks. dist., marked T37S R24E S26 BT

Land, broken mesa, with abrupt N. and S. exposures; drainage E. into Montezuma Canyon.

Soil, rocky in form of broken ledges and boulders, with shallow red clay and sandy loams; sandstone formation.

Timber, scattering scrub cedar and piñon.

Undergrowth, medium, short sagebrush and greasewood.

Fair grazing land.

N. 89° 56' E., on random line, bet. secs. 25 and 36.

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

Chains	
80.02	Intersect E. bdy. of the tp., 12 lks. N. of the cor. of secs. 25-30-31 and 36, heretofore described.
	Thence,
	N. 89°59' W., on true line, bet. secs. 25 and 36.
	Over broken, rocky land, through scattering timber and undergrowth; gradually desc. along a S. slope, 60 ft.
19.60	Begin abrupt descent over W. slope, bears N. 20° E. and S. 20° W.
28.30	Base of slope, enter canyon bottom with dense, tall greasewood, 280 ft. below sec. cor., bears N. and S.; thence across level bottom.
37.10	Wash, 150 lks. wide, 10 ft. deep, in bottom of Monument Canyon, course S. 15° W. for 3 chs. to junction with wash in Montezuma Canyon.
37.80	Right bank of the wash, 5 ft. high, enter scattering cottonwoods and tall greasewood, bears N. 15° E. and SW.
40.01	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S25}{S36}$
	1922
	from which.
	A cottonwood, 6 ins. diam., bears S. 37 $\frac{1}{2}$ ° E., 160 lks. dist., marked $\frac{1}{4}$ S36 BT
	A cottonwood, 24 ins. diam., bears N. 54° W., 193 lks. dist., marked $\frac{1}{4}$ S25 BT
	Cor. stands in level canyon bottom, bet. the two washes, in dense greasewood about 8 ft. high.
47.90	Wash, 3 chs. wide, 20 ft. deep, in bottom of Montezuma Canyon, course SE. for 12 chs. to junction with wash in Monument Canyon, thence S. 10° E.; leave cottonwoods and tall greasewood; gradually asc. over rolling bottom lands, through short undergrowth.
55.55	Dim road, bears N. and S.
58.50	Trail, bears N. and S.
62.10	Leave bottom land, 50 ft. above wash, bears N. and S.; thence abrupt ascent over rocky E. slope, 310 ft. to
72.00	Top of ascent on S. slope of high mesa point, bears

Subdivision of T. 37 S., R. 24 E.

Chains

NW. 1 ch. dist. to top.; gradually desc. along S. slope, 120 ft. to

/80.02 The cor. of secs. 25-26-35 and 36.

Land, rough, broken mesas on E. and W. portions of the mile; with E. and W. exposures; remainder is canyon bottom; drainage S.

Soil, of the slopes is rocky in form of ledges and boulders, sandstone formation, with shallow loose sandy and clay loam; deep clay and sandy loam in canyon bottom.

Timber, scattering scrub cedar and pinon, on the slopes; few scattered cottonwoods along washes.

Undergrowth, short sagebrush and greasewood on slopes, dense in canyon.

Fair grazing land.

N. 0°01' W., bet. secs. 25 and 26.

Over rough, broken land, through scattering timber and undergrowth; asc. SW. slope, 50 ft. to

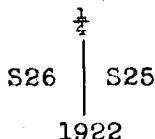
4.50 Top of spur or mesa point, projects S. 75° E., and bears W. desc. steep, ledgy N. slope, 180 ft. to

14.10 Base of slope and leave timber, enter bottom land and heavier undergrowth, bears NW. and SE.; thence across nearly level land in W. edge of Montezuma Canyon.

28.00 Foot of mesa point from the W.

33.00 Wash in the canyon, bears E. of line about 3 chs. dist., drains S. 15° E.

40.00 In level bottom land, 220 ft. below the 4½ ch. point. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ½ sec. cor., with brass cap marked



dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a small mound of stone, W. of cor.

Chains

- 61.00 Enter scattering timber, bears NE. and W.
- 68.20 Leave bottom land, bears E. and W.; asc. abrupt, ledgy S. slope, 230 ft. to
- 72.20 Spur, projects E. 3 chs. to point, and bears W.; desc.
- 74.00 Leave timber, and begin abrupt descent over ledgy N. slope, 220 ft. to
- 78.00 Base of slope and S. edge of canyon bottom, bears N.80°W and S.80°E.
- 79.32 As the true point for sec. cor. will fall in water course therefore at this point, 1.68 chs. S. of true point, Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. of secs. 23-24-25 and 26, with brass cap marked

WC	
T37S	R24E
S23	S24
S26	S25
1922	

from which
 I mark cross (X) with letters BO WC, on sandstone boulder in place, showing 3x5x1 ft. above ground, bears West, 4 lks. dist. of post.
 and raise a mound of stone, 3 ft. base, 1½ ft. high, SW. of cor.

- Cor. stands in S. edge of Montezuma Canyon, in dense sagebrush and greasewood.
 - 78.90 Right bank of wash, in bottom of Montezuma Canyon, 20 ft. high, vertical, bears N.80°W. and S.80°E.
 - 80.00 True point for sec. cor. in wash bottom, dry, course S.80°E. No cor. set here. Leave temp. point.
- Land, rough, broken point of mesa on canyon slopes, and nearly level canyon bottoms; N. and S. exposures; drainage of Montezuma Canyon S.
- Soil, rocky in form of sandstone ledges and boulders on slopes with shallow sandy and clay loam; deep, fine clay and sandy loam in bottom land.
- Timber, scattering scrub cedar and pinon, on parts of the mile.

-17-

Subdivision of T. 37 S., R. 24 E.

Chains

Undergrowth, scattered to heavy sagebrush and greasewood. Fair grazing land.

From true cor. point.

S. 89°59' E., on random line, bet. secs. 24 and 25.

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

80.04 Intersect E. bdy. of tp., at the cor. of secs. 19-24-25 and 30, heretofore described.

Thence,

N. 89°59' W., on true line, bet. secs. 24 and 25.

Over broken and rolling land, through scattered timber and short undergrowth; gently asc. across bench to

4.00 Leave bench, bears NW. and SW.; asc. steep, rocky E. slope, 60 ft. to

10.65 Top of E. rim of spur, bears N. and S.; thence over rolling top of spur projecting S.

25.25 W. rim of spur, bears N.10°E. and S.30°W.; desc. abrupt rocky W. slope, 240 ft. to

33.50 Base of slope and leave timber, enter nearly level canyon bottom, bears S., and N. for 3 chs. thence to NW. and W.

40.02 In canyon bottom.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S24

$\frac{1}{4}$ ———

S25

1922

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

46.45 Dim road, bears NW. and SE.

54.50 Enter heavy greasewood, 6 to 8 ft. high, bears NW. and SE.

75.25 Left bank of Montezuma Wash, 8 ft. high, bears N.75°W. and S.75°E.; thence across dry channel of wash.

80.04 The true point for cor. of secs. 23-24-25 and 26.

Chains

E. 35½ chs. is broken and rolling land with E. and W. exposures and draining into Monument and Montezuma Canyons; soil, rocky of gray sandstone formation with shallow red sandy and clay loam; covered with scattering scrub cedar and pinon and short sagebrush: remainder of mile is level bottom of Montezuma Canyon which drains southerly; covered with heavy greasewood and sagebrush 2 to 8 ft. high: soil, deep, stiff clay loam.

From true cor. point.

N. 0°01' W., bet. secs. 23 and 24.

Across channel of Montezuma wash, draining S.80°E.

3.00 Left bank of wash, 12 ft. high, bears N.80°W. and S.80°E. thence over canyon bottom, through heavy greasewood and sagebrush, 6 to 10 ft. high, and few scattered cottonwoods.

9.10 Lim road, bears N.70°W. and E.; also leave canyon bottom and cottonwoods, bears same.

19.10 Top of low, rocky point from the E., 70 ft. above wash, projects W. 1½ chs. dist. to end; desc. over 30 ft. ledge.

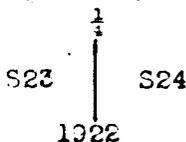
12.60 Base of point, re-enter canyon bottom and heavy undergrowth, 6 to 10 ft. high, bears NE. and SW.

25.00 Leave bottom land, bears N.60°E. and S.60°W.: gradually asc. over E. slope of rocky point from the W.

31.60 Leave rocky point, re-enter canyon bottom, bears N.30°W. and SE.: continue through more scattered undergrowth.

40.00 In level bottom land.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Subdivision of T. 37 S., R. 24 E.

Chains

- 48.50 Leave bottom land, enter rough, broken land and scattering timber; bears SE., and NW. for 8 chs., thence to SW.; asc. abrupt, ledgy S. slope, 370 ft. to
- 66.10 Top of spur, projects S. 75° W.; thence along rough W. slope.
- 80.00 On top of S. rim of gulch, 50 ft. below spur, bears NE. and SW.;

Set an iron post, 3 ft. long, 2 ins. dia., 3 ins. in the ground to bedrock, and in a large mound of stone, 5 ft. base, for the cor. of secs. 13-14-23 and 24, with brass cap marked

T37S	R24E
S14	S13
S23	S24

1922

from which

- A cedar, 5 ins. diam., bears N. 65° E., 41 lks. dist., marked T37S R24E S13 BT
- A pinon, 18 ins. diam., bears S. 48° E., 169 lks. dist., marked T37S R24E S24 BT
- A cedar, 10 ins. diam., bears S. 4 1/2° W., 86 lks. dist., marked T37S R24E S23 BT
- A cedar, 8 ins. diam., bears N. 28° W., 111 lks. dist., marked T37S R24E S14 BT

Land, broken mesa slopes and canyon bottom: general S. and SW. exposure and drainage into Montezuma Canyon.

Soil, rocky of sandstone formation with shallow sandy and clay loam; deep clay loam in bottom of canyon.

Timber, scattering cedar and pinon, on northern portion of rite; few cottonwoods along Montezuma Canyon.

Undergrowth, dense to scattering sagebrush and greasewood.

Fair grazing land.

S. 89° 59' E., on random line, bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect E. bdy. of tp., 7 lks. N. of the cor. secs. 13-18-19 and 24, heretofore described.

Thence,

N. 89° 56' W., on true line, bet. secs. 13 and 24.

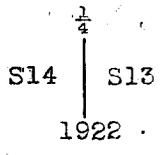
Subdivision of T. 37 S., R. 24 E.

Chains	
18.30	<p>Over rolling and broken mesa land, through scattering timber and short undergrowth; proceed along top to W. rim of upper mesa, bears N. and S.; desc. over SW. slope, 140 ft. to</p>
40.05	<p>On a slight SW. slope. Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in the ground to bedrock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	S13
	$\frac{1}{4}$ ————— S24 1922
	from which
	<p>A cedar, 8 ins. diam., bears S. 39° W., 85 lks. dist., marked $\frac{1}{4}$ S24 BT A pinon, 6 ins. diam., bears N. 28$\frac{1}{2}$° W., 211 lks. dist., marked $\frac{1}{4}$ S13 BT</p>
43.00	<p>Flat raise forming spur, projecting S. 70° W.; desc. W. and NW. slopes, 160 ft. to</p>
80.10	<p>The cor. of secs. 13-14-23 and 24. Land, rolling and broken mesa with general SW. exposure and drainage. Soil, rocky in form of bedrock and low broken ledges, of sandstone formation, with shallow, loose sandy and clay loam. Timber, scattering cedar and pinon, on mile. Undergrowth, short, scattering sagebrush and greasewood. Fair grazing land.</p>
	<hr/> N. 0° 01' W., bet. secs. 13 and 14.
10.60	<p>Over rough broken land, through scattering timber and undergrowth; desc. steep, ledgy NW. slope, 250 ft. to Bottom of short branch draw from the E., drains W. for 3 chs. into a gulch, course S. 20° W.; asc. along a W. slope, on E. side of gulch; 140 ft. to</p>
16.60	<p>Top of ascent on W. slope, bears E.; desc. 50 ft. to</p>
34.00	<p>Bottom of gulch, course S. 10° W.; asc. abruptly over ledgy S. slope.</p>

Subdivision of T.37 S., R.24 E.

Chains

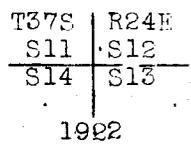
46.00 On steep, rocky S. slope, 140 ft. above gulch.
Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and in a mound of stone, for 1/4 sec. cor., with brass cap marked



from which
A cedar, 14 ins. diam., bears N.77°E., 82 lks. dist., marked 1/4 S13 BT
A cedar, 10 ins. diam., bears S.28°W., 25 lks. dist., marked 1/4 S14 BT

47.70 S. rim of mesa, 330 ft. above 1/4 sec. cor., bears N.10°E. and SW.: thence over rolling top, SE. slope, through heavier timber.

80.00 On a slight E. slope, 35 ft. above rim.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11-12-13 and 14, with brass cap marked



from which
A cedar, 12 ins. diam., bears N.43°E., 105 lks. dist., marked T37S R24E S12 BT
A cedar, 14 ins. diam., bears S.42°E., 39 lks. dist., marked T37S R24E S13 BT
A cedar, 10 ins. diam., bears S.16 1/4°W., 31 lks. dist., marked T37S R24E S14 BT
A cedar, 6 ins. diam., bears N.35 1/2°W., 17 lks. dist., marked T37S R24E S11 BT

Land, rough, broken slopes, and rolling top of mesa; general southern exposure and drainage.
Soil, rocky in form of ledges and boulders on slopes; loose sandy and clay loam on top with scattered rock.
Timber, scattering to medium dense cedar and pinon.
Undergrowth, sagebrush. Fair grazing land.

S. 89°56' E., on random line, bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

Subdivision of T. 37 S., R. 24 E.

Chains

80.10 Intersect E. bdy. of tp., 16 lks. S. of cor. secs. 7-12-13 and 18, heretofore described.

Thence, S. 89°57' W., on true line, bet. secs. 12 and 13.

Over broken land, through medium dense timber and short, scattering undergrowth; gradually asc. along N. slope, 20 ft. to

7.00 Top of ascent on N. slope, bears S.; desc. along N. slope

32.00 Gulch, 120 ft. below top, course SW.; asc. along broken S. slope, 45 ft. to

40.05 On rocky S. slope, at base of 10 ft. ledge, bearing N. 10° E. and SW.

Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked

S12

1/4

S13

1922

from which

A cedar, 12 ins. diam., bears S. 55° W., 126 lks. dist., marked 1/4 S13/BT

No suitable bearing tree available in sec. 12.

Continue abrupt ascent over S. and SE. slopes, 120 ft.

47.00 N. rim of gulch, bears NE. and SW.; thence over rolling mesa top.

52.50 Begin descent over W. slope of 90 ft. to

64.80 Small draw, course S.; gradually asc. SE. slope, 75 ft.

80.10 The cor. of secs. 11-12-13 and 14.

Land, broken and rolling mesa, with NW. and SE. exposures; drainage SW.

Soil, rocky in form of broken ledges and boulders with shallow clay and sandy loam.

Timber, medium dense cedar and pinon.

Undergrowth, scattering sagebrush and greasewood.

Fair grazing land.

Subdivision of T. 37 S., R. 24 E.

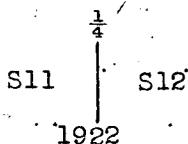
Chains

N. 0°01' W., bet. secs. 11 and 12.

Over rolling mesa land, through dense timber and scattering undergrowth; gradually asc. over SE. exposure.

35.30 Leave nearly all timber, enter heavier undergrowth, bears E. and NW.

40.00 On a S. slope, 90 ft. above sec. cor.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

- A cedar, 8 ins. diam., bears S. 79 1/2° W., 238 lks. dist., marked 1/4 S11 BT
- A cedar, 7 ins. diam., bears S. 54 1/2° E., 390 lks. dist., marked 1/4 S12 BT

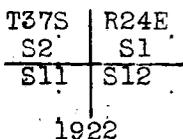
45.40 Top of raise, 55 ft. above 1/4 sec. cor., bears S. 10° W., and NE. for 8 chs. to summit of barren hill; thence along rolling W. slope.

59.60 Ridge, 115 ft. above 1/4 sec. cor., bears W. and E.: desc. gradual N. and NW. slopes.

66.70 Enter medium dense timber, bears NE. and W.

77.00 Trail, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 1-2-11 and 12, with brass cap marked



from which

- A pinon, 14 ins. diam., bears N. 66 1/4° E., 64 lks. dist., marked T37S R24E S1 BT
- A cedar, 10 ins. diam., bears S. 25 1/2° E., 32 lks. dist., marked T37S R24E S12 BT
- A pinon, 12 ins. diam., bears S. 76 1/2° W., 49 lks. dist., marked T37S R24E S11 BT
- A cedar, 6 ins. diam., bears N. 37 1/2° W., 57 lks. dist., marked T37S R24E S2 BT

Cor. stands in head of small drain, course S. 70° W., 135 ft. below ridge.

Subdivision of T. 37 S., R. 24 E.

Chains

enlisd0

Land, rolling top of mesa, having a general SE. and NW. exposure and drainage.

Soil, shallow clay and sandy loam, mixed with scattered sandrock, lying on rock and clay subsoils.

Timber, dense to scattering cedar and pinon.

Undergrowth, scattering sagebrush. Good grazing land.

N. 89°57' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect E. bdy. of tp., at the cor. of secs. 1-6- 7 and 12, heretofore described.

Thence,

S. 89°57' W., on true line, bet. secs. 1 and 12.

Over rolling mesa top, through dense timber and scattering undergrowth; gradually asc. along S. and SE. slopes.

38.00 Top of wide, rolling ridge, 70 ft. above sec. cor., bears N.20°E. and S.W.; thence over gentle W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and in a mound of stone, for 1/4 sec. cor.; with brass cap marked

S1

1/4

S12

1922

from which

A pinon, 8 ins.diam., bears S.21 1/2°W., 30 lks. dist., marked 1/4 S12 BT

A pinon, 6 ins.diam., bears N.41 1/2°W., 77 lks. dist., marked 1/4 S1 BT

78.60 Trail, bears NE. and S.30°W.; begin steeper descent.

80.08 The cor. of secs. 1-2-11 and 12., 75 ft. below 1/4 sec. cor.

Land, rolling top of mesa, with SE. and W. exposures.

Soil, deep clay and sandy loam mixed with scattering rock.

Timber, dense cedar and pinon, on mile.

Undergrowth, sagebrush, 2 to 3 ft. high.

Subdivision of T. 37 S., R. 24 E.

Chains

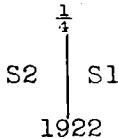
N. 0°01' W., on true line, bet. secs. 1 and 2.

Over rolling top of mesa, through medium dense timber and short undergrowth.

14.60 Edge of mesa and E. rim of Montezuma Canyon, 15 ft. above sec. cor., bears NE. and SW.; desc. abrupt, ledgy N. and NW. slopes, 195 ft. to

22.70 Depression on W. slope, drains W. 3 chs. dist. to canyon bottom; asc. SW. slope, 75 ft. to

40.00 On top of ascent of W. slope, bears E. to mesa. Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



from which

A pinon, 5 ins. diam., bears S. 53° E., 39 lks. dist., marked 1/4 S1 BT

A pinon, 10 ins. diam., bears N. 48 1/2° W., 96 lks. dist., marked 1/4 S2 BT

Desc. abrupt, ledgy NW. slope, 375 ft. to

49.20 Base of slope and leave timber, enter canyon bottom and dense, tall greasewood, bears E. and W.; thence over level bottom of Coalbed Canyon.

54.90 Left bank of wash, 15 ft. high, vertical, bears N. 60° E. and S. 60° W.; thence across the wash, in bottom of Coalbed Canyon, having a small alkaline seep, course W. for 3 chs. to junction with wash in Montezuma Canyon, entering from the NW., and flowing S.

60.20 Right bank of wash, 20 ft. high, vertical, bears NE. and W.

66.20 Same bank, bears NW. and SE.; thence across wash, course SE., small seepage and quick-sand.

70.00 Left bank, 3 ft. high, bears NW. and SE.; thence over low, sandy bottom, through scattering cottonwoods.

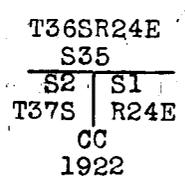
79.25 Intersect N. bdy. of tp., 2.96 chs. West, of the cor. of secs. 1-2-35 and 36, which is an iron post, 2 ins.

Subdivision of T. 37 S., R. 24 E.

Chains

dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. This cor. now refers to secs. 35 and 36, T.36 S., R.24 E., I deface marks on post and the two bearing trees pertaining to T. 37 S., and raise a small mound of stone, N. of cor.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for closing cor. of secs. 1 and 2, T.37 S. R.24 E., with brass cap marked



from which

A cottonwood, 6 ins. diam., bears S.66 $\frac{1}{2}$ °E., 88 lks. dist., marked T37S R24E S1/CC BT

A cottonwood, 10 ins. diam., bears S.46°W., 20 lks. dist., marked T37S R24E S2/CC BT

Land, rolling top and rough, broken slopes of mesa on S. 49.20 chs.; soil, rocky in form of ledges and boulders with shallow sandy and clay loam; covered with a medium growth of scrub cedar and pinon: remainder of mile follows along bottom of Coal Bed Canyon; soil, deep clay and sandy loams; covered with dense greasewood and sagebrush, and some scattered cottonwoods.

From the cor. of secs. 2-3-34 and 35 on S. bdy. of tp., which is an iron post, 2 ins. dia., extending 6 ins. above, and firmly set in a large mound of stone, marked and witnessed as described by the surveyor general.

Thence,
N. 0°01' W., bet. secs. 34 and 35.
Over rolling top of mesa, through dense timber and very scattered undergrowth.

Subdivision of T. 37 S., R. 24 E.

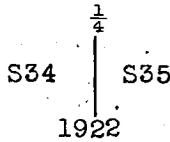
Chains

11.50 Edge of mesa top, bears NW. and S 75° E.; thence along a broken and rocky E. slope, descending.

39.20 Depression on E. slope, 160 ft. below top, drains E.

40.00 On a gradual SE. slope, 20 ft. above depression, and at E. base of large sandstone boulder.

Set an iron post, 3 ft. long, 1 in dia., 8 ins. in the ground, to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



from which

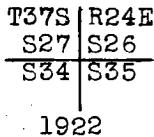
A cedar, 6 ins. diam., bears N. 9° E., 16 lks. dist., marked 1/4 S35 BT

A cedar, 8 ins. diam., bears N. 69° W., 41 lks. dist., marked 1/4 S34 BT

Continue along broken E. slope, gradually ascending.

80.00 On gradual E. slope, 100 ft. above 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 26-27-34 and 35, with brass cap marked



from which

A cedar, 6 ins. diam., bears N. 13 1/2° E., 44 lks. dist., marked T37S R24E S26 BT

A cedar, 16 ins. diam., bears S. 81 1/2° E., 58 lks. dist., marked T37S R24E S35 BT

A cedar, 6 ins. diam., bears S. 33° W., 14 lks. dist., marked T37S R24E S34 BT

and raise a mound of stone, 4 ft. base, 3 ft. high,

W. of cor. No suitable bearing tree in sec. 27, too scrubby.

Land, rolling and broken mesa; general exposure and

drainage E. into Montezuma Canyon.

Soil, rocky with shallow clay and sandy loam; surface

strewn with huge black sandstone boulders on slopes

of mesa.

Timber, medium growth of cedar and pinon, on mile.

Subdivision of T. 37 S. R. 24 E.

Chains	Chains
	Undergrowth, scattered sagebrush and some grass. 02.11
	<hr/>
	N. 89°56' E., on random line, bet. secs. 26 and 35. 02.93
40.00	Set temp. $\frac{1}{4}$ sec. cor. 00.04
80.02	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 25-26-35 and 36.
	Thence,
	S. 89°59' W., on true line, bet. secs. 26 and 35.
	Over broken land, through scattering timber and short undergrowth; desc. along S. slope.
6.00	Sandstone rim ledge, 50 ft. high, bears N.70°W. and S.70°E.; thence along a precipitous S. face to
12.30	Same ledge, bears NE. and SW.; asc. along S. slope.
20.30	Shallow draw, course SE.; asc. E. and NE. slopes.
35.10	Spur, 220 ft. above draw, projects S. and bears N. about .3 chs. to E. and W. ridge; desc. 70 ft. to
40.01	in head of small draw, drains S.10°E.
	Set an iron pest, 3 ft. long, 1 in. dia., 6 ins. in ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S26
	$\frac{1}{4}$ ———
	S35
	1922
	from which
	A cedar, 10 ins. diam., bears S.82 $\frac{3}{4}$ °E., 33 lks. dist., marked $\frac{1}{4}$ S35 BT
	A cedar, 14 ins. diam., bears N.87 $\frac{1}{2}$ °W., 62 lks. dist., marked $\frac{1}{4}$ S26 BT
	Asc. E. slope, 70 ft. to
43.60	W. rim of draw, bears NE. and S.; thence gradually asc. SE. slope, 150 ft. to
80.02	The cor. of secs. 26-27-34 and 35.
	Land, broken and rolling mesa, with SE. exposure and drainage.
	Soil, rocky and shallow clay loam; surface strewn with large black sandstone and conglomerate boulders on W. portion of mile.

Subdivision of T. 37 S., R. 24 E.

Chains

Timber, scattering cedar and pinon, heavier near the W. end of mile.

Undergrowth, scattering short sagebrush. Fair grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Over broken land, through scattering timber and short undergrowth; gradually asc. SE. slope, 15 ft. to

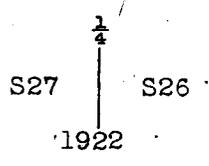
5.90 Ridge, bears E. and S.60°W.; desc. rolling N. slope.

11.50 Leave all but few scattered trees, bears E. and W.

30.30 Stock trail, bears E. and W.

40.00 On a gradual NW. slope, 140 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A cedar, 4 ins. diam., bears S.15 1/4°E., 151 lks. dist., marked 1/4 S26 BT

A cedar, 8 ins. diam., bears S.48°W., 123 lks. dist., marked 1/4 S27 BT

Continue gradual descent along W. slope, entering scattering timber.

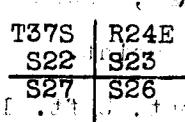
59.00 E. rim of gulch, 50 ft. below 1/4 sec. cor., bears N.20°E. and S.10°W.; desc. steep, ledgy NW. slope, 210 ft. to

74.70 Wash, 20 lks. wide, 6 ft. deep, in bottom of gulch, course N.10°E.

76.80 Recross same, course N.20°W.

80.00 In gulch bottom, 10 lks. E. of the wash.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 22-23-26 and 27, with brass cap marked



from which

Chains

enlar0

- A cedar, 10 ins.diam., bears N.56°E., 246 lks. dist., marked T37S R24E S23 BT
- A cedar, 8 ins.diam., bears S.65°E., 103 lks. dist., marked T37S R24E S26 BT
- A cedar, 12 ins.diam., bears S.71½°W., 120 lks. dist., marked T37S R24E S27 BT
- A cedar, 10 ins.diam., bears N.63½°W., 92 lks. dist., marked T37S R24E S22 BT

Land, rolling and broken mesa; S. exposure on S. 6 chs. and north on remainder; drainage into Montezuma Canyon.

Soil, clay and sandy loam, and rocky of sandstone formation.

Timber, scattering cedar and pinon.

Undergrowth, scattering sagebrush and greasewood; dense in gulch bottom. Good grazing land, on greater portion of mile.

N. 89°59' E., on random line, bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 2 lks. S. of the true point for cor. secs. 23-24-25 and 26, which is 1.68 chs. dist.

N. of the witness cor.; thence from true cor. point, S. 89°58' W., on true line, bet. secs. 23 and 26.

Across dry channel of wash in bottom of Montezuma Canyon.

1.55 Right bank of wash, 10 ft. high, vertical, bears N.60°W. and SE.; thence over rough, broken land, through scattering timber and undergrowth; asc. abrupt, ledgy NE. slope, 240 ft. to

8.30 Top of abrupt ascent on edge of spur point, bears N. and SE.; thence over top of spur, which projects N. to

15.70 W. edge of spur, bears N.10°E. and S.20°W.; desc. abrupt, ledgy NW. slope, 125 ft. to

23.10 Base of abrupt descent, bears N.20°E. and S.80°W.; thence along a broken N. slope, at base of break to S. of line

40.01 At base of break, bears NW. and S.80°E., 25 ft. below the 23.10 ch. point.

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and in a large mound of stone, for ¼ sec. cor., with brass cap marked

Subdivision of T. 37 S., R. 24 E.

Chains

S23



S26
1922

from which

- A cedar, 10 ins. diam., bears S. $5\frac{1}{4}^{\circ}$ E., 48 lks. dist., marked $\frac{1}{4}$ S26 BT
- A cedar, 14 ins. diam., bears N. $41\frac{1}{2}^{\circ}$ E., 48 lks. dist., marked $\frac{1}{4}$ S23 BT

Asc. steep, rocky NE. slope, 210 ft. to

54.00 Top of steep ascent, bears N. and SE.; thence over rolling top, asc. 40 ft. to

67.10 W. edge of spur, bears N. and S.; desc. abrupt W. slope, 310 ft. into gulch.

80.02 The cor. of secs. 22-23-26 and 27.

Land, rough and broken mesa and canyon slopes; NE. and N. exposures; drainage into Montezuma Canyon.

Soil, rocky in form of broken sandstone ledges and boulders with shallow clay and sandy loam.

Timber, scattering cedar and pinon.

Undergrowth, scattering sagebrush. Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 22 and 23.

Over low broken land, through scattering timber and short undergrowth; along bottom of gulch.

0.70 Wash, 20 lks. wide, 5 ft. deep, in gulch, course N. 15° E. thence along low bench points, E. exposure.

33.00 Wash, 180 lks. wide, 20 ft. deep, in bottom of Dead Man Canyon, course E. for about 10 chs. to junction with wash in Montezuma Canyon; thence across level bottom land to

35.80 Leave bottom land, bears E. and W.; asc. abrupt, rocky S. slope, 50 ft. to

38.50 N. rim of gulch, bears E. and W.; thence over low bench, extending E. and W.

40.00 On low bench, S. exposure, 80 ft. above wash.

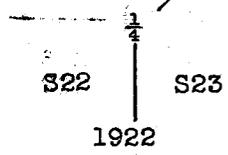
Set an iron post, 3 ft. long, 1 in. dia., 7 ins. in the ground to bedrock, and in a large mound of stone, for

Subdivision of T. 37 S. R. 24 E. 2

Chains

ariso

1/4 sec. cor., with brass cap marked



from which

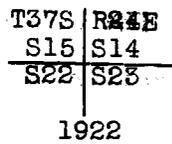
- A cedar, 12 ins. diam., bears S. 30° E., 105 lks. dist., marked 1/4 S23 BT
- A cedar, 10 ins. diam., bears S. 83° W., 44 lks. dist., marked 1/4 S22 BT

56.00 Leave bench, bears NE. and SW.; asc. steep, rocky SE. slope, 350 ft. to

70.20 Top of E. point of mesa, bears W.; desc. rocky N. slope, 125 ft. to

80.00 On a N. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 3 ins. in the ground to bedrock, and in a large mound of stone, with 5 ft. base, for the cor. of secs. 14-15-22 and 23, with brass cap marked



from which

- A cedar, 6 ins. diam., bears N. 27° E., 13 lks. dist., marked S14 BT (too scrubby)
- A pinon, 6 ins. diam., bears S. 37 1/2° E., 143 lks. dist., marked T37S R24E S23 BT
- A pinon, 8 ins. diam., bears S. 8 1/2° W., 149 lks. dist., marked T37S R24E S22 BT
- A cedar, 8 ins. diam., bears N. 48 1/2° W., 52 lks. dist., marked T37S R24E S15 BT

Land, rough and broken with general eastern exposure, and drainage into Montezuma Canyon.

Soil, rocky with shallow clay and sandy loam; sandstone formation.

Timber, scattering cedar and pinon.

Undergrowth, sagebrush and scattering greasewood.

N. 89° 58' E., on random line, bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N. and S. line, 2 lks. N. of the cor. of secs.

Survey of T. 37 S., R. 24 E.

Chains

- 13-14-23 and 24.
- Thence, S. 89°59' W., on true line, bet. secs. 14 and 23.
- Over rough and broken land, through scattering timber and short undergrowth; desc. over abrupt, rocky NW slope, from rim, 240 ft. to
- 10.50 Base of slope, enter gulch, bears NE. and SW.; thence across level bottom.
- 12.80 Wash, 20 lks. wide, 10 ft. deep, course S. 10° W.
- 24.00 Leave gulch, bears NE. and S.; asc. abrupt, ledgy E. slope
- 29.10 Sharp rocky spur, in saddle, 170 ft. above gulch, projects S. 20° W.; desc. abrupt W. slope, 170 ft. to
- 32.80 Base of slope, enter Montezuma Canyon and dense undergrowth, bears N. 10° W. and S. 10° E.
- 39.00 Dim road, bears NW. and SE.
- 39.99 In level canyon bottom.
- Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- S14
- $\frac{1}{4}$ —————
- S23
- 1922
- from which
- A cottonwood, 13 ins. diam., bears S. 40 $\frac{1}{2}$ ° E., 264 lks. dist., marked $\frac{1}{4}$ S23 BT
- A cottonwood, 9 ins. diam., bears N. 56° W., 273 lks. dist., marked $\frac{1}{4}$ S14 BT
- 55.60 Left bank of Montezuma Wash, 5 ft. high, bears N. and S. 60° E.; thence across dry channel, course S. 80° E., from N. 20° E.
- 61.80 Right bank, 20 ft. high, bears N. and SE.
- 65.80 Leave canyon bottom, bears NW. and SE.; asc. abrupt, rocky NE. slope, 255 ft. to
- 71.50 Rim of canyon, bears NW. and SE.; thence along a rocky N. slope to
- 79.98 The cor. of secs. 14-15-22 and 23.
- Land, rough and broken slopes of canyons; E. and W. exposures; drainage S.

Subdivision of Twp 37 S., R. 24 E.

Chains

anisid

Soil, rocky in form of ledges and boulders with shallow loose sandy and clay loam, on the rough portions; deep clay and sandy loam in canyon bottom; sandstone formation.

Timber, scattering scrub cedar and pinon on slopes; scattering clumps of cottonwoods in Montezuma Canyon.

Undergrowth, sagebrush and greasewood, scattered on slopes and dense in canyon bottom.

Fair grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Over rough and broken land, through scattering timber and short undergrowth; desc. abrupt, rocky NE slope.

16.00 Depression on E. slope, 220 ft. below sec. cor., drains E. 3 chs. to bottom lands in Montezuma Canyon; thence across low bench to

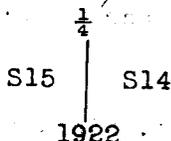
25.20 Begin abrupt ascent over S. slope, bears E. and W.

29.25 S. edge of spur, projects E. 2 1/2 chs. to end, and bears W., 170 ft. above depression.

32.50 N. edge of same; desc. abrupt, ledgy N. slope.

38.00 Base of abrupt descent, 215 ft. below spur, bears E. and W.; continue slight descent over low bench, 25 ft.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



from which

A cedar limb, 8 ins. diam., bears N. 33° E., 92 lks. dist., marked 1/4 S14 BT

A cedar, 5 ins. diam., bears N. 42° W., 76 lks. dist., marked 1/4 S15 BT

44.60 Wash, 40 lks. wide, 15 ft. deep, in hollow, 40 ft. below 1/4 sec. cor., course S, 85° E.; gradually asc. rocky SE. slope, 220 ft. to

62.00 Top of ascent on narrow, E. point of rocky bench

Subdivision of T. 37 S., R. 24 E.

Chains

- extends W., and breaks off to E.; desc. steep, rocky N. slope, 195 ft. to
- 69.10 Right bank of Montezuma Wash, 20 ft. high, vertical; bears NW. and E.; thence across dry, sandy channel of wash, course E.
- 74.60 Left bank of wash, 4 ft. high, bears NW. and E.; thence across low sandy ground subject to overflow.
- 79.95 Upper left bank, 12 ft. high, vertical, bears W. and S.80°E.
- 80.00 True point for sec. cor. falls near edge of bank where it is impracticable to set cor., therefore I witness same 10 lks. N., or at
- 80.10 Set an iron post; 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. of secs. 10-11-14 and 15, with brass cap marked

T37S	R24E
S10	S11
S15	S14
WC	
1922	

from which

- A cottonwood, 12 ins. diam., bears S.49°E., 157 lks. dist., marked WC T37S R24E S14 BT
- A cottonwood, 14 ins. diam., bears S.22°W., 107 lks. dist., marked WC T37S R24E S15 BT

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rough and broken slopes along W. side of Montezuma Canyon, and canyon bottom: drainage southerly.

Soil, rocky in form of ledges, surface rock and boulders, with shallow clay and sandy loam, on slopes; deep clay and sandy loam in bottom.

Timber, scattering scrub cedar and pinon, on the rough portions: few scattered cottonwoods near the witness cor.

Undergrowth scattered to dense sagebrush and greasewood.

Fair grazing land.

Subdivision of T. 38 S., R. 24 E.

erindD

Chains

N. 89°59' E., on random line, bet. secs. 11 and 14, from true cor. point.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line, 12 lks. N. of the cor. secs. 11-12-13 and 14.

Thence,

N. 89°56' W., on true line, bet. secs. 11 and 14.

Over rolling top of mesa, through dense timber and scattering undergrowth; along slight E. exposure to

5.00 Raise on mesa, bears N. and S.; thence over slight SW. exposure.

30.00 Edge of mesa and E. brink of canyon, bears N. for 8 chs. thence NW., and S. 10°W.; desc. abrupt W. slope, 450 ft.

40.03 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S11

1/4 ———

S14

1922

from which

A cedar, 8 ins. diam., bears N. 70°E., 86 lks. dist., marked 1/4 S11 BT

A cedar, 8 ins. diam., bears S. 16 1/2°E., 126 lks. dist., marked 1/4 S14 BT

Cor. stands at base of slope, in E. edge of canyon bottom, bears NW. and S.

Thence across level canyon bottom, through dense sagebrush and greasewood.

44.70 Dim road, bears NW. and S.

44.85 Left bank of Montezuma Wash, 15 ft. high, bears N. 60°W. and S.; thence across dry, sandy channel, course SE.

50.80 Right bank, 3 ft. high, bears NW. and S. 20°E.; considerable cottonwoods along bank at this point.

63.00 Same bank, 4 ft. high, bears NE. and SW.; thence across channel, course NE.

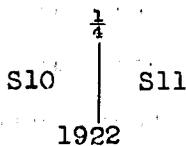
72.15 Right bank, 15 ft. high, bears NE. and SW.

72.45 Dim road, bears NE. and S.

75.30 Cross S. end of low rocky point, 25 ft. high, bears N.

Chains

- 77.65 Dim road, bears NW. and SE.
 - 80.06 The true point of cor. of secs. 10-11-14 and 15.
E. $\frac{1}{2}$ mile is rolling top and abrupt W. face of mesa; covered with medium dense cedar and pinon and short sagebrush; soil, rocky with shallow sandy and clay loam; remainder of mile is level canyon bottom, covered with dense, tall sagebrush and greasewood, and scattered cottonwoods along wash banks; soil, deep clay loam, and sandy. Fair grazing land.
-
- From true cor. point,
- N. 0°01' W., bet. secs. 10 and 11.
Over canyon bottom, through dense greasewood and sagebrush.
 - 0.10 The witness cor.
 - 3.15 Dim road, bears NW. and SE.
 - 9.00 Leave canyon bottom, bears E. and W.; asc. abrupt, ledgy S. slope, 460 ft. to
 - 24.10 Spur, projects S.80°W.; desc. abrupt N. slope, 330 ft.
 - 30.80 Base of slope, enter Montezuma Canyon and dense greasewood, bears E. and W.
 - 32.40 Dim road, bears E. and W.
 - 34.30 Left bank of wash, 20 ft. high, vertical, bears E. and W.; thence across dry channel, course W.
 - 37.10 Right bank of wash, 3 ft. high, bears NE. and W., thence over low sandy ground, through cottonwoods to
 - 39.40 Upper bank, 18 ft. high, vertical, bears E. and W.
 - 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

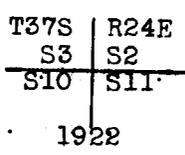
- A cedar, 12 ins. diam., bears N.15 $\frac{3}{4}$ °E., 99 lks. dist., marked $\frac{1}{4}$ S11 BT
- A cedar, 8 ins. diam., bears N.5 $\frac{1}{4}$ °W., 166 lks. dist., marked $\frac{1}{4}$ S10 BT

Subdivision of T. 37 S., R. 24 E.

Chains

Chains

Asc. gradual S. slope, through scattering cedar and pinon, 200 ft. to
 63.50 Spur, projects SE.; desc. NE. slope, 150 ft. to
 74.75 Base of descent and leave timber and rocky land, enter level bottom land with dense undergrowth, in Montezuma Canyon, bears N.30°W. and SE.
 80.00 In level bottom land.
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 2-3-10 and 11, with brass cap marked



raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, abrupt canyon slopes and level bottom lands, along Montezuma Canyon.
 Soil, rocky with shallow clay and sandy loam on slopes; deep clay loam in canyon; gray sandstone formation.
 Timber, scattering scrub cedar and pinon, on slopes; some cottonwoods along Montezuma Wash.
 Undergrowth, sagebrush and greasewood; dense in bottom lands; fair grazing land.

40.00 S. 89°56' E., on random line, bet. secs. 2 and 11.
 Set temp. 1/4 sec. cor.
 80.10 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 1-2-11 and 12.
 Thence,
 N. 89°54' W., on true line, bet. secs. 2 and 11.
 Over rough and broken land, through medium dense timber and short, scattering undergrowth; gradually desc. over SW. slope.
 10.50 Begin steeper descent over broken NW. slope.
 40.05 On a gradual S. slope, 270 ft. below sec. cor.

Subdivision of T. 37 S., R. 24 E.

Chains

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S2

 $\frac{1}{4}$

S11

1922

from which

A cedar, 10 ins. diam., bears S. 32° W., 31 lks. dist., marked $\frac{1}{4}$ S11 BT

A cedar, 8 ins. diam., bears N. 5° W., 70 lks. dist., marked $\frac{1}{4}$ S2 BT

Continue a more gradual descent, along N. side of draw.

49.10 Trail, bears NW. and SE.

51.90 Bottom of draw, course N. 85° W.; also top of 20 ft. rim ledge extending across same, bears NW. and SW.; continue descent into canyon.

57.60 Wash, 2 chs. wide, dry, 15 ft. deep, in bottom of Montezuma Canyon, 175 ft. below $\frac{1}{4}$ sec. cor., course SW.; scattered cottonwoods along wash.

61.90 Outer bank of wash, 20 ft. high, vertical, bears NE. and SW.; thence over nearly level canyon bottom, through dense greasewood 6 to 8 ft. high.

69.00 Leave dense brush, enter more scattered and shorter undergrowth, bears N. and S.

71.30 Dim road or trail; bears N. 30° E. and S.

80.10 The cor. of secs. 2-3-10 and 11, 40 ft. above wash. E. portion of mile is general W. face of mesa slope on E. side of Montezuma Canyon, covered with medium dense cedar and pinon timber and short scattered sagebrush; soil, rocky with shallow clay and sandy loam; sandstone formation: W. portion is nearly level canyon bottom, with dense to scattered greasewood and some sagebrush; soil, deep; stiff clay.

Fair grazing land.

N. $0^{\circ} 01'$ W., on true line, bet. secs. 2 and 3.

Over level canyon bottom, through greasewood 2 to 4 ft.

Subdivision of T. 37 S., R. 24 E.

SA11680

Chains

high.

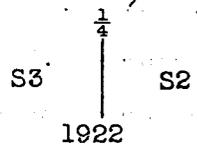
11.20 Leave bottom and dense greasewood, enter low broken and rocky land with scattering timber, bears N.80°E. and SW.; over land facing and drainage E.

23.50 Top of ascent on low bench, 105 ft. above sec. cor., extends SE. about 12 chs. to end.; desc. 30 ft. to

31.10 Depression on E. slope, drains E. 2 chs. dist. to bottom lands; asc. 55 ft. to

40.00 On level bench.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 7 ins. diam., bears S.45°E., 9 lks. dist., marked $\frac{1}{4}$ S2/BT

A cedar, 8 ins. diam., bears S.49 $\frac{1}{2}$ °W., 33 lks. dist., marked $\frac{1}{4}$ S3/BT

Continue along low broken land, facing E.

48.25 The bottom lands in Devil Canyon bearing NE. and SE., bears E. of line $1\frac{1}{2}$ chs. dist.

53.00 Depression on E. slope, 50 ft. below $\frac{1}{4}$ sec. cor., drains E. into Devil Canyon; thence begin abrupt ascent over rocky SE. slope, 240 ft. to

65.50 Top of ascent on E. point of high mesa, bears NW. and SW.; desc. abrupt NE. slope, 230 ft. to

79.11 Intersect N. bdy. of tp., 3.24 chs., West, of the cor. of secs. 2-3-34 and 35, which is an iron post, 2 ins. dia., extending 6 ins. above, and firmly set in, a large mound of stone, marked and witnessed as described by the surveyor general. This cor. now refers to secs. 34 and 35, T. 36 S., R. 24 E., only. I deface the marks on post and the two bearing trees pertaining to T. 37 S.

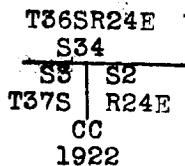
At point of intersection,

Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in ground to bedrock, and in a mound of stone, for

Subdivision of T. 37 S., R. 24 E.

Chains

closing cor. of secs. 2 and 3, with brass cap marked



from which

A cedar, 12 ins. diam., bears S. 44 1/4° E., 46 lks. dist., marked T37S R24E S2 CC BT

A cedar, 14 ins. diam., bears S. 88 3/4° W., 48 lks. dist., marked T37S R24E S3 CC BT

Cor. stands on steep NE. slope, on W. side of Devil Canyon.

Land, rough and broken, with general E. exposure and drainage into Montezuma and Devil Canyons.

Soil, rocky of gray sandstone formation, in form of rim ledges and boulders, with shallow clay loam.

Timber, scattering scrub cedar and pinon.

Undergrowth, sagebrush and greasewood.

Fair grazing land, on portions of mile.

From the cor. of secs. 3-4-33 and 34 on S. bdy. of tp., which is an iron post, 2 ins. dia., extending 10 ins. above ground, firmly set; marked and witnessed as described by the surveyor general.

Thence,

N. 0°02' W., bet. secs. 33 and 34.

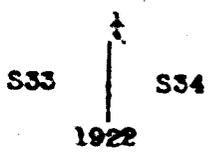
Over gently rolling land, through medium growth of short undergrowth, and a few scattered trees.

2.60 Wash, 15 lks. wide, 3 ft. deep, in bottom of Cave Canyon, course S. 85° E.; thence gradually asc. over smooth S. slope.

37.50 Leave smooth S. slope at base of mesa break, enter rocky land and dense timber, bears E. and W.; asc. steep S. slope.

40.00 On a S. slope; 100 ft. above sec. cor.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor.; with brass cap marked

Subdivision of T. 37 S., R. 24 E.



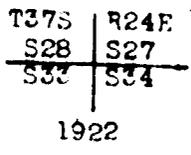
from which

- A cedar, 6 ins. diam., bears S. 86 1/2 ° E., 51 lks. dist., marked 1/4 S34 BT
- A cedar, 8 ins. diam., bears S. 89 1/4 ° W., 31 lks. dist., marked 1/4 S33 BT

47.00 Top of S. brink of mesa, 80 ft. above 1/4 sec. cor., bears S. 70 ° E. and N.; thence over rolling top of mesa, slight S. exposure.

48.00 On mesa at top of ascent, 120 ft. above 1/4 sec. cor., bears N. W. and S. E.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 27-28-33 and 34, with brass cap marked



from which

- A cedar, 8 ins. diam., bears N. 48 ° E., 15 lks. dist., marked T37S R24E S27 BT
- A cedar, 12 ins. diam., bears S. 35 1/2 ° E., 34 lks. dist., marked T37S R24E S34 BT
- A cedar, 12 ins. diam., bears S. 70 1/4 ° W., 79 lks. dist., marked T37S R24E S33 BT
- A cedar, 14 ins. diam., bears N. 32 1/4 ° W., 50 lks. dist., marked T37S R24E S28 BT

S. 37 1/2 chs. is gently rolling land, S. exposure; covered with medium growth of sagebrush, greasewood and grass. and few scattered cedar trees; soil, a deep, dark, stiff clay loam; remainder of mile is S. face of mesa break and rolling top, S. exposure; covered with dense cedar and pinon and medium growth of short sagebrush; soil, loose sandy and rocky.
Good grazing land.

N. 89 ° 55' E., on random line, bet. secs. 27 and 34.

49.00 Set temp. 1/4 sec. cor.

50.02 Intersect N. and S. line, 5 lks. S. of the cor. secs.

Subdivision of T, 37 S., R. 24 E.

Chains

26-27-34 and 35.

Thence,

S. 89°54' W., on true line, bet. secs. 27 and 34.

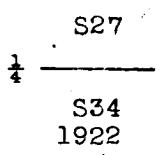
Over broken mesa land; through dense timber and short undergrowth; asc. E. slope covered with large black conglomerate boulders, 70 ft. to

8.30 Ridge, bears NE., and extends S. 1 1/2 chs. to NE. point of mesa top; thence proceed along steep N. slope, near N. edge of mesa.

38.40 Edge of mesa, bears N.70°W. and S.80°E.; thence over rolling top, slight N. exposure.

40.01 On mesa.

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in ground to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



from which

A cedar, 14 ins.diam., bears S.45°E., 41 lks. dist., marked 1/4 S34 BT

A cedar limb, 6 ins.diam., bears N.20°W., 39 lks. dist., marked 1/4 S27 BT

60.40 The N. edge of mesa, bears N.70°W. and N.80°E.; continue along top.

80.02 The cor. of secs. 27-28-33 and 34.

E. 38.40 chs. is broken slopes of mesa, line following along the break facing E. and N.; soil, rocky in form of large black conglomerate and sandstone boulders and rim ledges with shallow clay loam; remainder of mile is rolling top of mesa; soil, loose, shallow sandy loam, lying on bedrock or clay.

Timber, dense cedar and pinon, on mile.

Undergrowth, medium growth of black sagebrush.

Fair grazing land.

-44-
Subdivision of T. 37 S. 9 R. 24 E.

Chains

enlad0

N. 0°02' W., bet. secs. 27 and 28.

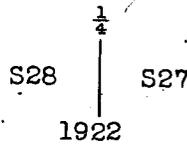
Over rolling mesa top, through dense timber and short undergrowth; slight NE. exposure.

11.70

N. edge of mesa, bears NW. and S. 70° E.; desc. rough N. and NE. slopes.

40.00

Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to underlying rock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 12 ins. diam., bears S. 12° E., 39 lks.

dist., marked $\frac{1}{4}$ S27/BT

A cedar, 8 ins. diam., bears S. 89° W., 17 lks.

dist., marked $\frac{1}{4}$ S28/BT

Cor. stands at base of the rough mesa slope, 210 ft. below sec. cor., bears NW. and SE.

Continue gradual descent over rolling E. slope.

60.00

Low flat ridge, 35 ft. below $\frac{1}{4}$ cor., bears NE. and S. 15° W.; thence over NW. slope.

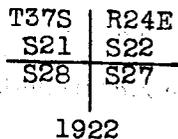
78.50

S. brink of draw, bears E. and S. 15° W.; desc. steep N. slope, 45 ft. to

80.00

On steep, N. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 21-22-27 and 28, with brass cap marked



from which

A cedar, 12 ins. diam., bears N. 30 $\frac{1}{2}$ ° E., 135 lks.
dist., marked T37S R24E S22/BT

A pinon, 10 ins. diam., bears S. 18 $\frac{1}{4}$ ° E., 50 lks.
dist., marked T37S R24E S27/BT

A cedar, 16 ins. diam., bears S. 46 $\frac{1}{2}$ ° W., 47 lks.
dist., marked T37S R24E S28/BT

A pinon, 12 ins. diam., bears N. 66° W., 89 lks.
dist., marked T37S R24E S21/BT

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

Subdivision of T. 37 S., R. 24 E.

Chains

Soil, clay and sandy loam, and rocky; sandstone formation.
 Timber, dense to scattered cedar and pinon.
 Undergrowth, medium growth of sagebrush.
 Good grazing land.

N. 89°54' E., on random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 22-23-26 and 27.

Thence,
 S. 89°55' W., on true line, bet. secs. 22 and 27.
 Over broken and rolling land, through scattering timber and medium undergrowth;

0.20 Wash, 15 lks. wide, 4 ft. deep, course NE.; leave gulch and asc. steep rocky E. slope.

11.80 W. rim of gulch, bears N. and SE.; thence more gradual ascent.

19.00 Leave timber, bears N. and S.

21.50 Top of raise, 270 ft. above sec. cor., bears N. and S.
 Thence over rolling top of bench, slight S. exposure.

36.00 W. edge of bench, enter scattering timber, bears NE. and SW.; desc. NW. slope, 45 ft. to

40.00 On N. slope, in depression, drains N.
 Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to underlying rock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A cedar, 20 ins. diam., bears N. 59 $\frac{1}{4}$ ° E., 98 lks. dist., marked $\frac{1}{4}$ S22 BT
- A cedar, 18 ins. diam., bears S. 69 $\frac{1}{2}$ ° W., 29 lks. dist., marked $\frac{1}{4}$ S27 BT

Asc. NE. slope, 120 ft. to
 54.40 Edge of bench, bears N. and SE.; thence over rolling top, SW. exposure to

Subdivision of T. 37 S., R. 24 E.

Chains	
63.20	W. rim of bench, bears N., and S. for 1 ch. thence SW.;
	thence along broken, rocky N. slope, desc. 50 ft. to
80.12	The cor. of secs. 21-22-27 and 28.
	Land, broken and rolling; general northern exposure and
	drainage.
	Soil, clay and sandy loam on tops of benches, mostly
	rocky on slopes; sandstone formation.
	Timber, scattering cedar and pinon, on greater part of
	mile.
	Undergrowth, medium growth of sagebrush, and some grass.
	Good grazing land.
<hr/>	
	N. 0°02' W., bet. secs. 21 and 22.
	Over rolling and broken land, through medium dense
	timber and short undergrowth; desc. gradual, rocky N.
	slope, 105 ft. to
14.30	Wash, 40 lks. wide, 1 ft. deep, rock bottom, in bottom
	of Dead Man Canyon, course E.; asc. steep S. slope.
21.30	N. rim of canyon, 140 ft. above wash, bears E. and S. 70°
	W.; continue more gradual ascent on S. slope, 75 ft. to
37.00	Small spur, projects SE.; desc. 30 ft. to
40.00	On NE. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in
	the ground to underlying rock; and in a large mound of
	stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ | S21 S22 | 1922 </div>
	from which
	A pinon, 12 ins. diam., bears N. 71 $\frac{1}{4}$ ° E., 148 lks.
	dist., marked $\frac{1}{4}$ S22 BT
	A cedar, 14 ins. diam., bears N. 32 $\frac{1}{4}$ ° W., 44 lks.
	dist., marked $\frac{1}{4}$ S21 BT
40.30	Bottom of small draw, near head, drains N. 80° E.; asc.
52.50	Wide spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects E.; desc.
	rolling NE. slope, 188 ft. to

Subdivision of T. 37 S., R. 24 E.

Chains

78.80 Draw, from the W., course E. for 2 chas., thence SE.;
 asc. 45 ft. to

80.00 On small flat bench
 Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in
 the ground to bedrock, and in a large mound of stone,
 for cor. of secs. 15-16-21 and 22, with brass cap
 marked

T37S	R24E
S16	S15
S21	S22

1922

from which

- A cedar, 8 ins. diam., bears N. 27 $\frac{1}{4}$ ° E., 142 lks.
 dist., marked T37S R24E S15 BT
- A cedar, 10 ins. diam., bears S. 74 $\frac{1}{2}$ ° E., 85 lks.
 dist., marked T37S R24E S22 BT
- A cedar, 12 ins. diam., bears S. 43 $\frac{1}{2}$ ° W., 46 lks.
 dist., marked T37S R24E S21 BT
- A cedar, 12 ins. diam., bears N. 46 $\frac{1}{2}$ ° W., 49 lks.
 dist., marked T37S R24E S16 BT

Land, rough and broken, having a general eastern expo-
 sure and drainage.

Soil, rocky and red clay, on rock and clay subsoil.

Timber, medium dense cedar and pinon.

Undergrowth, medium growth of sagebrush.

Fair grazing land.

N. 89°55' E., on random line, bet. secs. 15 and 22.

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

80.02 Intersect N. and S. line, 5 lks. S. of the cor. of
 secs. 14-15-22 and 23.

Thence,

S. 89°53' W., on true line, bet. secs. 15 and 22.

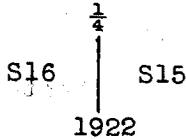
Over broken and rolling land, through dense timber and
 short undergrowth; gradually asc. along rocky NE. slope.

24.60 W. brink of Montezuma Canyon, 165 ft. above sec. cor.,
 bears NW. and S. 70° E.; thence over rolling top of
 mesa spur, slight NE. exposure.

35.70 Top of raise on mesa, 15 ft. above rim, bears NW. and
 SE.; thence over slight W. and SW. exposures.

Subdivision of T. 37 S., R. 24 E.

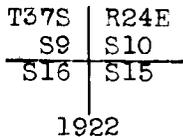
Chains



from which

- A cedar, 8 ins.diam., bears N.80°E., 225 lks.
dist., marked $\frac{1}{4}$ S15 BT
- A cedar, 10 ins.diam., bears S.46°W., 91 lks.
dist., marked $\frac{1}{4}$ S16 BT

- 54.70 Draw, course S.75°E.; asc. rocky SE. slope, 70 ft. to
- 61.00 Top of ascent on E. point of spur from the W.; desc.
NE: slope, 65 ft. to
- 77.00 Small draw, course SE.; asc. rocky SE. slope, 70 ft. to
- 80.00 On a rocky SE. slope:
Set an iron post, 3 ft. long, 2 ins. dia., over cross
(X) cut in bedrock, in a large mound of stone, with
5 ft. base, for the cor. of secs. 9-10-15 and 16, with
brass cap marked



from which

- A pinon, 6 ins.diam., bears N.48 $\frac{1}{2}$ °E., 136 lks.
dist., marked T37S R24E S10 BT
- A pinon, 8 ins.diam., bears S.25°E., 65 lks.
dist., marked T37S R24E S15 BT
- A cedar, 10 ins.diam., bears S.38 $\frac{1}{4}$ °W., 122 lks.
dist., marked T37S R24E S16 BT
- A pinon, 6 ins.diam., bears N.73°W., 102 lks.
dist., marked T37S R24E S9 BT

Land, rough and broken; exposure and drainage SE. and E.
Soil, rocky and shallow clay loam; sandstone formation.
/ Timber, medium dense to scattering cedar and pinon.
/ Undergrowth, medium growth of sagebrush, scant grass.
Fair grazing land.

- N. 89°53' E., on random line; bet. secs. 10 and 15.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 intersect the true point for cor. of secs. 10-11-14 and
15, which is 10 lks. S. of the witness cor.
Thence, from true cor. point.
S. 89° 53' W. on true line

Chains	
	Across canyon bottom.
1.90	Left bank of Wash in Montezuma Canyon, bears NW. and S.85°E.; thence across dry channel, course SE.
9.60	Right bank of wash, bears NW. and SE.
16.65	Leave canyon bottom and tall undergrowth, bears NW. and SE.; asc. steep NE. slope, 210 ft. to
19.15	Top of ascent at base of 50 ft. rim ledge of mesa at point, from S.85°W., to SE.; also point from which corral bears N.38½°W., approximately 25 chs. dist. Continue along abrupt, ledgy N. slope under rim of mesa, through scattering timber.
39.98	On abrupt, ledgy N. slope, 25 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in ground to bedrock, and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	S10 ¼ ----- S15 1922
	from which
	A pinon, 8 ins. diam., bears N.83½°E., 51 lks. dist., marked ¼ S10/BT
	A pinon, 8 ins. diam., bears S.55½°W., 103 lks. dist., marked ¼ S15/BT
43.00	Depression on N. slope, level with ¼ cor., drains N.; asc. abrupt NE. slope, 150 ft. to
50.00	Brink of canyon, bears NW. and SE.; thence gradually asc. over rolling top of mesa, through heavier timber.
50.15	Point from which corral bears N.41½°E., approximately 25 chs. dist.
66.50	Edge of mesa, bears NW. and SE.; desc. SW. slope, 130 ft.
75.00	Small draw, course S.30°E.; asc. 35 ft. to
79.96	The cor. of secs. 9-10-15 and 16.
	Land, rough and broken slopes of mesa and canyon and level canyon bottom.
	Soil, rocky and shallow clay and sandy loam; sandstone formation.
	Timber, scattering cedar and pinon, on greater part of mile. Few cottonwoods along Montezuma Wash.

Subdivision of T. 37 S., R. 24 E.

Chains

Undergrowth, medium growth of sagebrush and greasewood.
Fair grazing land.

N. 0°02' W., bet. secs. 9 and 10.

Over rough and broken land, through medium dense timber and short undergrowth; asc. along a SE. slope, 100 ft.

16.10 Top of ascent on mesa, bears SE. and SW.; desc. abrupt ledgy N. slope, 425 ft. to

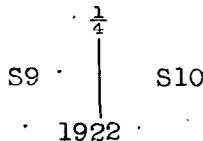
31.90 Base of descent, and enter level canyon bottom with dense undergrowth, bears E. and W.

37.20 Wash, 80 lks. wide, 20 ft. deep, dry, in bottom of Bradford Canyon, course S.70°E.

38.90 Leave canyon bottom, bears NW. and S.80°E.; asc. broken, and rocky SW. slope.

40.00 On a gradual SW. slope, 45 ft. above wash.

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

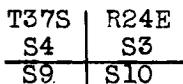
A cedar, 6 ins. diam., bears S.48°E., 4 lks.
dist., marked $\frac{1}{4}$ S10 BT

A cedar, 12 ins. diam., bears N.49 $\frac{1}{2}$ °W., 42 lks.
dist., marked $\frac{1}{4}$ S9 BT

Continue abrupt ascent over ledgy SW. slope, 460 ft. to

80.00 On S. rim of mesa top.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 3-4-9 and 10, with brass cap marked



1922

from which

A cedar, 6 ins. diam., bears N.50°E., 44 lks.
dist., marked T37S R24E S3 BT

A cedar, 14 ins. diam., bears S.30 $\frac{1}{4}$ °E., 74 lks.
dist., marked T37S R24E S10 BT

Subdivision of T: 37 S., R: 24 E.

Chains

A cedar, 8 ins.diam., bears S. 54 1/2° W., 77 lks.
dist., marked T37S R24E S9 BT
A cedar, 12 ins.diam., bears N. 43 1/2° W., 44 lks.
dist., marked T37S R24E S4 BT

Land, rough and broken, with abrupt N. and S. exposures;
drainage E. into Montezuma Canyon.

Soil, rocky in form of rim ledges and boulders, with
shallow clay and sandy loam.

Timber, medium dense cedar and pinon.

Undergrowth, sagebrush. Fair grazing land, on portions
of the mile.

N. 89°53' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
2-3-10 and 11. Thence,

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

Over level bottom land, through dense undergrowth to
5.00 Leave canyon bottom, bears NE. and SE.; enter rough
broken and rocky land, scattering timber; asc. abrupt
ledgy E. slope, 425 ft. to

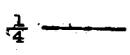
13.50 W. brink of canyon, and E. edge of spur, bears N. 20° E.,
and S. 20° W.; thence across top of spur, projecting S.

22.50 W. edge, bears N. and S.; desc. abrupt, ledgy W. slope.

39.96 On steep W. slope, 340 ft. below spur.

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in
ground to bedrock, and in a large mound of stone, for
1/4 sec. cor., with brass cap marked

S3



S10

1922

from which

A pinon, 10 ins.diam., bears S. 78° E., 81 lks.
dist., marked 1/4 S10 BT

A cedar, 14 ins.diam., bears N. 31 1/2° W., 30 lks.
dist., marked 1/4 S3 BT

Continue descent of 75 ft. to

47.30 Gulch, course SE.; asc. abrupt E. slope, 415 ft. to

Subdivision of T. 37 S., R. 24 E.

Chains

- 71.50 Rim of mesa, bears N. and W.; thence along S. slope, spur takes off to S.
 - 79.92 The cor. of secs. 3-4-9 and 10.
- Land, rough and broken, with abrupt, ledgy E. and W. slopes; drainage E. and S. into Montezuma Canyon. Soil, rocky in form of rim ledges and boulders, with shallow clay and sandy loam; sandstone formation. Timber, scattering cedar and pinon. Undergrowth, sagebrush. Poor grazing land.
-
- N. 9°02' W., on true line, bet. secs. 3 and 4. Over-rolling top of mesa, through dense timber and short undergrowth.
- 9.70 Rim of mesa and S. brink of gulch, bears NW. and SE.: desc. abrupt, ledgy N. slope. 355 ft. to
 - 27.30 Gulch, course SE.; asc. abrupt S. slope.
 - 40.00 On S. slope, 230 ft. above gulch.
- Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$

S4 S3

1922
- from which
- A cedar, 8 ins. diam., bears S. 38° E., 32 lks. dist., marked $\frac{1}{4}$ S3 BT
 - A cedar, 6 ins. diam., bears N. 85 $\frac{1}{4}$ ° W., 9 lks. dist., marked $\frac{1}{4}$ S4 BT
- 46.20 N. rim of gulch and edge of mesa, 130 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.: thence over rolling top, gentle SW. exposure.
 - 64.00 Thence over gentle W. exposure.
 - 79.40 Intersect N. bdy. of tp., 3.04 chs., west, of the cor. of secs. 3-4-33 and 34, which is an iron post, 2 ins. dia., firmly set and extending 12 ins. above ground, marked and witnessed as described by the surveyor general. This cor. now refers to secs. 33 and 34,

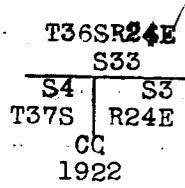
Subdivision of T. 37 S., R. 24 E.

Chains

chains

T. 36 S. R. 24 E., only. I efface the marks on the post and the two bearing trees pertaining to T. 37 S.

At point of intersection, Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for the closing cor. of secs. 3 and 4, with brass cap marked.



from which

- A cedar, 14 ins. diam., bears S. 86 1/4° E., 105 lks. dist., marked T37S R24E S3/CC BT
- A cedar, 12 ins. diam., bears S. 56 1/4° W., 119 lks. dist., marked T37S R24E S4/CC BT

Land, rolling mesa and rough, ledgy slopes of gulch, draining SE.

Soil, on mesa top is shallow sandy and clay loam, on rock and clay subsoil; rocky in form of rim ledges and boulders on the slopes.

Timber, dense cedar and pinon.

Undergrowth, scattering to medium growth of sagebrush.

Fair grazing land.

From the cor. of secs. 4-5-32 and 33 on S. bdy. of tp., which is an iron post, 2 ins. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence,

N. 0°03' W., bet. secs. 32 and 33.

Over rolling mesa land, through dense timber and medium undergrowth; along slight E. exposure to

26.00 Edge of mesa and S. brink of canyon, bears W. and SE.; desc. rocky N. slope, 110 ft. to

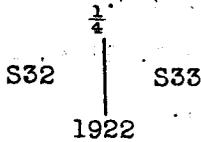
30.80 Wash, 30 lks. wide, 6 ft. deep, in bottom of Gaxe Canyon, course E.; asc. along broken SE. slope, 30 ft. to

40.00 On an E. slope.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A cedar, 12 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ E., 34 lks. dist., marked $\frac{1}{4}$ S33 BT
- A cedar, 16 ins. diam., bears S. 60° W., 10 lks. dist., marked $\frac{1}{4}$ S32 BT

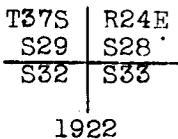
Continue along a low, broken E. slope.

66.40 Bottom of small draw, near head, course S. 5° E.; asc. ledgy S. slope, 125 ft. to

72.60 N. brink of draw, bears NW. and SE.; thence over rolling mesa top, gentle S. exposure.

80.00 On mesa top.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, 5 ft. base, for cor. of secs. 28-29-32 and 33, with brass cap marked



from which

- A pinon, 6 ins. diam., bears N. $48\frac{1}{2}^{\circ}$ E., 106 lks. dist., marked T37S R24E S28 BT
- A pinon, 10 ins. diam., bears S. $36\frac{1}{2}^{\circ}$ E., 92 lks. dist., marked T37S R24E S33 BT
- A cedar, 8 ins. diam., bears S. 35° W., 29 lks. dist., marked T37S R24E S32 BT
- A cedar, 10 ins. diam., bears N. $52\frac{1}{2}^{\circ}$ W., 56 lks. dist., marked T37S R24E S29 BT

Land, rolling and broken mesa, having a general SE. exposure and drainage into Cave Canyon.

Soil, shallow sandy and clay loam, on rocky subsoil, and rocky in form of sandstone rim ledges and bedrock.

Timber, dense cedar and pinon.

Undergrowth, considerable black sagebrush.

Fair grazing.

N. $89^{\circ}56'$ E., on random line, bet. secs. 28 and 33.

Subdivision of T. 57 S., R. 24 E.

enlarged

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 2 lks. S. of cor. of secs.
	27-28-33 and 34.
	Thence,
	S.89°55' W., on true line, bet. secs. 28 and 33.
	Over rolling top of mesa, through medium dense timber
	and scattering undergrowth; slightly asc. along SE. and
	S. exposures, 75 ft. to
24.60	Edge of mesa, bears N.60°W. and S.; desc. over rocky
	and broken W. slope, 90 ft. to
29.40	Base of the mesa rim; bears with top; continue along
	a rocky S. slope:
40.05	On rocky, gradual S. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in
	the ground to bedrock, and in a mound of stone, for $\frac{1}{4}$
	sec. cor., with brass cap marked
	S28
	$\frac{1}{4}$ ———
	S33
	1922
	from which
	A cedar, 12 ins. diam., bears S.42 $\frac{1}{2}$ °W., 71 lks. dist., marked $\frac{1}{4}$ S33 BT
	A cedar, 12 ins. diam., bears N.62 $\frac{1}{2}$ °W., 77 lks. dist., marked $\frac{1}{4}$ S28 BT
55.00	Bottom of wide, shallow draw, 30 ft. below $\frac{1}{4}$ sec. cor.,
	course SE.; asc. rocky E. slope, 165 ft. to
67.20	Rim of mesa, bears NE. and S.30°E.; thence over rolling
	mesa top.
80.10	The cor. of secs. 28-29-32 and 33.
	Land, rolling top, and broken slopes of mesa, having a
	general SE. exposure and drainage into Cave Canyon.
	Soil, shallow loose sandy loam on bedrock, and rocky
	in form of boulders, bedrock and rim ledges.
	Timber, medium dense cedar and pinon.
	Undergrowth, sagebrush. Fair grazing land.

Subdivision of T. 37 S., R. 24 E.

Chains

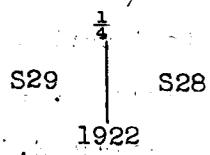
N. 0°03' W., bet. secs. 28 and 29.

Over rolling mesa land, through medium dense timber and short undergrowth; slight ascent over SW. exposure to

11.00 Top of raise, 45 ft. above sec. cor., bears N.80°W. and SE.; thence over E. exposure.

40.00 On gentle SE. slope, 120 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A pinon, 14 ins. diam., bears S.66 1/4° E., 39 lks.

dist., marked 1/4 S28 BT

A cedar, 6 ins. diam., bears N.52° W., 92 lks.

dist., marked 1/4 S29 BT

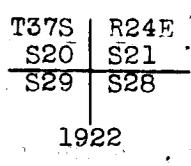
41.70 Top of raise on mesa top, bears NW. and SE.; thence over slight E. slope.

67.40 Head of small draw, course E.

78.30 N. rim of mesa top, bears N.70° W. and S.70° E.; desc. abrupt, rocky N. slope, 55 ft. to

80.00 On steep N. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 16 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 20-21-28 and 29, with brass cap marked



from which

A pinon, 8 ins. diam., bears N.42 1/4° E., 40 lks. dist., marked T37S R24E S21 BT

A pinon, 10 ins. diam., bears S.67 1/2° E., 35 lks. dist., marked T37S R24E S28 BT

A cedar, 8 ins. diam., bears N.48 3/4° W., 128 lks. dist., marked T37S R24E S20 BT

No suitable bearing tree available in sec. 29.

Land, rolling and broken mesa; general SE. and E. exposure and drainage.

Soil, shallow, loose sandy loam, lying on sandstone bedrock, and outcrops of bedrock and boulders.

Timber, medium dense cedar and pinon.

Undergrowth, sagebrush. Fair grazing land.

Subdivision of T. 37 S., R. 24 E., S. 10

Chains	
	N. 89°55' E., on random line, bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect the cor. of secs. 21-22-27 and 28.
	Thence,
	S. 89°55' W., on true line, bet. secs. 21 and 28.
	Over low broken land facing NE., through dense timber and short undergrowth; proceed along N. slope to
6.80	Branch draw, 60 ft. below sec. cor.; course N.10°E. for about 10 chs. to junction with Dead Man Gulch, course E. Gradually asc. along NE. slope.
24.60	Draw, near head, course N.60°E.; gradually asc. SE. slope.
40.06	On slight SE. slope, 90 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground; for $\frac{1}{4}$ sec. cor., with brass cap marked
	S21
	$\frac{1}{4}$ ———
	S28 1922
	from which
	A cedar, 14 ins. diam., bears N.52°E., 21 lks. dist., marked $\frac{1}{4}$ S21 BT
	A cedar, 12 ins. diam., bears S.42°W., 8 lks. dist., marked $\frac{1}{4}$ S28 BT
61.50	Top of low flat spur, projects N.70° E.; thence along a N. slope, gradually ascending.
80.12	The cor. of secs. 20-21-28 and 29, 200 ft. above $\frac{1}{4}$ sec. cor.
	Land, broken land, having a general NE. exposure and drainage into Dead Man Canyon.
	Soil, shallow sandy and clay loam, and rocky.
	Timber, medium dense cedar and pinon.
	Undergrowth, sagebrush. Fair grazing land.
	<hr/>
	N. 0°03' W., bet. secs. 20 and 21.
	Over rough, broken and rocky land, through medium dense timber and short undergrowth; desc. abrupt N. slope.
3.20	Base of the abrupt descent, 75 ft. below cor., bears E. and W.; continue a more gradual descent.

Subdivision of T. 37 S., R. 24 E.

21.40 Bottom of Dead Man Canyon, 195 ft. below sec. cor.,
course S.85°E.; gradually asc. over broken S. slope.

40.60 On gradual S. slope, 120 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. dia., over cross (X)
cut in bedrock, in a large mound of stone, 5 ft. base,
2½ ft. high, for ¼ sec. cor., with brass cap marked

	¼	
S20	|	S21
	1922	

from which

A cedar, 10 ins. diam., bears S55½°E., 75 lks.
dist., marked ¼ S21 BT

A cedar, 12 ins. diam., bears N.42½°W., 72 lks.
dist., marked ¼ S20 BT

Note: The cor. falls on a sandstone outcrop, 20 ft.
in dia., and rising 3 ft. above ground.

48.40 Top of mesa rim, 130 ft. above ¼ sec. cor., bears E. and
W.; thence slight ascent over top to

76.40 Top of raise on mesa, 235 ft. above ¼ sec. cor., bears
S.30°E. and N.30°W.; desc. along E. rim of mesa top.

80.00 Cut cross (X) on solid bedrock, over which,
Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in
a large mound of stone, with 5 ft. base, for the cor.
of secs. 16-17-20 and 21, with brass cap marked

T37S	|	R24E
S17	|	S16
S20	|	S21
	1922	

from which

A cedar limb, 10 ins. diam., bears N.19¼°E., 73 lks.
dist., marked T37S R24E S16 BT

A pinon, 14 ins. diam., bears S.28½°E., 69 lks.
dist., marked T37S R24E S21 BT

A cedar, 14 ins. diam., bears S.18¼°W., 82 lks.
dist., marked T37S R24E S20 BT

A pinon, 12 ins. diam., bears N.52¼°W., 131 lks.
dist., marked T37S R24E S17 BT

Land, rough and broken; general SE. exposure and drain-
age on N. 58.60 chs., and to N. on remainder.

Soil, rocky in form of boulders, rim ledges and sand-
stone outcrops, and shallow clay and sandy loam.

Chains

Timber, medium dense cedar and pinon.
 Undergrowth, short scattering sagebrush. Fair grazing.

N. 89°55' E., on random line, bet. secs. 16 and 21.

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

80.14 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 15-16-21 and 22.

Thence,

S. 89°58' E., on true line, bet. secs. 16 and 21.

Over rough and broken land, through medium dense timber and scattering undergrowth; along low bench to

3.00 Leave bench; bears NE. and S.; asc. steep, rocky E. slope.

15.15 Top of abrupt ascent, bears N. and S.; gently asc. over spur, projecting S.

20.50 Top of ascent on E. edge of the spur, 175 ft. above sec. cor., bears N. and S.; thence along a broken S. slope.

40.07 On a gentle S. slope, 40 ft. below spur, and 30 lks. N. of small wash, draining SE.

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S16

$\frac{1}{4}$

—————
 S21
 1922

from which

A pinon, 10 ins. diam., bears N. 2° E., 78 lks. dist., marked $\frac{1}{4}$ S16 BT

A pinon, 5 ins. diam., bears S. 31 $\frac{1}{2}$ ° E., 22 lks. dist., marked $\frac{1}{4}$ S21 BT

40.25 Bottom of small draw, 20 ft. deep, course S. 80° E., from NE.; asc. broken and rocky E. slope, 300 ft. to

70.55 Top of 50 ft. vertical ledge on edge of mesa, bears N. 10° E. and S. 20° E.

80.14 The cor. of secs. 15-17-20 and 21.

Land, rough and broken, having a general SE. exposure and drainage.

Soil, rocky with shallow clay and sandy loam.

Subdivision of T. 37 S., R. 34 E.

Chains

Timber, medium dense cedar and pinon.
Undergrowth, scattering sagebrush, Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

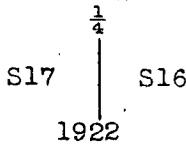
Over broken land, through medium dense timber and scattering undergrowth; proceed along top of E. rim of mesa.

3.70 Top of 50 ft. vertical sandstone ledge on rim of mesa, bears N.40°W. and S.20°E.; desc. over rocky and broken NE. and E. slopes, 240 ft. to

34.00 Base of descent on E. slope and bottom of small draw, course S.65°E.; gradually asc. along broken E. slope.

40.00 On E. slope, 85 ft. above draw.

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for 1/4 sec. cor., with brass cap marked



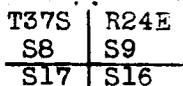
from which

- A pinon, 7 ins. diam., bears S.70 $\frac{1}{2}$ °E., 71 lks. dist., marked $\frac{1}{4}$ S16 BT
- A pinon, 10 ins. diam., bears N.57°W., 54 lks. dist., marked $\frac{1}{4}$ S17 BT

55.20 Top of ascent on E. slope, 15 lks. E. of the base of a 50 ft. vertical ledge on point of mesa, bears NW. and SW., 165 ft. above 1/4 sec. cor.; gradually desc. broken NE. slope, 140 ft. to

80.00 On N. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 8-9-16 and 17, with brass cap marked



from which

- A cedar, 10 ins. diam., bears N.37°E., 191 lks. dist., marked T37S R24E S9 BT
- A pinon, 10 ins. diam., bears S.74 $\frac{1}{4}$ °E., 24 lks. dist., marked T37S R24E S16 BT

Chains

aniedo

A pinon, 10 ins. diam., bears S. 12 $\frac{1}{2}$ ° W., 102 lks.
 dist., marked T37S R24E S17 BT
 A pinon, 10 ins. diam., bears N. 79 $\frac{1}{2}$ ° W., 200 lks.
 dist., marked T37S R24E S8/BT

Land, broken, facing generally E.; drainage SE. and NE.
 Soil, rocky in form of sandstone boulders and ledges,
 with shallow clay and sandy loams.
 Timber, medium dense cedar and pinon.
 Undergrowth, scattering sagebrush.

N. 89°58' E., on random, bet. secs. 9 and 16.

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

80.18 Intersect N. and S. line, 12 lks. S. of the cor. of
 secs. 9-10-15 and 16.

Thence,

S. 89°53' W., on true line, bet. secs. 9 and 16.

Over rolling and broken land, through medium dense timber
 and scattering undergrowth; asc. along a rocky SE. slope.

15.00 Top of E. edge of ridge, 80 ft. above sec. cor.; continue
 slight ascent over top.

35.00 Top of ridge, 140 ft. above sec. cor., bears NE. and SW.
 gradually desc. along N. slope.

40.09 On a slight NW. slope, 10 ft. below top.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in.
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S9

$\frac{1}{4}$

S16
 1922

from which.

A cedar, 8 ins. diam., bears S. 89 $\frac{1}{2}$ ° E., 26 lks.
 dist., marked $\frac{1}{4}$ S16 BT
 A pinon, 6 ins. diam., bears N. 32° W., 49 lks.
 dist., marked $\frac{1}{4}$ S9 BT

Continue gradual descent over rolling NW. slope, 90 ft.

58.80 Draw, course NE.; asc. gradual, rolling NE. slope, 120
 ft. to

80.18 The cor. of secs. 8-9-16 and 17.

Land, rolling and broken, having a general SE. and NE.
 exposure and drainage.

Subdivision of T. 37 S., R. 24 E.

Chains

Soil, shallow, loose, reddish sandy and clay loam, and rocky in form of surface boulders and sandstone outcrops.
 Timber, medium dense cedar and pinon.
 Undergrowth; scattering to medium growth of sagebrush.
 Fair grazing land.

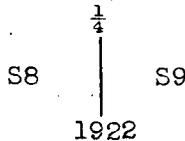
N. 0°03' W., bet. secs. 8 and 9.

Over rough and broken land, through medium dense timber and short undergrowth; desc. broken N. and NW. slopes.

32.40 Begin abrupt descent over ledgy NW. slope, bears NE. and SW.

40.00 On steep N. slope, 270 ft. below sec. cor., near bottom of gulch.

Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A cedar, 16 ins. diam., bears S. 67 $\frac{1}{2}$ ° E., 34 lks. dist., marked $\frac{1}{4}$ S9 BT
- A cedar, 14 ins. diam., bears West, 26 lks. dist., marked $\frac{1}{4}$ S8 BT

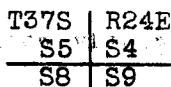
41.30 Gulch, 30 ft. below $\frac{1}{4}$ sec. cor., course N. 60° E.; asc. abrupt, ledgy S. slope, 220 ft. to

49.80 N. brink of gulch, bears E. and W.; thence gradually asc. over mesa, 65 ft. to

68.40 Top of ascent on N. edge of mesa and S. brink of Bradford Canyon, bears N. 70° W. and S. 70° E.; desc. abrupt, ledgy N. and NE. slopes, 180 ft. to

80.00 On abrupt NE. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for cor. of secs. 4-5-8 and 9, with brass cap marked



Chains

from which
 A cedar, 4 ins. diam., bears N. 62 $\frac{1}{2}$ ° E., 55 lks. dist., marked BT only (too scrubby)
 A cedar, 12 ins. diam., bears S. 18 $\frac{1}{2}$ ° E., 58 lks. dist., marked T37S R24E S9 BT
 A cedar, 14 ins. diam., bears S. 49° W., 29 lks. dist., marked T37S R24E S8 BT
 A cedar, 8 ins. diam., bears N. 49° W., 63 lks. dist., marked T37S R24E S5 BT

Land, rough and broken; general NE. exposure and drainage
 Soil, shallow clay and sandy loam, and rocky.
 Timber, cedar and pinon.
 Undergrowth, sagebrush. Fair grazing land.

N. 89° 53' E., on random line, bet. secs. 4 and 9.

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

80.20 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 3-4-9 and 10.

Thence,

S. 89° 50' W., on true line, bet. secs. 4 and 9.

Over gently rolling top of mesa, through dense timber and scattering undergrowth; proceed along top, near S. edge.

40.10 Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S4

$\frac{1}{4}$

S9

1922

from which

A cedar, 10 ins. diam., bears S. 35° W., 27 lks. dist., marked $\frac{1}{4}$ S9 BT

A cedar, 9 ins. diam., bears N. 62° W., 40 lks. dist., marked $\frac{1}{4}$ S4 BT

47.40 Edge of mesa top and brink of canyon, bears NW. and SE.; desc. abrupt, ledgy SW. slope, 390 ft. to

70.50 Wash, 40 lks. wide, 12 ft. deep, in bottom of Bradford Canyon, course S. 60° E.; asc. steep NE. slope, 115 ft.

80.20 The cor. of secs. 4-5-8 and 9.

E. 47.40 chs. is gently rolling top of mesa, following near the S. edge; soil, shallow sandy and clay loam,

Subdivision of T. 37 S., R. 24 E.

Chains

on sandstone bedrock; remainder of mile is steep, rough slopes of Bradford Canyon, draining SE.; soil, rocky in form of boulders and rim ledges, with shallow clay loam.

(Timber, medium dense cedar and pinon, on mile.

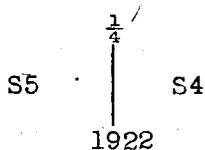
(Undergrowth, scattering sagebrush.

N. 0°03' W., on true line, bet. secs. 4 and 5.

9.50 Over rough and broken land, through scattering timber and short undergrowth; desc. NE. slope, 90 ft. to Wash, 40 lks. wide, 6 ft. deep, small seep, of alkaline water rises 1 1/2 chs. up stream, sinks within 200 ft., in bottom Bradford Canyon, course SE.; small clump of cottonwoods at this point.

32.50 Asc. abrupt, ledgy SW. slope, 385 ft. to N. brink of canyon and edge of mesa, bears W. and SE.; thence over rolling top, slight SW. exposure, through dense timber.

40.00 On mesa top, 50 ft. above the rim. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

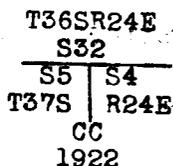
- A pinon, 10 ins. diam., bears S. 25 3/4° E., 35 lks. dist., marked 1/4 S4 BT
- A pinon, 8 ins. diam., bears S. 85° W., 49 lks. dist., marked 1/4 S5 BT

73.90 Leave timber, enter open sagebrush swale, bears N. 70° E. and S. 70° W.; thence across swale, draining S. 70° W.

79.54 Intersect N. bdy. of tp., 3.08 chs., west, of the cor. of secs. 4-5-32 and 33, which is an iron post, 2 ins. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. This cor. now refers to secs. 32 and 33, T. 36 S., R. 24 E., only. I efface the marks on post and

Chains

the two bearing trees pertaining to T. 37 S.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in
 the ground, for closing cor. of secs. 4 and 5, with
 brass cap marked



from which

- A cedar, 20 ins. diam., bears S. 3° E., 755 lks.
 dist. marked T37S R24E S4 CC BT
- A cedar, 8 ins. diam., bears S. 2½° W., 769 lks.
 dist. marked T37S R24E S5 CC BT

S. 32½ chs. is rough, ledgy slopes of Bradford Canyon,
 draining SE.: soil, rocky in form of rim ledges and
 boulders with shallow clay loam; covered with scatter-
 ing cedar and pinon: remainder of mile is rolling top
 of mesa, slight exposure SW.: soil, shallow sandy and
 clay loam, on bedrock and clay subsoil; dense cedar
 and pinon, on greater portion; gray sandstone formation.
 Undergrowth, medium growth of sagebrush.

Fair grazing land.

From the cor. of secs. 5-6-31 and 32, on the S. bdy. of
 tp., which is an iron post, 2 ins. dia., extending
 12 ins. above ground, firmly set, properly marked
 and witnessed as described by the surveyor general.

Thence,

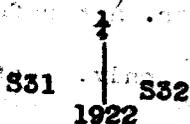
N. 0° 03' W., bet. secs. 31 and 32.

Over gently rolling mesa top, slight S. exposure,
 through scattering timber and dense sagebrush.

40.00

On top of raise, 70 ft. above sec. cor., bears NW. and
 SE.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
 the ground, for ¼ sec. cor., with brass cap marked



Subdivision of T. 37 S., R. 24 E.

Chains

Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. No suitable bearing trees available, too scrubby. Note: Center of old Prehistoric Mesa Ruin or Mound, about 50 ft. in dia., bears S.75°E. 1 ch. dist. of cor.

46.60 Road, from Monticello and Blanding to Montezuma Canyon, bears NW. and SE.; thence over slight E. exposure, through heavier timber.

66.00 Small wash, near head, 6 lks. wide, 2 ft. deep, course E.

80.00 On slight E. exposure, 15 ft. below 1/4 sec. cor. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 29-30-31 and 32, with brass cap marked

T37S	R24E
S30	S29
S31	S32

1922

from which

- A cedar, 10 ins. diam., bears N.50 1/4°E., 209 lks. dist., marked T37S R24E S29 BT
- A cedar, 8 ins. diam., bears S.37°E., 285 lks. dist., marked T37S R24E S32 BT
- A cedar, 14 ins. diam., bears S.18°W., 6 lks. dist., marked T37S R24E S31 BT
- A cedar, 14 ins. diam., bears N.8 1/4°W., 319 lks. dist., marked T37S R24E S30 BT

Land, gently rolling mesa top, having a general SE. exposure and drainage.

Soil, shallow, loose sandy loam, on sandstone bedrock and clay subsoil.

Timber, scattering to dense cedar and few pinon; considerable of the timber is dead or dying.

Undergrowth, dense black sagebrush, 2 to 3 ft. high.

Fair grazing land.

N. 89°56' E., on random line, bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28-29-32 and 33.

Thence,

Subdivision of T. 37° S., R. 24° E.

Chains

S. 89°55' W., on true line, bet. secs. 29 and 32. contd.
 Over rolling and broken mesa top, S. exposure, through
 medium dense timber and short undergrowth.
 4.10 Draw, near head, 25 ft. deep, course S.15°E.; a very
 small seep in same, bears N. of line 15 lks. dist.
 15.40 Top of raise, 30 ft. above sec. cor., bears E. and S.;
 gradually desc.
 23.00 Bottom of rocky gulch, 125 ft. deep, 4 chs. wide,
 course S.; gradually asc.
 40.01 Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the
 ground to bedrock, and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked

S29

$\frac{1}{4}$ ———

S32
1922

from which

- A pinon, 6 ins. diam., bears S. 29 $\frac{3}{4}$ ° W., 70 lks.
dist., marked $\frac{1}{4}$ S32/BT
- A pinon, 8 ins. diam., bears N. 59 $\frac{3}{4}$ ° W., 162 lks.
dist., marked $\frac{1}{4}$ S29/BT

Cor. stands on a gradual SE. slope.

42.00 Top of raise, bears N. and S.; gradually desc.
 51.00 Gulch, 100 ft. deep, course S.; asc.
 69.40 Top of raise, 190 ft. above gulch, bears N. and S.;
 gradually desc. 25 ft. to
 77.60 Wash, 15 lks. wide, 3 ft. deep, course SE.; asc. 20 ft.
 80.02 The cor. of secs. 29-30-31 and 32.

Land, broken and rolling mesa top, exposure S. and SE.,
cut by several deep, rocky gulches, butting S. into
Cave Canyon, which drains SE.

Soil, shallow, loose sandy loam, and rocky in form of
sandstone outcrops of bedrock and rim ledges.

Timber, medium dense cedar and pinon.

Undergrowth, medium dense sagebrush: Fair grazing.

S. 89°56' W., on random line, bet. secs. 30 and 31.

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

Subdivision of T. 37 S., R. 24 E.

Chains	
75.42	Intersect W. bdy. of tp., 19 lks. N. of the cor. of secs.
	25-30-31 and 36, which is an iron post, 3 ins. dia.,
	extending 4 ins. above ground, firmly set, properly
	marked and witnessed as described by the surveyor gen-
	eral.
	Thence,
	N. 89°51' E., on true line, bet. secs. 30 and 31.
	Over broken and rolling mesa land, through medium dense
	timber and short undergrowth; gently desc. E. slope.
4.40	Base of hollow, 5 ft. below cor., drains S.; asc. W.
	slope, 135 ft. to
17.30	Spur, projects S.30°W.; gradually desc. along broken
	SE. and S. slopes, 75 ft. to
35.42	On a slight SW. slope.
	Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the
	ground to bedrock, and in a large mound of stone, for
	$\frac{1}{4}$ sec. cor., with brass cap marked
	S30'
	$\frac{1}{4}$ ———
	S31 1922
	from which
	A cedar, 16 ins. diam., bears N.8°W., 65 lks.
	dist., marked $\frac{1}{4}$ S30 BT
	A cedar, 8 ins. diam., bears S.77°W., 21 lks.
	dist., marked $\frac{1}{4}$ S31 BT
41.20	Shallow draw, course SW.; gradually asc. SW. slope.
48.00	Top of ascent from draw, 70 ft. above $\frac{1}{4}$ sec. cor.,
	bears N. and S.; thence over gently rolling top of mesa.
60.90	Road, Monticello and Blanding to Montezuma Canyon,
	bears N.15°W. and S.15°E.; begin slight descent over
	E. exposure, 45 ft. to
75.42	The cor. of secs. 29-30-31 and 32.
	Land, broken and rolling mesa; exposure and drainage
	SW. towards Alkali Canyon on W. portion, and to SE.
	into Cave Canyon on E. portion.
	Soil, rocky and shallow, loose sandy and clay loam;
	sandstone formation.

Subdivision of T. 37 S., R. 24 E.

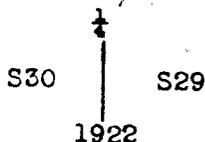
Chains

Timber, medium dense cedar and pinon, considerable short timber on eastern portion.
 Undergrowth, medium growth of sagebrush.
 Fair grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Over gently rolling mesa top, through medium dense timber and short undergrowth.

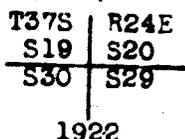
- 3.00 Wash, 15 lks. wide, 2 ft. deep, in swale, drains SE.; gently asc. over SW. exposure, 55 ft. to
 28.00 Top of raise, bears NW. and SE.; thence over E. exposure.
 40.00 On E. exposure, 10 ft. below raise.
 Set an iron post, 3 ft. long, 1 in. dia., 5 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A cedar, 10 ins. diam., bears S. 26° E., 58 lks. dist., marked $\frac{1}{4}$ S29 BT
 A cedar, 8 ins. diam., bears S. 79° W., 79 lks. dist., marked $\frac{1}{4}$ S30 BT

- 45.20 Wash, 10 lks. wide, 3 ft. deep, course E.
 74.00 Wash, 15 lks. wide, 10 ft. deep, course S. 25° E.
 80.00 On slight S. exposure.
 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 19-20-29 and 30, with brass cap marked



from which

- A cedar, 8 ins. diam., bears N. 17 $\frac{1}{2}$ ° E., 139 lks. dist., marked T37S R24E S20 BT
 A cedar, 6 ins. diam., bears S. 55° E., 177 lks. dist., marked T37S R24E S29 BT
 A cedar, 8 ins. diam., bears S. 20 $\frac{1}{2}$ ° W., 135 lks. dist., marked T37S R24E S30 BT
 A cedar, 10 ins. diam., bears N. 15 $\frac{1}{2}$ ° W., 46 lks. dist., marked T37S R24E S19 BT

Land, gently rolling mesa top, having a general southern exposure and drainage.

Soil, shallow, loose sandy loam, on sandstone bedrock, and scattered outcrops of bedrock.

Timber, medium dense cedar and pinon.

Undergrowth, medium growth of sagebrush, 2 to 3 ft. high.
Fair grazing land.

N. 89°55' E., on random line, bet. secs. 20 and 29.

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

79.98 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 20-21-28 and 29.

Thence,

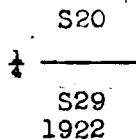
S. 89°51' W., on true line, bet. secs. 20 and 29.

Over broken land, through dense timber and short undergrowth; asc. along steep, rocky N. slope of mesa rim.

11.50 Top of mesa rim, 75 ft. above sec. cor., bears N.70°W. and S.80°E.; thence over rolling top, slight NE. exposure.

28.00 Top of raise on mesa, 50 ft. above rim, bears NW. and SE.; thence over S. and SW. exposures; desc. 25 ft. to

39.99 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A cedar, 12 ins. diam., bears S.55°W., 50 lks. dist., marked $\frac{1}{4}$ S29 BT

A cedar, 10 ins. diam., bears N.14°W., 30 lks. dist., marked $\frac{1}{4}$ S20 BT

Gradually desc. 40 ft. to

79.98 The cor. of secs. 19-20-29 and 30.

Land, rolling and broken mesa.

Soil, shallow, loose sandy and clay loam and outcrops of sandstone bedrock.

Timber, dense cedar and pinon.

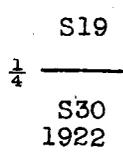
Undergrowth, medium dense sagebrush.

Chains

S. 89°51' W., on random line, bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 75.32 Intersect W. bdy. of tp., 18 lks. N. of the cor. of secs. 19-24-25 and 30, which is an iron post, 3 ins. dia., extending 16 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence,
 N. 89°43' E., on true line, bet. secs. 19 and 30.
 Over rolling mesa top, through dense timber and short undergrowth.

9.00 Top of gentle raise, bears N. and S.
 35.32 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which
 A cedar, 16 ins. diam., bears S. 78 $\frac{1}{2}$ ° E., 343 lks. dist., marked $\frac{1}{4}$ S30 BT
 A cedar, 12 ins. diam., bears N. 75 $\frac{1}{2}$ ° E., 284 lks. dist., marked $\frac{1}{4}$ S19 BT

35.50 Road, Monticello and Blanding to Montezuma Canyon, bears N. and S.

58.80 Top of raise; bears N. and S.; thence over gentle E. slope, desc. 75 ft. to

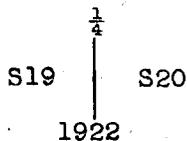
73.90 Wash, 15 lks. wide, 12 ft. deep, course SE.

75.32 The cor. of secs. 19-20-29 and 30.
 Land, rolling mesa top, having a general S. and SE. exposure and drainage.
 Soil, shallow, loose sandy and clay loam, and scattered rock, on rock and clay subsoil.
 Timber, dense cedar and pinon; considerable dead timber.
 Undergrowth, medium growth of sagebrush.
 Fair grazing land.

N. 0°03' W., bet. secs. 19 and 20.
 Over rolling mesa top, through dense timber and short

Chains

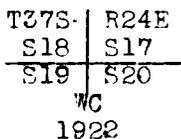
- undergrowth; gentle asc. over southern exposure, 80 ft.
- 34.30 Top of raise, bears N.60°W. and S.60°E.; thence over E. exposure.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap-marked



from which

- A cedar, 5 ins.diam., bears N.44 $\frac{1}{4}$ °E., 15 lks. dist., marked $\frac{1}{4}$ S20 BT
- A cedar, 6 ins.diam., bears S.50°W., 69 lks. dist., marked $\frac{1}{4}$ S19 BT

- 77.80 S. rim of draw, bears NW. and SE.; desc. rocky NE. slope, 20 ft. to
- 80.00 True point for sec. cor. falls rough NE. face of sandstone boulder, 6x12x6 ft., where it is impossible to set post, cut cross (X) for exact cor. point, and at
- 80.10 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for witness cor. to the cor. of secs. 17-18-19 and 20, with brass cap marked



from which

- A pinon, 12 ins.diam., bears S.40°E., 197 lks. dist., marked WC T37S R24E S20 BT
- A cedar, 8 ins.diam., bears S.60 $\frac{1}{2}$ °W., 49 lks. dist., marked WC T37S R24E S19 BT
- A cedar, 16 ins.diam., bears N.27 $\frac{1}{4}$ °W., 68 lks. dist., marked WC T37S R24E S18 BT

and mark SW. face of sandstone boulder, 6x20x8 ft., with cross and BO WC S17, thus $\frac{B}{O}$ | WC | S17 , bears N.28 $\frac{1}{4}$ °E., 23 lks. dist.

Land, rolling mesa top, having a general southern and eastern exposure.

Soil, shallow, loose sandy and clay loam, and scattered outcrops of sandstone bedrock .

Timber, dense cedar and pinon.

Undergrowth, medium growth of sagebrush.

Subdivision of T. 37 S., R. 24 E.

Chains	
	From true point for sec. cor.
	N. 89°51' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 2 lks. S. of the cor. of sect. 16-17-20 and 21.
	Thence,
	S. 89°50' W., on true line, bet. secs. 17 and 20.
	Over rolling mesa top, through medium dense timber and short undergrowth; from cor. on E. edge over general southern exposure.
39.96	On an E. slope, 15 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S17
	$\frac{1}{4}$ —————
	S20 1922
	from which
	A cedar, 10 ins. diam., bears S. 9° W., 13 lks. dist., marked $\frac{1}{4}$ S20/BT
	A cedar, 14 ins. diam., bears N. 69 $\frac{1}{2}$ ° W., 42 lks. dist., marked $\frac{1}{4}$ S17/BT
43.10	Top of raise, 30 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; gradually desc. towards rim of gulch, 75 ft. to
54.25	E. brink of gulch, bears N. and S.; desc. abrupt, ledgy W. slope, 80 ft. to
58.20	Bottom of gulch, course S.; a small alkaline seep, bears up the gulch about 18 chs. dist.
	Asc. abrupt, ledgy E. slope, 100 ft. to
66.10	Point of mesa from N., extends S. 1 ch. to end.; desc. rocky SW. slope, 100 ft. to
73.50	Gulch, course S. 60° E.; asc. NE. slope, 90 ft. to
79.92	The cor. of secs. 17-18-19 and 20, at true cor. point.
	Land, rolling and broken mesa top; exposure and drainage S. to SE.
	Soil, rocky in form of sandstone outcrops and shallow sandy and clay loam.

Subdivision of T. 37 S., R. 24 E.

Chains

Timber, medium dense cedar and pinon.
Undergrowth, medium growth of sagebrush.
Fair grazing land.

From true cor. point.

S. 89°43' W., on random line, bet. secs. 18 and 19.

40.00 Set temp. 1/4 sec. cor.

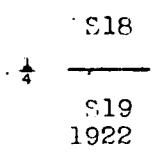
75.20 Intersect W. bdy. of the tp., 5 lks. S. of the cor. of
secs. 13-18-19 and 24, which is an iron post, 3 ins.
dia., extending 16 ins. above ground, firmly set,
properly marked and witnessed as described by the
surveyor general.

Thence,

N. 89°45' E., on true line, bet. secs. 18 and 19.

Over rolling mesa top, through medium dense timber and
short undergrowth.

35.20 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
the ground, for 1/4 sec. cor., with brass cap marked



from which

A cedar, 14 ins. diam., bears N. 65° E., 21 lks.
dist., marked 1/4 S18 RT

A cedar, 12 ins. diam., bears S. 26 1/2° W., 39 lks.
dist., marked 1/4 S19 RT

Cor. stands at W. edge of road.

35.27 Road, Monticello and Blanding, Utah to Montezuma
Canyon, bears NW. and SE.

38.20 Top of raise, 10 ft. above 1/4 sec. cor., bears NW. and
SE.; thence over eastern exposure, desc. 150 ft. to
sec. cor.

68.00 Rim of gulch, bears NW. and S. 70° E.; desc. steeper
NE. slope.

75.20 The true point for cor. of secs. 17-18-19 and 20,
which is 10 lks. S. of the witness cor.

Land, rolling mesa top, having a S. and SE. exposure
and drainage.

Chains

Soil, loose sandy and scattered outcrops of sandstone, some clay on eastern end of mile.
 Timber, dense cedar and pinon, considerable dead timber.
 Undergrowth, medium growth of sagebrush.
 Fair grazing land.

From true cor. point.

N. 0°03' W., bet. secs. 17 and 18.

Over rolling and low broken mesa top, through medium dense timber and short undergrowth; desc. NE. slope.

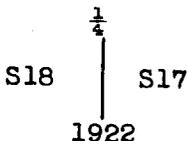
0.10 The witness cor.

4.30 Gulch, near head, 60 ft. below sec. cor., course SE.; old Mesa Ruins about the head of gulch, NW. 5 chs. dist. Ascend rocky S. slope, 125 ft. to

13.00 N. rim of gulch, bears N.80°W. and S.80°E.; thence over rolling E. exposure.

36.00 Shallow draw, 30 ft. below rim, course S.30°E.; thence gradually asc. S. and SW. exposure.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



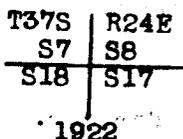
from which

A pinon, 6 ins.diam., bears N.35 $\frac{1}{2}$ °E., 82 lks. dist., marked $\frac{1}{4}$ S17/BT

A pinon, 16 ins.diam., bears N.15 $\frac{1}{2}$ °W., 116 lks. dist., marked $\frac{1}{4}$ S18/BT

80.00 On slight SW. exposure, 135 ft. above $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in the ground to bedrock, and in a mound of stone, for cor. of secs. 7-8-17 and 18, with brass cap marked



from which

A cedar, 10 ins.diam., bears N.14°E., 33 lks. dist., marked T37S R24E S8/BT

Chains

- A cedar, 14 ins.diam., bears S. $69\frac{1}{2}^{\circ}$ E., 97 lks.
dist., marked T37S R24E S17 BT
- A ~~pinon~~, 12 ins.diam., bears S. $24\frac{3}{4}^{\circ}$ W., 106 lks.
dist., marked T37S R24E S18 BT
- A cedar, 8 ins.diam., bears N. $34\frac{3}{4}^{\circ}$ W., 80 lks.
dist., marked T37S R24E S7 BT

Land, rolling and broken mesa top; general southern exposure and drainage.

Soil, shallow, sandy and clay loam, and scattered sandstone outcrops.

Timber, medium dense cedar and pinon.

Fair grazing land.

N. $89^{\circ}50'$ E., on random line, bet. secs. 8 and 17.

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

79.86 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8-9-16 and 17.

Thence,

S. $89^{\circ}52'$ W., on true line, bet. secs. 8 and 17.

Over rough, broken and rocky land facing N. and NE., through medium dense timber and short undergrowth.

39.93 On a gradual NE. slope, 30 ft. above sec. cor., Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

SB

$\frac{1}{4}$ ———

S17
1922

from which

- A cedar, 6 ins.diam., bears S. $22\frac{1}{2}^{\circ}$ E., 27 lks.
dist., marked $\frac{1}{4}$ S17 BT
- A cedar, 6 ins.diam., bears N. 48° W., 42 lks.
dist., marked $\frac{1}{4}$ S8 BT

44.00 Begin abrupt ascent, NE. slope mesa break.

52.00 Top of 50 ft. vertical sandstone rim ledge, on edge of mesa top, 200 ft. above $\frac{1}{4}$ sec. cor., bears NW. and S. 70° E.; thence over rolling top, slight NE. slope.

75.00 Top of raise on mesa, 50 ft. above the rim, bears N. 20° W. and SE.; thence over SW. exposure.

Subdivision of T. 37 S., R. 24 E.

Chains

79.86 The cor. of secs. 7-8-17 and 18.
E. 52 chs. is rough and broken N. and NE. slopes, lying under the high mesa rim to S. of line; soil, rocky in form of boulders and outcrops, with shallow clay and sandy loam: remainder of mile is rolling mesa top, with NE. and SW. exposures; soil, loose sandy loam, on sandstone bedrock.

Timber, medium dense cedar and pinon, on mile.

Undergrowth, sagebrush. Fair grazing land.

S. 89°45' W., on random line, bet. secs. 7 and 18.

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

75.08 Intersect W. bdy. of tp., 5 lks. N. of the cor. of secs. 7-12-13 and 18, which is an iron post, 3 ins. dia., extending 16 ins. above ground, firmly set, properly marked and witnessed as described by the surveyor general.

Thence,

N. 89°43' E., on true line, bet. secs. 7 and 18.

Over gently rolling mesa top, through dense timber and short undergrowth.

35.08 On mesa top, 55 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S7

† ———

S18

1922

from which

A cedar, 10 ins. diam., bears S. 53 $\frac{1}{2}$ ° W., 50 lks. dist., marked $\frac{1}{4}$ S18 BT

A cedar, 10 ins. diam., bears N. 48 $\frac{1}{2}$ ° W., 57 lks. dist., marked $\frac{1}{4}$ S7 BT

40.30 Road, Monticello and Blanding to Montezuma Canyon, bears N. and S.

75.08 The cor. of secs. 7-8-17 and 18, 40 ft. below $\frac{1}{4}$ sec. cor.
Land, rolling mesa top, general southern exposure and drainage.

Chains

Soil, shallow, loose sandy loam, on sandstone bedrock and clay subsoil.
 Timber, dense cedar and pinon.
 Undergrowth, sagebrush. Fair grazing land.

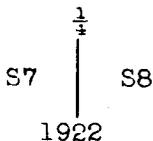
N. 0°03' W., bet. secs. 7 and 8.

Over rolling mesa top, through dense timber and short undergrowth; gently asc. S. exposure to

16.00 Top of raise on mesa, 55 ft. above sec. cor., bears NW. and SE.; gradually desc. N. and NW. slopes.

34.40 Small draw, near head, 85 ft. below raise, course NW.; asc. along rocky W. slope.

40.00 On W. slope, near edge of mesa top, 50 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

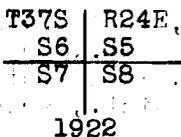
- A pinon, 6 ins. diam., bears S. 56° E., 61 lks. dist., marked $\frac{1}{4}$ S8 BT
- A pinon, 8 ins. diam., bears S. 33° W., 97 lks. dist., marked $\frac{1}{4}$ S7 BT

42.20 Top of ascent on W. slope, 10 ft. above $\frac{1}{4}$ sec. cor.

44.00 N. brink of mesa top, bears generally SE. and W.; desc. over rough, broken and rocky N. slope, 400 ft. to

75.00 Draw, course N. 70° E.; asc. rough SE. slope, 75 ft. to

80.00 On an E. slope.
 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, with 5 ft. base, for cor. of secs. 5-6-7 and 8; with brass cap marked



from which

Subdivision of T: 37 S., R: 24 E.

Chains

chains

- A pinon, 6 ins.diam., bears N74 $\frac{1}{2}$ °E., 65 lks.
dist., marked T37S R24E S5' BT
- A pinon, 10 ins.diam., bears S. 46 $\frac{1}{2}$ °E., 35 lks.
dist., marked T37S R24E S8' BT
- A cedar, 12 ins.diam., bears S. 23 $\frac{1}{2}$ °W., 27 lks.
dist., marked T37S R24E S7' BT
- A cedar, 8 ins.diam., bears N. 37°W., 33 lks.
dist., marked T37S R24E S6' BT

Land, rolling mesa top on S. portion, and rough and broken N. to NE. slope on remainder.

Soil, shallow sandy loam on mesa top, rocky with stiff dark clay on rough portions.

Timber, dense cedar and pinon.

Undergrowth, medium growth of sagebrush and greasewood.

Fair grazing land.

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

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

79.90 Intersect N. and S. line, 2 lks. N. of the cor. secs. 4-5-8 and 9,

Thence,

S. 89°53' W., on true line, bet. secs. 5 and 8.

Over broken and rolling land, through medium dense timber and short undergrowth; asc. abrupt, ledgy NE. slope, 150 ft. to

8.80 Brink of canyon and edge of mesa top, bears NW. and SE., thence over rolling top.

39.95 On mesa top, 10 ft. below edge.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S5

$\frac{1}{4}$ sec.

S8

1922

from which

A cedar, 10 ins.diam., bears S. 47 $\frac{1}{2}$ °W., 19 $\frac{1}{2}$ lks.
dist., marked $\frac{1}{4}$ S8 BT

A cedar, 14 ins.diam., bears N. 0 $\frac{1}{2}$ °E., 54 lks.
dist., marked $\frac{1}{4}$ S5' BT

50.40 Edge of mesa top, bears N. 70°E. and S.; thence gradually

Subdivision of T. 37 S., R. 24 E.

Chains

72.60 desc. over broken N. slope, 60 ft. to
 Draw, course N.60°E.; asc. broken SE. slope, 65 ft. to
 79.90 The cor. of secs. 5-6-7 and 8.
 Land, broken and rolling; general NE. exposure and
 drainage into Bradford Canyon.
 Soil, shallow, loose sandy loam, on rocky subsoil, on
 the mesa top; rocky in form of boulders, sandstone
 outcrops and ledges with clay loam, on the rough slopes.
 Timber, medium dense cedar and pinon, on mile.
 Undergrowth, medium growth of sagebrush.
 Fair grazing land.

40.00 S. 89°43' W., on random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 74.96 Intersect W. bdy. of tp., 5 lks. S. of the cor. of secs.
 1-6-7 and 12, which is an iron post, 3 ins. dia.,
 extending 12 ins. above ground, firmly set, properly
 marked and witnessed as described by the surveyor
 general.

Thence,
 N. 89°45' E., on true line, bet. secs. 6 and 7.
 Over rolling mesa top, through dense timber and short
 undergrowth.

2.85 Road, Monticello and Blanding to Montezuma Canyon,
 bears N.10°W. and S.10°E.

27.50 Old Mesa Ruins, bears N. of line 10 chs. dist. at head
 of gulch.

34.96 On mesa top, near edge, 100 ft. below sec. cor.
 Set an iron post, 3 ft. long, 1 in. dia., 3 ins. in the
 ground to bedrock, and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S6}{S7}$
 1922

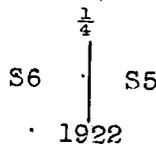
from which

Subdivision of T. 37 S., R. 24 E.

Chains

A pinon, 6 ins.diam., bears S.15°E., 21 lks. dist.
 marked $\frac{1}{4}$ S7 BT
 A pinon, 6 ins.diam., bears N.8 $\frac{3}{4}$ °W., 26 lks. dist.
 marked $\frac{1}{4}$ S6 BT
 35.75 Brink of mesa top; bears NW. and SE.; desc. over rough
 and broken NE. and E. slopes, 230 ft. to
 51.20 Bottom of draw, course S.70°E.; thence along broken S.
 slope.
 74.96 The cor. of secs. 5-6-7 and 8, 35 ft. below draw.
 Land, rolling mesa top on S. 35 $\frac{3}{4}$ chs., and rough and
 broken on the remainder.
 Soil, shallow sandy loam, on sandstone bedrock, on
 mesa; rocky in form of large boulders and dark clay
 on rough slopes; sandstone formation.
 Timber, dense cedar and pinon.
 Undergrowth, medium growth of sagebrush.
 Fair grazing land.

N. 0°03' W., on true line, bet. secs. 5 and 6.
 Over rough and broken land, through medium dense timber
 and short undergrowth; gradually asc. over SE. and
 E. slope, 140 ft. to $\frac{1}{4}$ sec. cor.,
 40.00 Set an iron post, 3 ft. long, 1 in. dia., 3 ins. in the
 ground to bedrock, and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 10 ins.diam., bears N.78 $\frac{1}{2}$ °E., 102 lks.
 dist., marked $\frac{1}{4}$ S5 BT
 A cedar, 12 ins.diam., bears N.71°W., 9 lks.
 dist., marked $\frac{1}{4}$ S6 BT
 53.00 Top of ascent on E. slope, bears W. about 12 chs. dist.
 to point of high mesa, and projects E.; desc. over a
 gradual, rough N. and NE. slope, 90 ft. to
 79.68 Intersect N. bdy. of tp., 2.95 chs., west, of the cor.
 of secs. 5-6-31 and 32, which is an iron post, 2 ins.

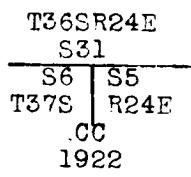
Establishment of 1/4 sec. cors. on N. bdy.
of T.37 S., R.24 E.

Chains

dia., extending 6 ins. above a mound of stone, firmly set in ground and mound of stone, marked and witnessed as described by the surveyor general. This cor. now refers to secs. 31 and 32, T.36 S., R.24 E., only. I efface the marks on post and the two bearing trees pertaining to T. 37 S.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and in a large mound of stone, for the closing cor. of secs. 5 and 6, with brass cap marked



from which

- A cedar, 12 ins.diam., bears S.25°W., 11 lks. dist., marked T37S R24E S6 CC BT
- A pinon, 12 ins.diam., bears S.46°E., 149 lks. dist., marked T37S R24E S5 CC BT

Cor. stands on a gradual SE. slope.

Land, rough and broken; exposure and drainage SE. on the S. 53 chs., and to NE. on remainder of mile.

Soil, rocky and dark, stiff clay; surface strewn with sandstone and conglomerate boulders.

Timber, medium dense cedar and pinon.

Undergrowth, scattering to medium growth of black sage-brush, 1 to 2 ft. high. Fair grazing land.

ESTABLISHMENT OF 1/4 SEC. CORS. ON N. BDY. OF T.37 S.,
R. 24 E.

From the cor. of Ts. 36 and 37 S., Rs. 23 and 24 E., which is an iron post, 3 ins. dia., 12 ins. above ground, marked and witnessed as described by the surveyor general. Thence,

East, along tp. boundary, setting 1/4 sec. cors. for T. 37 S., R. 24 E.; along N. bdy. sec. 6.

-84-

Establishment of $\frac{1}{4}$ sec. cor. on N. bdy.
of T. 37 S., R. 24 E.

Chains

34.83 Vesting of 40.00 chs. from the closing cor. of secs.
5 and 6.

Set an iron post, 3 ft. long, 1 in. dia., on solid rock,
26 ins. in a large mound of stone, for the $\frac{1}{4}$ sec. cor.
of sec. 6, T.37 S., R.24 E., with brass cap marked

$\frac{1}{4}$ S6

1922

from which

A cedar, 14 ins.diam., bears S.49 $\frac{1}{2}$ °E., 38 lks.
dist., marked $\frac{1}{4}$ S6 BT

A pinon, 6 ins.diam., bears S.80°W., 31 lks.
dist., marked $\frac{1}{4}$ S6 BT

Cor. stands on a steep NE. slope, on outcropping of
conglomerate rock, too rough for the marking of a cross.

37.78 The $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is an iron
post, 1 in. dia., 10 ins. above ground, firmly set,
marked and witnessed as described by the surveyor
general. I efface the marks on the post and bearing
tree pertaining to sec. 6, leaving same for the $\frac{1}{4}$ sec.
cor. of sec. 31, T.36 S., R. 24 E. only. I raise a
small mound of stone, N. of cor.

74.83 The closing cor. of secs. 5 and 6, T.37 S., R.24 E.

East, along N. bdy. of sec. 5.

2.95 The cor. of secs. 31 and 32, T.36 S., R.24 E.

39.93 $\frac{1}{2}$ Point midway bet. the closing cors. of secs. 4 and 5,
and secs. 5 and 6.

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the
ground to bedrock, and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor. of sec. 5, T.37 S., R.24 E., with brass cap
marked

$\frac{1}{4}$ S5

1922

from which

A cedar, 6 ins.diam., bears S.37 $\frac{1}{2}$ °E., 50 lks.
dist., marked $\frac{1}{4}$ S5 BT

A cedar, 6 ins.diam., bears S.49 $\frac{1}{2}$ °W., 15 lks.
dist., marked $\frac{1}{4}$ S5 BT

Establishment of $\frac{1}{4}$ sec. cors. on N. bdy.
of T.37 S., R.24 E.

Chains

Cor. stands on steep, rocky S. slope, about 1 ch. N. of
draw, course $B.60^{\circ}W$

42.95 The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is an iron post,
1 in. dia., extending 6 ins. above crevice of two
large boulders, firmly set, marked and witnessed as
described by the surveyor general. I efface the marks
on the post and S. bearing tree pertaining to sec. 5,
leaving same for the $\frac{1}{4}$ sec. cor. of sec. 32, T.36 S.,
R. 24 E. only.

79.87 The closing cor. of secs. 4 and 5, T.37 S.,R.24 E.

East, along N. bdy. sec. 4.

3.08 The cor. of secs. 32 and 33.

40.02 Point midway bet. the closing cors. of secs. 3 and 4,
and 4 and 5.

Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in
the ground to underlying rock, and in a mound of stone,
for $\frac{1}{4}$ sec. cor. of sec. 4, T.37 S.,R.24 E., with brass
cap marked

$\frac{1}{4}$ S4

1922

from which

A cedar, 12 ins.diam., bears South, 5 lks.
dist., marked $\frac{1}{4}$ S4 BT

A pinon, 12 ins.diam., bears $S.56^{\circ}E.$, 36 lks.
dist., marked $\frac{1}{4}$ S4 BT

43.08 The $\frac{1}{4}$ sec. cor. of secs. 4 and 33, which is an iron
post, 1 in. dia., 10 ins. above ground, marked and wit-
nessed as described by the surveyor general. I efface
the marks on post and bearing tree pertaining to sec.
4, leaving same for $\frac{1}{4}$ sec. cor. of sec. 33, T.36 S.,
R. 24 E. only.

80.04 The closing cor. of secs. 3 and 4, T.37 S.,R.24 E.

East, along N. bdy. of sec. 3.

-86-

Establishment of $\frac{1}{4}$ sec. cors. on N. bdy.
of T.37 S., R.24 E.

Chains

3.04 The cor. of secs. 33 and 34, T.36 S., R.24 E.
39.90 Point midway bet. the closing cors. of secs. 2 and 3,
and secs. 3 and 4.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 3, T.37S R24E., with
brass cap marked

$\frac{1}{4}$ S3

1922

from which

- A cedar, 12 ins.diam., bears S.40 $\frac{1}{2}$ °E., 16 lks.
dist., marked $\frac{1}{4}$ S3 BT
- A cedar, 6 ins.diam., bears S.75 $\frac{1}{2}$ °W., 19 lks.
dist., marked $\frac{1}{4}$ S3 BT

43.04 The $\frac{1}{4}$ sec. cor. of secs. 3 and 34, which is an iron post,
1 in. dia., 12 ins. above ground, marked and witnessed
as described by the surveyor general. I efface the
marks on the post and bearing tree pertaining to sec.
3, leaving same for $\frac{1}{4}$ sec. cor. of secs. 34, T.36 S.,
R. 24 E. only.

79.80 The closing cor. of secs. 2 and 3, T.37 S., R.24 E.

East, along N. bdy. of sec. 2.

3.24 The cor. of secs. 34 and 35, T.36 S., R. 24 E.

40.14 Point midway bet. the closing cors. of secs. 1 and 2,
and secs. 2 and 3.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, T.37 S., R.24 E.
with brass cap marked

$\frac{1}{4}$ S2

1922

from which

- A pinon, 8 ins.diam., bears S.72 $\frac{3}{4}$ °E., 56 lks.
dist., marked $\frac{1}{4}$ S2 BT
- A pinon, 10 ins.diam., bears S.79°W., 72 lks.
dist., marked $\frac{1}{4}$ S2 BT

43.24 The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, which is an iron
post, 1 in. dia., 12 ins. above ground, marked and

-87-
Establishment of $\frac{1}{4}$ sec. cors. on N. bdy.
of T. 37 S., R. 24 E.

Chains

witnessed as described by the surveyor general. I efface the marks on post, and bearing tree pertaining to sec. 2, leaving same for the $\frac{1}{4}$ sec. cor. of sec. 35, T. 36 S., R. 24 E. only.

80.28

The closing cor. of secs. 1 and 2, T. 37 S., R. 24 E.

East, along N. bdy. of sec. 1.

2.96

The cor. of secs. 35 and 36, T. 36 S., R. 24 E.

40.04

Point midway bet. the closing cors. of T. 37 S., Rs. 24 and 25 E., and secs. 1 and 2.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, T. 37 S., R. 24 E., with brass cap marked

$\frac{1}{4}$ SI

1922

from which

A cedar, 6 ins. diam., bears S. 68° E., 38 lks.
dist., marked $\frac{1}{4}$ SI BT

A pinon, 12 ins. diam., bears S. 44 $\frac{1}{2}$ ° W., 60 lks.
dist., marked $\frac{1}{4}$ SI BT

42.96

The $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is an iron post, 1 in. dia., 12 ins. above ground, marked and witnessed as described by the surveyor general. I efface the marks on post and bearing tree pertaining to sec. 1, leaving same for $\frac{1}{4}$ sec. cor. of secs 36, T. 36 S., R. 24 E.

80.09

The closing cor. of T. 37 S., Rs. 24 and 25 E., heretofore described.

Note: The cor. of T. 36 S., Rs. 24 and 25 E., is East, 2.87 chs. dist. from this cor.

General Description of T. 37 S., R. 24 E.

Boundaries of T. 37 S., R. 24 E.

Latitudes, departures, and closing errors.

Lines Designated	True bearing	Dist-ances	Latitudes.		Departures.	
			N.	S.	E.	W.
South Boundary	N89°56'E	475.76	.54		475.76	
East Boundary	North	479.18	479.18			
North Boundary	West	474.91				474.91
West Boundary	South	480.00		480.00		
Convergency						.58
Totals -----			479.72	480.00	475.76	475.49
Error in latitude -----			479.72	0.28	475.76	
Error in departure -----					0.27	

General Description of T. 37 S., R. 24 E.

The lands embraced within this township consists mainly of rough, broken breaks of Montezuma Canyon and its tributaries, and rolling mesa lands. The general exposure and drainage is southerly.

Along the west portion of the township is a high, rolling mesa, extending southerly from the Blue Mountains, and lying between Montezuma and Alkali Canyons. This is the highest land in the township. It is covered with a dense growth of scrub cedar and pinon-pine timber, and medium growth of black sagebrush, 1 to 3 ft. high. The soil is principally a reddish, fine texture, sandy to clay loam, being quite shallow, and lying on sandstone bedrock or clay. The remainder of the township is mostly the breaks of Montezuma Canyon, breaking off from the higher mesa in series of lower mesas or benches, and cut by numerous rocky canyons and gulches, all draining into Montezuma Canyon. The rims of the mesas and benches are clearly defined by vertical ledges from a few feet to nearly one-hundred feet high, and abrupt, rocky slopes. From a medium to scattered growth of scrub cedar and pinon-pine timber, and scattered short

General Description of T. 37 S., R. 24 E.

sagebrush and grass is found throughout.

The soil is mainly a shallow clay and sandy loam, lying on rocky and clay subsoil. The abrupt slopes of the canyons and rims are strewn with boulders and broken by numerous sandstone rim ledges.

The main drainage of the township is into Montezuma Canyon, entering in sec. 2, draining southerly through the east half, and leaving in sec. 36. Other large canyons joining the Montezuma in this tp. are, Devil Canyon, from NW., enters in sec. 2; Coal Bed Canyon, from NE., enters in sec. 2; and Monument Canyon, from NE., enters in sec. 36. All of these canyon carry water during the spring and flood season, but at the time of survey (July and August) there was only an occasional seep or water pocket, the season being unusually dry. Montezuma Canyon is reported to carry a large stream, lasting usually up to July, before drying up. By digging in the channel water can be obtained in the dry season.

A small spring of good water is located in NW $\frac{1}{4}$, SE $\frac{1}{4}$ of sec. 10, rising in edge of wash in Montezuma Canyon.

A small seep of alkaline water is located in SW $\frac{1}{4}$ of sec. 17, in head of a gulch; small seep, alkaline water, in SE $\frac{1}{4}$, SE $\frac{1}{4}$ of sec. 5, in bottom of Bradford Canyon. No other water is found within the township.

The township is chiefly suitable for grazing, there being a fair growth of grass throughout. It is used principally as a winter range, altho there are parcels of land along the bottom of Montezuma Canyon suitable for agricultural purposes, if irrigated. These bottom lands are covered with a dense growth of greasewood and sagebrush, attaining a height of 8 ft. or more. The soil is a heavy clay loam.

Numerous perhistoric ruins of the Cliff Dwellers are found throughout the township. They occur along the top of the high mesa, and along the canyon rims under

BOOK A 404
General Description of T. 37 S., R. 24 E.

overhanging ledges. They are all small and very much dilapidated.

There are no settlers, nor improvements in this township other than a corral in the SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of sec. 10.

I found no indications of mineral, coal or oil in the township.

The magnetic declination is N. 15° 30' E.

Andrew Nelson

U.S. Cadastral Engineer.

CERTIFICATE OF UNITED STATES SURVEYOR GENERAL

I, Andrew Nelson, U.S. Cadastral Engineer, U.S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah bearing date of the 31st day of May 1922, I have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru- tions, and the laws of the United States, surveyed all those parts or portions of East Boundary, Establishment of Quarter Sec. Cors. on N. Bdy., and Subdivision of T. 37 S., R. 24 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in

the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc- tions, and the special written instructions of the 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 of such survey.

Salt Lake City, Ut.
Feb. 3, 1923
Andrew Nelson
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

July 28, 1923

The foregoing field notes of the survey of the east boundary, Establishment of Quarter sec. cors. on North boundary and subdivision of Township 37 South Range 24 East of the Salt Lake Base and meridian

executed by Andrew Nelson, U.S. Cadastral Engineer

under his special instructions dated May 31, 1922 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature]
U. S. Surveyor General.

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. Surveyor General.