

Volume

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BOOK A 507

RECEIVED

March 6 1928

Department of the Interior

Public Survey Office

Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

EIGHTH STANDARD PARALLEL SOUTH THROUGH RANGE 11 EAST,

THE WEST BOUNDARY AND SUBDIVISION, AND MEANDERS OF THE

RIGHT AND LEFT BANKS OF SAN JUAN RIVER

T. 41 S., R. 11 E.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Chas. F. Moore

and

Willis W. Bandy

In the capacity of U. S. Surveyor S, under instructions dated September 25, 1923, issued by the United States Surveyor General to govern surveys included in Group No. 155, which were approved by the Commissioner of the General Land Office, October 12, 1923. Supplemental assignment instructions dated September 14, 1925.

Survey commenced October 23, 1925.

Survey completed April 19, 1926.

Date Diagram

	4-20-26	4-19-26	4-3-26	4-2-26	4-2-26	4-1-26
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2-5-26	31	32	33	34	35	36
1-17-26	1-17-26	10-23-25	1-15-26	1-12-26	1-10-26	

Lines ruled in black were surveyed by Chas. F. Moore,
U.S. Surveyor,

Lines ruled in red were surveyed by Willis W. Bandy,
U.S. Surveyor.

Lines ruled in red and black were surveyed conjointly,
by Moore and Bandy.

The meanders of the right and left banks of the San
Juan River, were surveyed conjointly by both Moore
and Bandy between the dates of January 16, 1926, and
April 19, 1926.

T. 41 S., R. 11 E.

Survey commenced October 23, 1925 and one mile of subdivision was run on this date by Willis W. Bandy, U.S. Surveyor while making the survey of the north boundary of T. 42 S., R. 11 E. Cors. on this mile set in year 1926.

On January 9, 1926, the survey of T. 41 S., R. 11 E., was recommenced and executed with Buff and Buff light mountain transit No. 9220 used by Chas. F. Moore, U. S. Surveyor, and Young and Son's light mountain transit No. 8544 used by Willis W. Bandy, U.S. Surveyor.

The instruments were approved for use on this survey by the District Cadastral Engineer for District No. 6, conditional upon satisfactory field tests in supplemental assignment instructions dated September 14, 1925.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each equipped with double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, we proceed as follows.

January 9, 1926: At our camp located in the northeast quarter of sec. 9, T. 41 S., R. 11 E., in approximate latitude $37^{\circ}14'$ N., longitude $110^{\circ}41'$ W.; at 0h 19m a.m. local mean time, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed position, using instrument No 9220, and mark the mean point in the line thus determined by a tack in a stake driven firmly in the ground about 10 chains to the N. of my station.

Azimuth of Polaris at western elongation = $1^{\circ}22'$ W.

We lay off the azimuth of Polaris which is $1^{\circ}22'$ to the E. and mark the meridian thus determined by a tack in a stake driven firmly in the ground, 10 chains N. of my station.

At 9h 30m a.m. apparent time, with the instruments in the meridian, we set off $22^{\circ}6'$ S., on the declination arcs; $37^{\circ}14'$ N., on the latitude arcs; and determine a meridian with the solar which we find to agree with the true meridian.

At apparent noon, with instrument No. 9220 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 = $30^{\circ}40'30''$

Reduced latitude = $37^{\circ}13'30''$

Mean watch time of observation = 12h 5m 5s.

Watch slow of local mean time = 0h 2m 2s.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $22^{\circ}6'$ S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $22^{\circ}3'$ S., on the declination arcs; and determine a meridian with the solar which agrees with the computed declination of the sun.

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 meridians determined by observations made on Polaris.

Chains

Near the completion of the survey of this township, we make a final test of the instruments as follows.

April 19, 1926: With the instruments in the meridian established by observations made on Polaris as heretofore described, at 9h 30m a.m. apparent time, we set off $37^{\circ}14'$ N., on the latitude arcs; $11^{\circ}6'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $11^{\circ}7\frac{1}{2}'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $11^{\circ}11'$ 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 still in satisfactory adjustment.

Measurements.

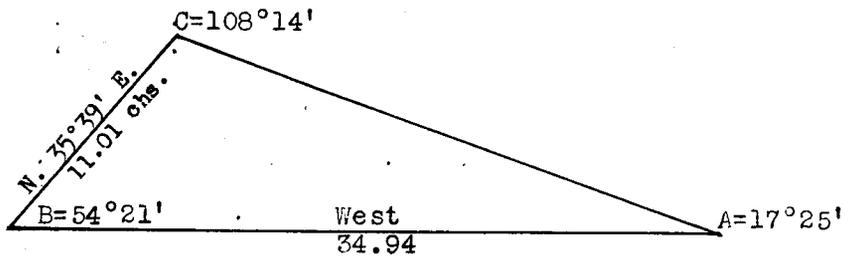
Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Eighth Standard Parallel South, Through R. 11 E.

From the standard cor. T. 40 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 12 E.

West, along the S. bdy. sec. 36.

The line to the W. of this cor. passes over broken breaks of a deep canyon through scattered undergrowth. As it is impracticable to chain W. from cor. I triangulate as follows. Designate the cor. "A" and erect flag "B" on line W. From flag "B", measure base line "BC", N. 35° 39' E., 11.01 chs. dist., from which point, flags "AB" subtend an angle of 108°14'.



Distance by triangulation=34.94 chs.

- 10.00 Approximate distance; bottom of canyon, 250 ft. deep, drains SW.; ascend inaccessible NW. breaks of canyon.
- 34.94 To point "B" of triangulation at top of sandstone ridge, 250 ft. above bottom of canyon, bears NE. and SW.; descend abrupt W. slope over surface rock.
- 39.22 On N. side of small sandy cove.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness cor. to the standard $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked.

SC
WC $\frac{1}{4}$ S36

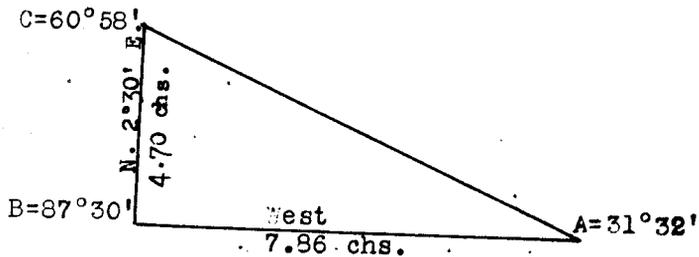
1926

- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 40.00 True point for the standard $\frac{1}{4}$ sec. cor. falls on steep slope of surface rock, where it is impracticable to set a permanent cor.
- 41.10 Top of impassable rim rock, bears NE. and SW. over which

Eighth Standard Parallel South, Through R. 11 E.

Chains

I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "B", measure base line "BC", N. 2°30' E., 4.70 chs. dist., from which point, flags "AB" subtend an angle of 60°58'.



Distance on line=	41.10 chs.
Distance by triangulation=	7.86 chs.
	<u>48.96 chs.</u>

- 48.96 To point "B" of triangulation.
- 49.20 Base of rim rock, 140 ft. below top, bears NE. and SW.; descend abrupt broken NW. slope.
- 58.40 Canyon, 140 ft. below base of rim rock, drains SW.; ascend abrupt SE. slope.
- 63.30 Spur, 140 ft. above canyon, projects SW.; descend abrupt NW. slope.
- 71.30 Top of right rim of San Juan Canyon, bears W. and SE.; thence along top of rim.
- 77.56 Top of right rim of San Juan Canyon, bears N. 80° W. and S. 80° E. To avoid rim, I offset as follows. North, 66 lks. Thence, West on offset line near top of rim.
- 80.00 Point on offset line at top of right rim of canyon. It being impossible to reach the true point for cor., therefore at this point which is 66 lks. N. of true cor. point:
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 standard cor. secs. 35 and 36, with brass cap marked.

Eighth Standard Parallel South, Through R. 11 E.

Chains

	S C	
T40S	R11E	✓
S35	S36	

WC

1926

Deposit a sandstone, 4 x 4 x 2 ins., at base of post, marked with a cross (X).

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

Soil, shallow loose sand in the depressions of the surface-rock; 3rd rate.

Undergrowth, scattered blackbrush.

No timber.

Poor grazing.

West along the S. bdy. sec. 35.

From the witness cor. to the standard cor. secs. 35 and 36, which is North, 66 lks. dist. from the true cor. point.

Thence, West, on offset line near top of broken breaks of right rim of San Juan Canyon through scattered undergrowth.

True line passes over inaccessible ledges.

14.88 Offset South, 66 lks. dist. to true line to point on top of right rim of San Juan Canyon, bears E. and SW.; thence West on true line.

40.00 Point for standard $\frac{1}{4}$ sec. cor. falls on inaccessible face of ledge where it is impossible to set cor.

41.03 On abrupt W. slope.

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 witness cor. to the standard $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked.

	SC	
$\frac{1}{4}$ S35	WC	✓

1926

Deposit a sandstone, 10 x 10 x 4 ins., at base of post, marked with a cross (X).

Eighth Standard Parallel South, Through R. 11 E.

Chains

- 68.65 Bottom of Navajo Canyon, 320 ft. below the witness cor. to the standard $\frac{1}{4}$ sec. cor., drains SW.; ascend abrupt SE. slope.
- 78.20 Spur, 210 ft. above canyon, projects S.; descend abrupt SW. slope.
- 80.00 On surface rock, 20 ft. below spur; mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for standard cor. secs. 34 and 35, with brass cap marked.

	S	C
T40S	R11E	
S34	S35	

1926

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

Soil, shallow loose sand and rock in the depressions of the surface rock; 3rd rate.

Undergrowth, scattered blackbrush.

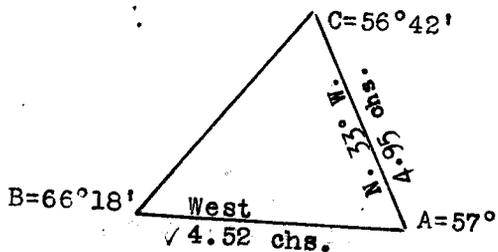
No timber.

Poor grazing.

West, along the S. bdy. sec. 34.

Descend abrupt SW. slope through scattered undergrowth.

- 27.34 Top of right rim of San Juan Canyon, bears NW. and SE. over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "AC", N. 33° W., 4.95 chs. dist., from which point, flags "AB" subtend an angle of 56°42'. Vertical angle "A" to "B" = 41°.

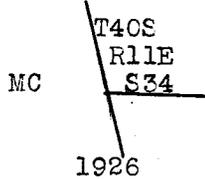


Eighth Standard Parallel South, Through R. 11 E.

Chains

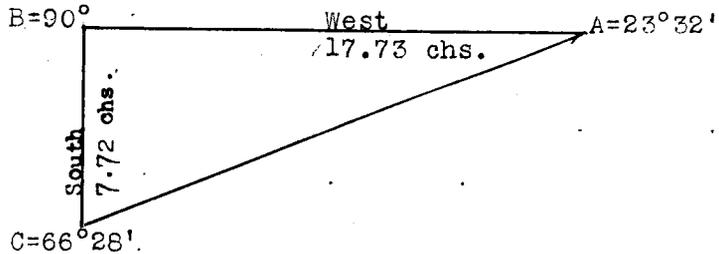
Distance on line= 27.34 chs.
 Distance by triangulation= 4.52 chs. ✓
31.86 chs. ✓

31.86 To point "B" of triangulation at the mean high water mark of the right bank of San Juan River, bears NW. and SE., 260 ft. below rim.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for meander cor. sec. 34, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence by triangulation across the San Juan River, which is a stream about 4.00 chs. wide and 3 ft. deep, which flows in a northwesterly direction.

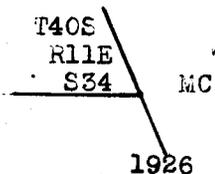
Return to the flag at the 27.34 chs. point which I designate "A" and erect flag "B" on line W. From flag "B", measure base line "BC", South, 7.72 chs. dist., from which point; flags "AB" subtend an angle of 66°28'.



Distance on line= 27.34 chs.
 Distance by triangulation= 17.73 chs.
 Distance by return measurement= 45.07 chs.
 3.88 chs.
41.19 chs.

41.19 The mean high water mark of the left bank of San Juan River, bears NW. and SE. On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for meander cor. sec. 34, with brass cap marked.



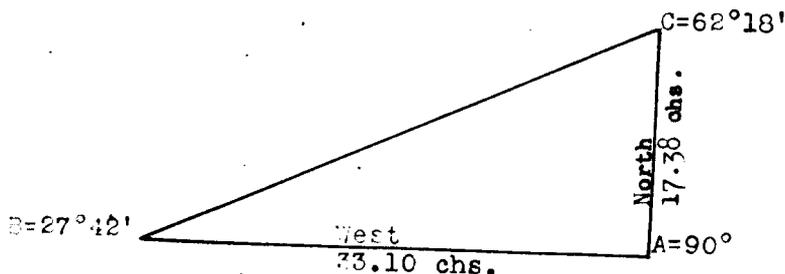
Eighth Standard Parallel South, Through R. 11 E.

Chains

Thence, by direct measurement; ascend abrupt W. breaks of San Juan Canyon.

45.07 To point "B" of triangulation at top of W. breaks of canyon, bears NW. and SE., 210 ft. above river.

51.14 The line to the W. of this point passes over high inaccessible ledges and sandstone buttes over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "AC", North, 17.38 chs. from which point, flags "AB" subtend an angle of $62^{\circ}18'$.



Distance on line=	51.14 chs.
Distance by triangulation=	33.10 chs.
	<u>84.24 chs.</u>
Distance by return measurement=	3.78 chs.
	<u>80.46 chs.</u>

80.00 True point for the standard cor. secs. 33 and 34, falls on inaccessible face of ledge.

80.46 At E. edge of elongated sandstone butte, 300 ft. high, bears NW. and SE.; mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the standard cor. secs. 33 and 34, with brass cap marked.

	S	C	
T40S	R11E		
S33	S34		WC

1926

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

Soil, shallow loose sand in the depressions of the surface rock; 4th rate.

Undergrowth, scattered mountain rush and blackbrush.

No timber. Fair grazing.

Eighth Standard Parallel South, Through R. 11 E.

Chains

West, along the S. bdy. of sec. 33, counting distances from the true point for the standard cor. secs. 33 and 34.

Over broken gradual E. slope of elongated butte through scattered undergrowth.

.46 The witness cor. to the standard cor. secs. 33 and 34.

4.24 To point "B" of triangulation, on W. portion of mile along S. bdy. sec. 34.

13.30 Top of elongated sandstone butte, 300 ft. high, bears N. and S.; descend gradually over broken ledges and buttes.

40.00 True point for the standard sec. cor. falls on face of ledge where it is impossible to set cor.

40.47 On surface rock, 340 ft. below butte; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the standard $\frac{1}{2}$ sec. cor. sec. 33, with brass cap marked.

SC
 $\frac{1}{2}$ S33 WC

1926

78.97. Left bank of the San Juan River on top of perpendicular ledge, 100 ft. high, 350 ft. below the witness cor. to the standard $\frac{1}{2}$ sec. cor. and a point directly above the mean high water mark of river; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for meander cor. sec. 33, with brass cap marked.

MC / T40S
R11E.
S33

1926

80.00 Point for the standard cor. of secs. 32 and 33 falls in San Juan River which is about 4.00 chs. wide and 3 ft. deep, drains N.

Eighth Standard Parallel South, Through R. 11 E.

Chains

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

Soil, shallow loose sand in the depressions of the surface rock; 4th rate.

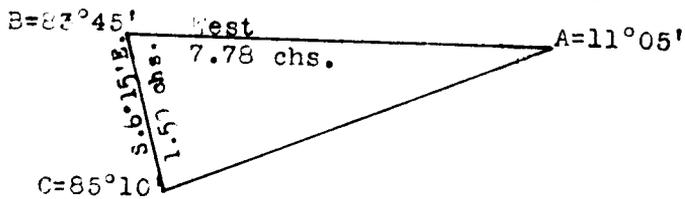
Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

West, along the S. bdy. sec. 32.

Commence at the meander cor. of sec. 33 on the left bank of San Juan river, which is East, 1.03 chs. dist. from point for standard cor. secs. 32 and 33, and determine the distance across river by triangulation as follows. Designate the meander cor. on left bank of river "A" and erect flag "B" on line W. From flag "B", measure base line "BC", S. 6°15' E., 1.50 chs. dist. from which point, "AB" subtends an angle of 85°10'.



Distance by triangulation = 7.78 chs.
 Distance from meander cor. to sec. cor. = $\frac{1.03 \text{ chs.}}{6.75 \text{ chs.}}$

Distance counted from point for standard cor. secs. 32 and 33: Point "B" of triangulation at top of perpendicular rim, bears N. and S. 50 ft. directly above the mean high water mark of the right bank of San Juan river; mark a cross (X) on the surface rock, over which.

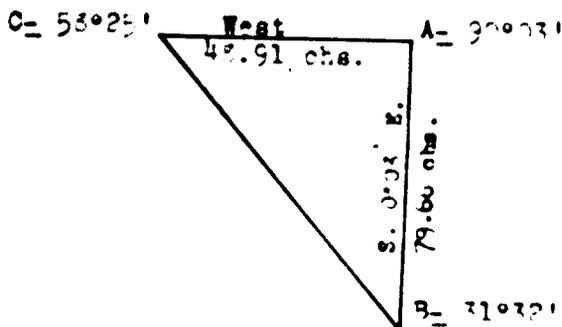
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 3 ft. base, 3 ft. high, for meander cor. sec. 32, with brass cap marked.

T403	MC
R11E	
S32	

chains

Note: the river at this point is a stream about 4.50 chs. wide and 3 ft. deep, which flows in a southerly direction.

From this point, the line passes over steep E. slope of sandstone ledges over which it is impracticable to chain, I therefore determine the distance to top of ledges by triangulation as follows. Designate the point for the closing cor. secs. 4 and 5 "A", which is East, 29.83 chs. dist. from the true point for the standard cor. secs. 32 and 33. Designate the cor. secs. 4, 5, 8 and 9 "B", which is S. 0°03' E., 79.86 chs. dist. from point "A". Erect flag "C" on line to the W. at top of inaccessible ledge and from which point, flag "A" subtends an angle of 58°25'. Vertical angle "C" to "A" = 22°.



Distance by triangulation = 47.91 chs.
 Distance on line = $\frac{29.83 \text{ chs.}}{19.08 \text{ chs.}}$

- 19.08 To point "C" of triangulation at top of inaccessible ledges, 840 ft. above the meander cor. on right bank of river, bears N. and S.; thence over broken top of ledges.
- 40.00 True point for the standard $\frac{1}{4}$ sec. cor. sec. 32, falls on inaccessible face of ledge where it is impossible to set cor.
- 40.57 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., 34 ins. in a mound of stone, for witness cor. to the standard $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked.

$\frac{80}{832}$

WO

Eight Standard Parallel South, Through R. 11 E.

Chains

No other suitable accessories available.

75.30 Old road over which the Mormons traveled from Salt Lake City, Utah, to Bluff, Utah, bears NE. and SW.

80.00 On broken land, mark a cross (X) on the bedrock, over which.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 24 ins. in a mound of stone, for standard cor. secs. 31 and 32, with brass cap marked.

S C
T40S / R11E
S31 / S32

1926

No other suitable accessories available.

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

Soil, shallow loose sand in the depressions of the surfacerock; 4th rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

West, along the S. bdy. sec. 31.

Over broken mesa land through scattered undergrowth.

22.30 Draw, 40 ft. deep, drains N.

40.00 On broken land.

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

S C
 $\frac{1}{4}$ S31
1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

45.00 Draw, 30 ft. deep, drains NE.

80.00 On broken land.

Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to bedrock and 16 ins. in a mound of stone, for standard cor. T. 40 S., Rs. 10 and 11 E., with brass cap marked.

Eight Standard Parallel South, Through R. 11 E.

Chains

SC	
T40S	
R10E	R11E
S36	S31

1926

Deposit a sandstone, 4 x 4 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling and broken top of gray mesa with a general northeasterly exposure and drainage.

Soil, shallow sandy loam and gray clay; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

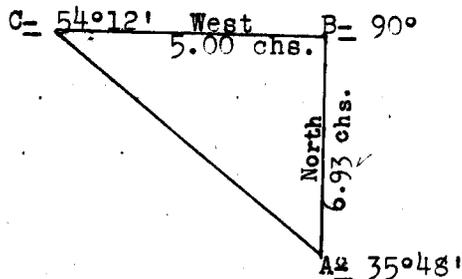
Survey of the West Boundary, T. 41 S., R. 11 E.

From the cor. Ts. 41 and 42 S., Rs. 10 and 11 E., which is an iron post, 3 ins. diam., with brass cap, set, marked, and witnessed as described in the finished field notes of the survey T. 42 S., R. 11 E.

North, bet. secs. 31 and 36, along the W. bdy. of the township.

Descend gradually along broken E. slope of ledges through scattered undergrowth.

9.54 Top of S. breaks of the San Jaun River, bears E. and W., over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", West, 5.00 chs. dist., from which point, flags "AB" subtend an angle of $54^{\circ}12'$. Vertical angle from flag "A" to flag "B" = 39° .



Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

Distance on line = 9.54 chs.
 Distance by triangulation = $\frac{6.93}{16.47}$ chs.

16.47 To point "B" of triangulation at the mean high water mark of the left bank of the San Jaun River, 450 ft. below cor., bears E. and W.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 31 and 36, with brass cap marked.

MC

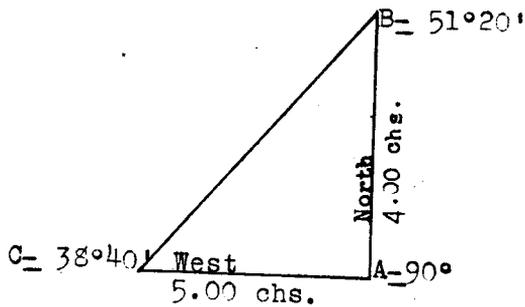
S36	S31
R10E	R11E
T41S	

1926

From which,

A large stationary sandstone boulder, bears South, 12 lks. dist.; marked MC.

The swift current of the the San Jaun River makes it impossible to chain across river, I therefore triangulate across river as follows. Erect flag "A" at the meander cor. and flag "B" on line across river. From flag "A", measure base line "AC", West, 5.00 chs. dist., from which point, flags "AB" subtend an angle of 38°40'.



Distance on line 16.47 chs.
 Distance by triangulation $\frac{4.00}{20.47}$ chs.

20.47 To point "B" of triangulation at the mean high water mark on the right bank of river, bears E. and W.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 31 and 36, with brass cap marked.

Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

T41S	
R10E	R11E
S36	S31

MC

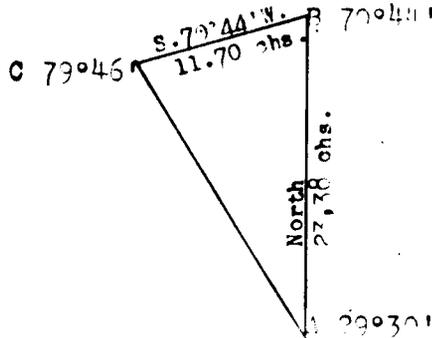
1926

Raise a mound of stone, 5 ft. base, 2 ft. high, N. of cor.

The river at this point is a stream, about 3.00 chs.

wide and 5 ft. deep, which flows W.

The inaccessible N. breaks of the river make chaining impracticable to the N. of this cor., I therefore triangulate to top of breaks as follows. Designate the point left North, 9.54 chs. dist. from the township cor. "A". Erect flag "B" on line N. at top of breaks. From flag "B", measure base line "BC", S. 70°44' W., 11.70 chs. dist., from which point, flags "A" subtend an angle of 79°45'.



Distance on line	9.54 chs.
Distance by triangulation	<u>23.38 chs.</u>
	32.92 chs.

32.92 To point "B" of triangulation at top of N. breaks of the San Juan River, 400 ft. above river bottom, bears E. and W.; thence ascend gradually over broken bench land.

40.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	$\frac{1}{4}$	
S36	|	S31
	1926	

No other suitable accessories available.

55.00 Base of gradual ascent, bears NE. and SW.

Survey of the West Boundary, T. 41 N., R. 31 W.

Chains

68.40 Top of ascent, 350 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence over rolling top of bench.

75.50 Base of abrupt ascent over sandstone surfacerock, bears NE. and SW.

80.00 On sandstone surfacerock, 30 ft. above base of ascent; mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a round of stone, for cor. secs. 25, 30, 31 and 36, with brass cap marked.

T41S	
R10E	R11E
S25	S30
S35	S31

1926

No other accessories available.

Cor. set at top of W. rim of dry, natural water tank.

Land, broken N. and S. breaks of the San Juan River.

Soil, sandstone surfacerock and shallow sandy loam;

3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

North, bet. secs. 25 and 30.

Ascent gradually over broken S. slope of surfacerock through scattered undergrowth.

2.30 Top of surfacerock, 30 ft. above cor., bears NE. and SW.; descend abruptly over broken NW. slope.

11.00 Sandstone gulch, 210 ft. below top of descent, drains SW.; ascend abruptly over broken SE. slope of surfacerock.

40.00 On broken S. slope of surfacerock; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a round of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

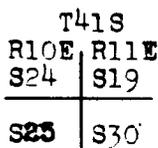


No other suitable accessories available.

71.00 Wash, 20 lks. wide, 3 ft. deep, in draw, 40 ft. deep, drains SW.; ascend abrupt SE. slope of surfacerock.

80.00 On abrupt SE. slope of surfacerock, 200 ft. above the $\frac{1}{4}$ sec. cor.; mark a cross (X), over which:

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



1926

From which,

A juniper, 3 ins. diam., bears S. $34^{\circ}30'$ W., 151 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. $67^{\circ}45'$ W., 143 lks. dist., marked BT.

No other suitable bearing trees available.

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

Soil, sandstone surfacerock and shallow sandy loam; 3rd rate.

Undergrowth, scattered blackbrush, mountain rush, yellow top and anole plants.

Timber, a few scattered scrub juniper.

Fair grazing.

North, bet. secs. 19 and 24.

Ascend over broken SE. slope of surfacerock through scattered undergrowth and timber.

13.30 Top of ascent, bears NE. and SW., 100 ft. above cor.; thence descend gradually over broken NW. slope.

27.60 Draw; 90 ft. below top of descent, drains SW.; ascend

Survey Of The West Boundary, T. 41 N., R. 21 W.

Chains

broken SE. slope of surfacerock.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on steep face of surfacerock where it is impracticable to set cor.

41.54 On broken SE. slope, 150 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 19 and 24, with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ \downarrow \\ \text{S24} \mid \text{S19} \\ \text{WC} \end{array}$$

1926

From which,

A juniper, 4 ins. diam., bears N. $52^{\circ}30'$ E., 83 lks. dist., marked BT. Tree too scrubby for other marks.

A juniper, 6 ins. diam., bears S. 61° W., 101 lks. dist., marked BT. Tree too scrubby for other marks.

A point on sandstone ledge, bears S. 12° E., 8 lks. dist., marked X BO WC S19.

Hence, descend gradually over broken NW. slope of mesa.

52.50 Wash, 30 lks. wide, 3 ft. deep, in draw, 30 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual SE. slope.

53.00 On SE. slope of surfacerock, 180 ft. above draw; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 13, 18, 19 and 24, with brass cap marked.

$$\begin{array}{c} \text{T418} \\ \text{R10E} \mid \text{R11E} \\ \text{S13} \mid \text{S18} \\ \hline \text{S24} \mid \text{S19} \end{array}$$

1926

From which,

A juniper, 6 ins. diam., bears N. 40° E., 57 lks. dist., marked BT.

A juniper, 8 ins. diam., bears S. $66^{\circ}15'$ W., 96 lks. dist., marked BT.

Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

dist., marked BT.

Trees too scrubby for other marks and no other suitable bearing trees available.

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

Soil, sandstone surfacerock and shallow loose sand; 3rd rate.

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

Timber, scattered scrub juniper.

Fair grazing.

North, bet. secs. 13 and 18.

Over broken SW. slope of mesa through scattered timber and undergrowth.

40.00 On broken SW. slope of surfacerock; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	↓	
S13	|	S18
1926		

From which,

A juniper, 6 ins. diam., bears N. 83°30' W., 93 lks. dist., marked BT. Tree too scrubby for other marks and no other suitable tree available.

68.20 Slope changes from SW. to NE.

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

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 7, 12, 13 and 18, with brass cap marked.

	T41S	
R10E	|	R11E
S12	|	S7

S13	|	S18

1926

Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

511340

From which,

- A juniper, 4 ins. diam., bears N. 7°30' E., 1 lks. dist., marked T41S R11E S7 BT.
- A juniper, 8 ins. diam., bears S. 33°30' E., 205 lks. dist., marked T41S R11E S18 BT.
- A juniper, 12 ins. diam., bears S. 83°15' W., 119 lks. dist., marked T41S R10E S13 BT.
- A juniper, 10 ins. diam., bears N. 41° W., 112 lks. dist., marked T41S R10E S12 BT.

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

Soil, sandstone surfacerock and shallow loose sand; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

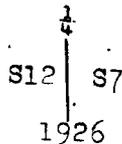
Timber, scattered scrub juniper.

Fair grazing.

North, bet. secs. 7 and 12.

Over broken N. slope of mesa through scattered undergrowth and timber.

- 40.00 On NE. slope of surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. dian., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

- A juniper, 10 ins. dian., bears N. 5°30' E., 395 lks. dist., marked $\frac{1}{4}$ S7 BT.
- A juniper, 8 ins. diam., bears S. 32° W., 73 lks. dist., marked $\frac{1}{4}$ S12 BT.

- 52.70 Sandstone sour, 130 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradual NW. slope of spur.

- 65.40 Sandstone draw, 60 ft. below spur, drains NE.; ascend abrupt SE. slope.

Survey Of The West Boundary, T. 41 S., R. 11 E.

Chains

80.00 True point for the cor. secs. 1, 6, 7 and 12, falls on steep slope of surfacerock where it is impracticable to set cor. Mark a cross (X), at the true cor. point and at a point, S. 45° W., 88 lks. dist. from the true cor. point:

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

T41S		
R10E	R11E	
S1	S6	WC
S12	S7	

1926

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

No other suitable accessories available and no suitable place on line to set cor.

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

Soil, shallow loose sand in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattered blackbrush.

Timber, scattered scrub juniper.

Fair grazing.

North, bet. secs. 1 and 6.

Ascend gradually over broken SE. slope of surfacerock through scattered undergrowth and timber.

38.30 Top of ascent, 290 ft. above cor., bears NE. and SW.; descend gradually over broken NW. slope.

40.00 On broken NW. slope, 20 ft. below top of ascent.

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

	$\frac{1}{4}$	
S1	|	S6
	1926	

Survey of The West Boundary, T. 41 S., R. 11 E.

Chains

311512

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
No suitable bearing trees available.

40.45 Old road used by the Mormons when enroute from Salt Lake
City, to Bluff, Utah, bears, NE. and SW.

65.50 Bottom of swale, drains NE.; thence along E. slope.

79.47 On gradual SE. slope, 100 ft. below the $\frac{1}{4}$ sec. cor.

Intersect the Eight Standard Parallel South, East, 32.42
chs. dist. from the standard cor. T. 40 S., Rs. 10 and
11 E., heretofore described.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in
the ground, for closing cor. T. 41 S., Rs. 10 and 11 E.,
with brass cap marked.

T40S R11E
S31

S1	S5
R10E	R11E
T41S	
CC	

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
No suitable bearing trees available.

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

Soil, shallow loose sand; 3rd rate.

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

Timber, scattered scrub juniper.

Fair grazing.

Subdivision, T. 41 S., R. 11 E.

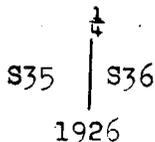
From the cor. secs. 1, 2, 35 and 36, on the S. bdy. of
the township, which is an iron post, 2 ins. diam.,
with brass cap, set, marked and witnessed as described
in the finished notes of the survey T. 42 S., R. 11 E.
N. 0°01' W., bet. secs. 35 and 36.

Descend gradually over broken NE. slope through scattered

Chains

undergrowth.

- 40.00 On SW. side of bottom of canyon, 400 ft. below 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.



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

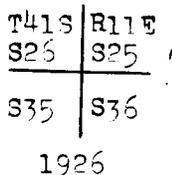
- 45.00 Bottom of canyon, 60 ft. below the $\frac{1}{4}$ sec. cor., drains
NW.; ascend abrupt NE. breaks of canyon.

- 47.00 Top of NE. breaks of canyon, 100 ft. above bottom, bears
SE. and NW.; thence over broken bench land.

- 72.00 Wash, 10 lks. wide, 6 ft. deep, drains SW.

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

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 25, 26, 35 and 36, with
brass cap marked.



No other suitable accessories available.

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

Soil, shallow loose sand; 3rd rate.

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

No timber.

Fair 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, at the cor. of
secs. 25, 30, 31 and 36, which is an iron post, 2 ins.
diam., set, marked and witnessed as described in the
finished notes of the survey T. 41 S., R. 12 E.

Chains

Thence,
West, on true line bet. secs. 25 and 36.
Descend gradually over broken W. slope through scattered undergrowth.

18.60 Wash, 30 lks. wide, 6 ft. deep, in draw, 250 ft. below cor. drains SW.; ascend gradual E. slope.

37.00 Top of ascent, 100 ft. above draw, bears NE. and SW.; descend gradual SW. slope.

39.98 On gradual SW. slope on N. side of draw which drains W.; on sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{S25}{\frac{1}{4}} \frac{S36$

1926

No other suitable accessories available.

50.40 Wash, 20 lks. wide, 6 ft. deep, drains SW.; continue gradual descent.

79.96 The cor. secs. 25, 26, 35 and 36, 520 ft. below top of ascent..

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

Soil, shallow sand and rock; 3rd rate.

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

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

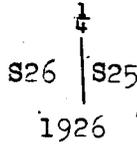
Descend gradually over broken NW. slope of bench land through scattered undergrowth.

29.50 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.00 On broken W. slope of surfacerock; mark a cross (X), over which:

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

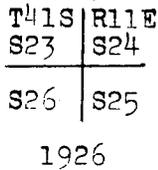


No other suitable accessories available.

Cor. is 110 ft. below the sec. cor.

- 62.70 Wash, 30 lks. wide, 6 ft. deep, drains NW.
- 71.80 Wash, 20 lks. wide, 6 ft. deep, drains NW.
- 76.50 Small seep of good water, in wash, 10 lks. wide, 5 ft. deep drains W.
- 80.00 On surfacerock, 100 ft. below the $\frac{1}{4}$ sec. cor.; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 23, 24, 25 and 26, with brass cap marked.



No other suitable accessories available.

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

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

Undergrowth, scattered blackbrush and shadscale.

No timber.

Fair grazing.

East, on random line bet. secs. 24 and 25.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 79.96 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 19, 24, 25 and 30, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 12 E.
- Thence,

Subdivision, T. 41 S., R. 11 E.

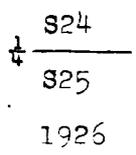
Chains

S. 39°53' W., on true line bet. secs. 24 and 25.

Descend gradually over broken NW. slope of bench land through scattered undergrowth.

39.93 On broken SW. slope, 400 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.



Deposit a sandstone, 10 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

73.00 Small seep of good water, in bottom of wash, 20 lks. wide, 4 ft. deep, 330 ft. below the 1/4 sec. cor., drains SW.; ascend gradual SE. slope.

79.96 The cor. secs. 23, 24, 25 and 26, 30 ft. above wash. Land, broken, with a general northwesterly exposure and drainage.

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

Undergrowth, scattered blackbrush and shadscale.

No timber.

Fair grazing.

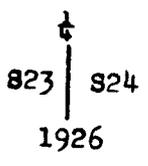
N. 0°01' W., bet. secs. 23 and 24.

Over broken NW. slope of bench land through scattered undergrowth.

26.00 Draw, 30 ft. deep, drains NW.; continue over broken NW. slope.

40.00 On broken NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.



Subdivision T1 4100, R2011 E.

Chains

chains

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X). No other suitable accessories available. On gradual NE. slope of draw. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in to the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 13, 14, 23 and 24, with brass cap marked.

T418 R11E.	
S14	S13
S23	S24

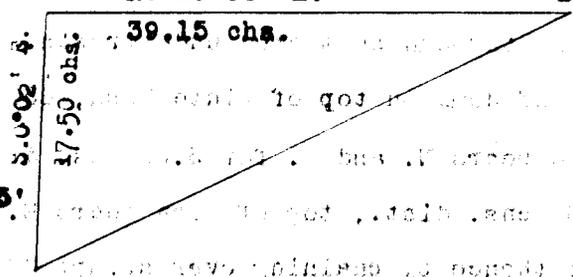
1928

Deposit a sandstone; 4 x 4 x 3 ins., at base of post, marked with a cross (X)
 No other suitable accessories available.
 Land, broken, with a general northwesterly exposure and drainage.
 Soil, shallow blue clay and sand; 3rd rate.
 Undergrowth, scattered shadscale and blackbrush.
 No timber.
 Fair grazing.

N. 89°58' E.; on random line bet. secs. 13 and 24.

Inaccessible W. breaks of Plute Mesa make chaining to the E. impracticable, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 13, 14, 23 and 24, and flag "B" on line to the E. From flag "A", measure base line "AC", S. 0°02' E., 17.50 chs. dist., from which point, flags "AB" subtend an angle of 65°55' vertical angle from "A" to "B" is plus 23°

A 90° N. 89°58' E. B 24°05'



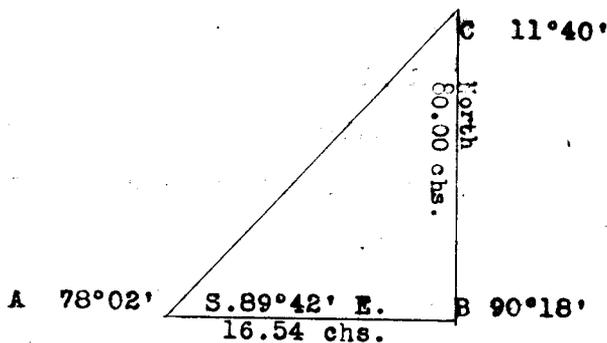
C 65°55'

Subdivision, T. 41 S., R. 12 E.

enlads

Chains

39.15 To point "B" of triangulation.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 63.40 Top of inaccessible E. breaks of Piute Mesa over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point. Designate the cor. secs. 13, 18, 19 and 24, on the E. bdy. of the township "B", and the cor. secs. 7, 12, 13 and 18, "C". From flag "A", flag "B", bears S. $89^{\circ}42'$ E., and flags "BC" subtend an angle of $78^{\circ}02'$. Vertical angle from "A" to "B" is minus $39^{\circ}15'$



Distance on line 63.40 chs.
 Distance by triangulation 16.54 chs.
 79.94 chs.

79.94 To point "B" of triangulation at the cor. secs. 13, 18, 19 and 24, on the E. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 12 E.

The bearing of this mile therefore is N. $89^{\circ}58'$ W. and the distance is 79.94 chs.

Thence, N. $89^{\circ}58'$ W., on true line bet. secs. 13 and 24.

By triangulation over inaccessible E. breaks of Piute Mesa through scattered undergrowth.

16.54 Top of dome on top of Piute Mesa, 630 ft. above cor. Dome bears N. and S. for 3.00 chs. dist. and E. and W. 1.00 chs. dist., top of mesa bears N. 30° W. and S. 30° E.; thence by chaining over abrupt SW. slope of dome.

39.97 Near top of W. breaks of Piute Mesa, 100 ft. below top

Chains

of dome, on surfacerock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S13
 $\frac{1}{4}$ —————
 S24
 1926

No other suitable accessories available.

40.79 Top of W. breaks of Piute Mesa, bears N. 30° W. and S.
 30° E.; thence by triangulation over inaccessible W.
 breaks of mesa.

76.00 Draw, 40 ft. deep, drains NW. (Approximate distance)

79.94 The cor. secs. 13, 14, 23 and 24, and point "A" of
 triangulation, 1080 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken E. and W. breaks of the Piute Mesa.

Soil, shallow blue clay and sand; 4th rate.

Undergrowth, scattered blackbrush and shadscale.

No timber.

Fair grazing.

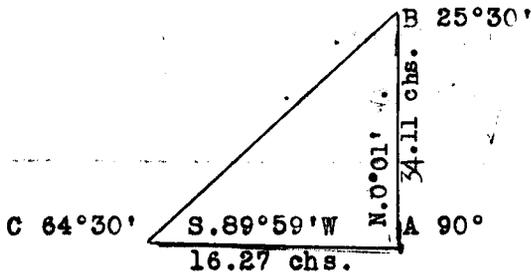
N. 0°01' W., bet. secs. 13 and 14.

Over inaccessible S. breaks of the Piute Mesa through
 scattered undergrowth.

High inaccessible ledges make chaining to the N. of this
 cor. impracticable, I therefore triangulate as follows.

Erect flag "A" at the cor. secs. 13, 14, 23 and 24 and
 flag "B" on line to the N. and top of ledges and breaks.

From flag "A", measure base line "AC", S. 89°59' W.,
 16.27 chs. dist., from which point, flags "AB" subtend
 an angle of 64°30'. Vertical angle "A" to "B" is plus
 13°30'



Subdivision, T. 41 S., R. 11 E.

Chains

311340

Distance by triangulation 34.11 chs.

- 3.50 Approximate distance; draw, 20 ft. deep, drains NW.
- 34.11 To point "B" of triangulation at top of S. breaks of the Piute, Mesa, 520 ft. above cor., bears NW. and SE.; thence by chaining over broken top of mesa.
- 37.30 Sandstone draw, 50 ft. deep, drains W.
- 40.00 On surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/2 sec. cor., with brass cap marked.

S14 | S13

1926

No other accessories available.

- 54.70 Top of sandstone butte, 120 ft. high, bears N. and S., 3.50 chs. dist. and E. and W. 15.00 chs. dist.

- 73.90 Wash, 5 lks. wide, 4 ft. deep, drains W.

- 80.00 On broken top of the Piute Mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, cor. secs. 11, 12, 13, and 14, with brass cap marked.

T41S R11E

S11 | S12

S14 | S13

1926

Deposit a sandstone, 8 x 7 x 6 ins., at base of post, marked with a cross (X)

No other suitable accessories available.

Land, broken top and S. breaks of the Piute Mesa.

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

Undergrowth, scattered blackbrush and shadscale.

No timber.

Fair grazing.

Subdivision, T. 41 S., R. 11 E.

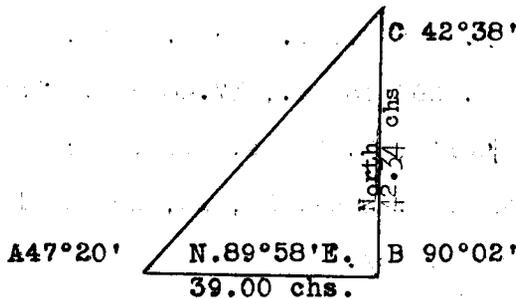
Chains

S. 89°58' E., on random line bet. secs. 12 and 13.
 High sandstone buttes make it impracticable to project
 my line E. from the cor. secs. 11, 12, 13 and 14, I
 therefore proceed as follows.
 South, 7.27 chs. dist.
 S. 26°45' E., 17.48 chs. dist.
 S. 45° E. 1.20 chs. dist.
 N. 55° E., 29.00 chs. dist.
 N. 73° E., 6.99 chs. dist.
 North, 5.04 chs. dist. to:

39.17 To point on true random line; thence, S. 89°58' E., on
 random line.

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

40.90 Top of NE. breaks of the Plute Mesa over which it is
 impracticable to chain, I therefore triangulate as
 follows. Erect flag "A" at this point. Designate the
 cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the
 township "B", and the meander cor. of right bank of the
 San Juan River, on the E. bdy. of the township, "C".
 From flag "A", "B", bears N. 89°58' E. From "B", "C"
 bears North, 42.34 chs. From flag "A", "BC" subtends
 an angle of 47°20'. Vertical angle "A" to "B" is minus
 18°30'.



Distance on line 40.90 chs.
 Distance by triangulation 39.00 chs.
 79.90 chs.

79.90 To point "B" of triangulation at the cor. secs. 7, 12, 13
 and 18, on the E. bdy. of the township, which is an
 iron post, 2 ins. diam., with brass cap, set, marked
 and witnessed as described in the finished notes of the
 survey T. 41 S., R. 12 E.

The course of this line therefore is, West, and the

Subdivision; T. 41 S., R. 11 E.

1011410

Chains

distance is 79.90 chs.

Thence,

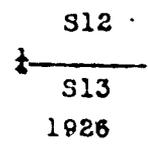
West, on true line bet. secs. 12 and 13.

By triangulation over inaccessible NE. breaks of the Piute Mesa through scattered undergrowth.

39.00 Top of NE. breaks of Piute Mesa, 860 ft. above cor., bears SE. and NW.; thence by chaining over broken top of mesa.

39.95 On top of Piute Mesa; on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



No other suitable accessories available.

40.73 From this point, high sandstone buttes make chaining W. on line impracticable, to avoid the buttes, I proceed by offset and traverse as follows.

South, 5.04 chs. dist.

S. 73° W., 6.99 chs. dist.

S. 55° W., 29.00 chs. dist.

N. 45° W., 1.20 chs. dist.

N. 26° 45' W., 17.48 chs. dist.

North, 7.27 chs. dist. to:

79.90 The cor. secs. 11, 12, 13 and 14, 550 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken top and NE. breaks of the Piute Mesa.

Soil, shallow sand and clay; 3rd rate.

Undergrowth, scattered shadscale and black brush.

No timber.

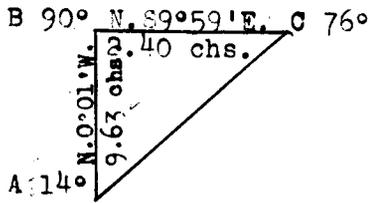
Fair grazing.

Chains

N. 0°01' W., bet. secs. 11 and 12.

Over sandstone ledges through scattered undergrowth.

- 2.83 The SE. rim of deep gulch over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B" measure base line "BC", N. 89°59' E., 2.40 chs. dist., from which point, flags "AB" subtend an angle of 76°. Vertical angle "A" to "B" is minus 4°.



Distance on line	2.83 chs.
Distance by triangulation	<u>2.83 chs.</u>
	12.46 chs.

- 6.50 Sandstone gulch, 80 ft. deep, drains SW.
- 12.46 To point "B" of triangulation on N. rim of gulch, bears NE. and SW.
- To avoid high ledges on line to the N. of this point, I offset as follows.
- East, 2.40 chs. dist.; thence N. 0°01' W. giving distances to topography on offset line.
- 22.40 Top of abrupt descent over high ledges, bears E. and W.
- 30.00 Base of abrupt descent, bears E. and W.; thence descend gradual N. slope.
- 37.00 Offset West, 2.40 chs. dist. to true line, thence on true line.
- 40.00 On surface rock, 300 ft. below the sec. cor.; mark a cross (X), over which:
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 |
 S11 | S12
 |
 1926

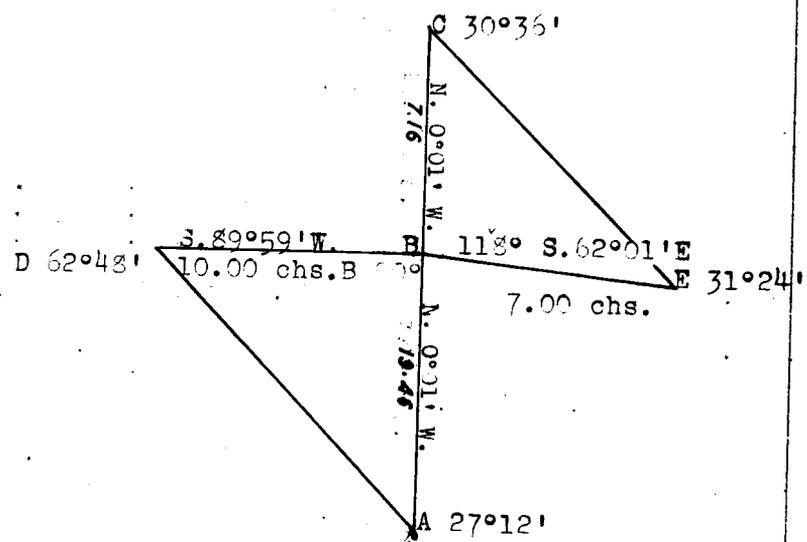
No other suitable accessories available.

- 43.84 The top of abrupt descent over inaccessible NE. breaks of the Piute Mesa, bears NW. and SE. over which I am unable to chain, I therefore triangulate to the base of breaks

Subdivision, T. 41 S., R. 11 E.

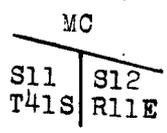
Chains

which is also the mean high water mark of the San Juan River, on left bank, and also to the mean high water mark on right bank of river, as follows: Erect flag "A" at this point, flag "B" on left bank of river and flag "C" on right bank of river. From flag "B" measure base lines, "BD", S. 89°59' W., 10.00 chs. dist. and "BE", S. 62°01' E., 7.00 chs. dist. From flag "A", flags "BD" subtend an angle of 27°12'. From "E", flags "BC" subtend an angle of 31°24'. vertical angle "A" to "B" is minus 33°



Distance on line	43.84 chs.
Distance by triangulation "A" to "B"	19.46 chs.
Distance by triangulation "B" to "C"	7.16 chs.
	<u>70.46 chs.</u>

63.30 To point "B" of triangulation on left bank of San Juan River, 840 ft. below the 1/4 sec. cor., bears NW. and SE. At this point at mean high water mark. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 11 and 12, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. thence, across river by triangulation, which is a stream, about 4.00 chs. wide, 4 ft. deep, flows NW.

70.46

To point "C" of triangulation at mean high water mark of

Chains

the right bank of the San Juan River, bears NW. and SE.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for meander cor. secs. 11 and 12, with
 brass cap marked

T41S	R11E
S11	S12

MC

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Thence, ascend abrupt S. slope of broken N. breaks of
 river.

79.39 As the true point for the cor. secs. 1, 2, 11 and 12,
 falls on steep face of ledge, where it is impractica-
 ble to set corner, therefore at this point, on sur-
 face rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 a mound of stone, for witness corner to corner secs.
 1, 2, 11 and 12, with brass cap marked

W C	
T41S	R11E
S2	S1
S11	S12

1926

No other suitable accessories available.

80.00 True point for the cor. secs. 1, 2, 11 and 12, falls
 on steep face of ledge, 230 ft. above river.

Land, broken breaks of the San Juan River, with a gen-
 eral northwesterly exposure and drainage.

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

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

Subdivision T. 41 S., R. 11 E.

enior

Chains

From the witness cor. to the cor. secs. 1, 2, 11 and 12, which is S.0°01'E. 61 links dist. from the true point for corner East, on offset random line, between secs. 1 and 12.

15.28 Offset N.0°01'W. 61 links dist. to true line, thence East, on true random line.

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

80.00 Intersect the E. bdy. of the township, at the corner secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 12 E.

Thence, West, on true line between secs. 1 and 12. Over broken SW. slope through scattered undergrowth.

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

$$\frac{S1}{S12}$$

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

64.72 Base of high ledge, over which I am unable to chain, bears NE. and SW., 60 links dist., thence W. To avoid ledge, I offset as follows: S.0°01'E., 61 links dist.; thence West, on offset line.

75.90 Base of high point from ledge, bears NW. and NE.

80.00 The W.C. to cor. secs. 1, 2, 11 and 12, thence Offset N.0°01'W. 61 links to the true point for the cor. secs. 1, 2, 11 and 12.

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

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

Undergrowth, scattered shadscale and blackbrush.

No timber.

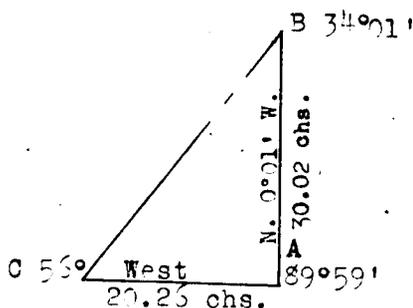
Fair grazing.

Chains

From the true point for the cor. secs. 1, 2, 11 and 12, which is N. 0°01' W., 61 lks. dist. from the witness cor. to said secs.

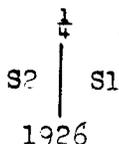
N. 0°01' W., on true line bet. secs. 1 and 2.

The line to the N. from this cor. point, passes over high inaccessible ledges through scattered undergrowth over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the true cor. point and flag "B" on line to the N. From flag "A", measure base line "AC", West., 20.26 chs. dist., from which point, flags "AB" subtend an angle of 56°.



Distance by triangulation 30.02 chs.

- 10.00 Approximate distance; high, narrow sandstone spur, projects SW.
- 20.00 Approximate distance; canyon, 20 ft. deep, drains SW.
- 30.02 To point "B" of triangulation at top of N. rim of canyon, 180 ft. above true point for sec. cor., bears NE. and SW.; thence by chaining over broken SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 14 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

- 51.57 Base of high sandstone butte over which I am unable to chain; to avoid butte I offset and traverse as follows.

Subdivision, T. 41 S., R. 11 E.

Chains

West, 6.16 chs. dist.
 N. 0°01' W., 2.87 chs. dist.
 N. 20° W., 4.49 chs. dist.
 N. 28° E., 16.40 chs. dist.
 West, 1 lk. dist. to :

73.14 Point on true line; thence N. 0°01' W. on true line.
 79.78 Intersect the Eight Standard Parallel South, East, 29.74
 chs. dist. from the true point for the standard cor.
 secs. 35 and 36, heretofore described, and which is
 South, 66 lks. dist. from the witness cor. to said
 secs.

At point of intersection; on surfacerock, mark a cross
 (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
 mound of stone, for closing cor. secs. 1 and 2, with
 brass cap marked.

T40S R11E	
S36	

S2	S1
T41S	R11E
C	C

1926

No other suitable accessories available.
 Land, broken ledges with a general westerly exposure and
 drainage.
 Soil, shallow loose sand and clay; 3rd rate.
 Undergrowth, scattered shadscale and blackbrush.
 No timber.
 Fair grazing.

From the cor. secs. 2, 3, 34 and 35, on the S. bdy. of
 the township, which is an iron post, 2 ins. diam.,
 with brass cap, set, marked and witnessed as described
 in the finished notes of the survey T. 42 S., R. 11 E.
 N. 0°01' W., bet. secs. 34 and 35.

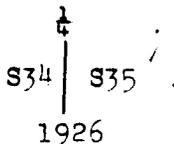
Onains

Over broken NW. slope of bench land through scattered undergrowth.

40.00

On NE. slope of bench land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

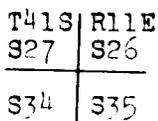
45.90

Draw, 340 ft. below sec. cor., drains NW.; continue over broken NW. slope.

80.00

On broken SW. slope, 80 ft. below draw.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for cor. secs. 26, 27, 34 and 35, with brass cap marked.



1926

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

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

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

Undergrowth, scattered shadscale, mountain rush and yellow top.

No timber.

Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains	
	East, on random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the N. and S. line, 16 lks. S. of the cor. secs. 25, 26, 35 and 36.
	Thence,
	S. $89^{\circ}53'$ W., on true line bet. secs. 26 and 35.
	Over broken NW. slope of bench land through scattered undergrowth.
24.10	The NE. rim of deep box canyon, bears NW. and SE.; descend abruptly over ledges to bottom of canyon.
26.20	Bottom of box canyon, 150 ft. deep, drains NW.; ascend abrupt SE. slope over ledges.
31.20	Top of SW. rim of canyon, bears NW. and SE.
40.00	On broken bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S26 \\ \frac{1}{4} \\ \hline S35 \\ 1926 \end{array}$
	Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
80.00	The cor. secs. 26, 27, 34 and 35.
	Land, broken, with a general northwesterly exposure and drainage.
	Soil, shallow loose sand and clay; 3rd rate.
	Undergrowth, scattered shadscale, yellow top, and black-brush.
	No timber.
	Fair grazing.

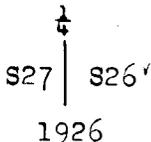
Chains

N. 0°01' W., bet. secs. 26 and 27.

Descend gradually over broken NW. slope of bench land through scattered undergrowth.

40.00 On rocky N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.; with Brass cap marked.



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

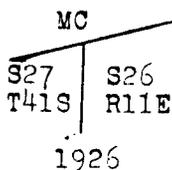
No other suitable accessories available.

43.20 Wash, 20 lks. wide, 4 ft. deep, from canyon to the SE., 120 ft. below the sec. cor., drains NW.; gradually descend, over bottom lands of the San Juan River.

43.40 Indian corral and hogan, bears East, about 2.00 chs. dist.

54.20 The mean high water mark of the left bank of the San Juan River, 130 ft. below bottom of canyon, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for meander cor. secs. 26 and 27, with brass cap marked.



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

No other suitable accessories available.

The river at this point is a stream about 5.00 chs. wide, 4 ft. deep, which flows in a southwesterly direction.

Thence, by triangulation across river, as follows.

Erect flag "A" at the meander cor. and flag "B" on line to the N. From flag "A", measure base line "AC", N. 89°59' E., 7.70 chs. dist. from which point, flags "AB" subtend an angle of 66°48'.

Subdivision, T. 41 S., R. 11 E.

Chains

B 23°12'

N. 0°01' W.
17.97 chs.

A 90° N. 89°59' E. C 66.048'
7.70 chs.

Distance on line 54.20 chs.
Distance by triangulation 17.97 chs.
72.17 chs.

72.17 To point "B" of triangulation on sand bar in river bottom, bears NE. and SW.; thence by chaining across sand bar.

30.00 True point for the cor. secs. 22, 23, 26 and 27, falls on sand bar, where it is impossible to set a permanent cor. Set temporary point.

Land, broken benches and rolling bottom lands of the San Juan River.

Soil, shallow and deep loose sand; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and yellow top.

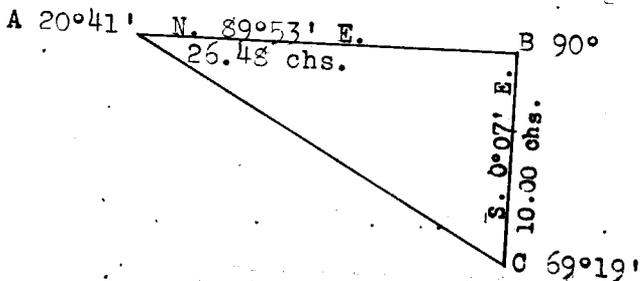
No timber.

Fair grazing.

From the true point for the cor. secs. 22, 23, 26 and 27. N. 39°53' E., on random line bet. secs. 23 and 26.

The line to the E. of this cor. point crosses the San Juan River, I therefore triangulate across river as follows.

Erect flag "A" at the point for cor. secs. 22, 23, 26 and 27, and flag "B" on line to the E. From flag "B", measure base line "BC", S. 0°07' E., 10.00 chs. dist., from which point, flags "AB", subtend an angle of 69°19'.

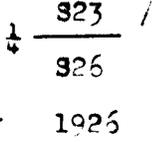


Distance by triangulation 26.48 chs.
 Distance by return measurement 0.57 chs.
 25.91 chs.

- 25.91 Set temp. meander cor. secs. 23 and 26.
- 26.48 To point B of triangulation.
- 45.90 Set temp. $\frac{1}{4}$ sec. cor.
- 50.06 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 23, 24, 25 and 26.

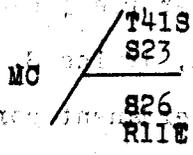
Thence,
 S. 89°52' W., on true line bet. secs. 23 and 26.
 Over broken SW. slope of bench land through scattered undergrowth.

- 22.30 Wash, 10 lks. wide, 20 ft. deep, drains NW.
- 40.03 On gradual W. slope, 300 ft. below sec. cor.:
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).
 No other suitable accessories available.

- 47.00 Enter bottom lands of the San Juan River, bears NE. and SW.
- 54.15 The mean high water mark of the left bank of the San Juan River, bears NE. and SW.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 23 and 26, with brass cap marked.



Deposit a sandstone, 10 x 8 x 8 ins., at base of post, marked with a cross (X).

Chains

and

No other suitable accessories available.

Thence across river by triangulation.

River at this point is a stream about 5 chains wide, 4 ft. deep, which flows in a southwesterly direction.

80.06 To point "A" of triangulation at the point for the cor. secs. 22, 23, 26 and 27.

Land, broken and rolling bottom lands of the San Juan River.

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

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

No timber.

Fair grazing.

From the true point for the cor. secs. 22, 23, 26 and 27.

N. 0°01' W., bet. secs. 22 and 23.

Over sand bar of the San Juan River.

9.90 The mean high water mark of the right bank of river, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 22 and 23, with brass cap marked.

T41S | R11E
S22 | S23

VC

1926

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

Thence over rolling bottom lands of river through scattered undergrowth.

13.10 Leave bottom lands and ascend SE. slope, bears NE. and SW.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on sloping bank of small wash, drains S. 10° E., where it is impracticable to set a permanent cor.

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

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

Chains

mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 22 and 23, with brass cap marked.



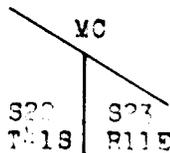
1926

No other suitable accessories available.

Thence across gradual E. slope of bench.

70.99 The mean high water mark of the right bank of the San Juan River, bears NW. and SE.; on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 22 and 23, with brass cap marked.



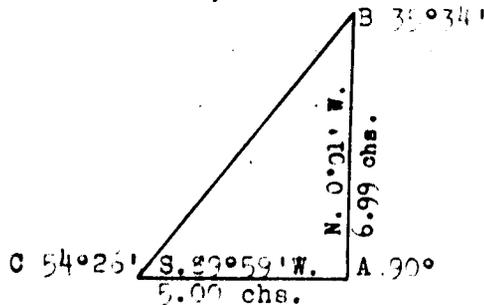
1926

No other accessories available.

The river at this point is a stream about 4.00 chs. wide which flows in a southeasterly direction.

Thence across river by triangulation as follows.

Erect flag "A" at the meander cor. and flag "B" on line to the N. From flag "A", measure base line "AC", S. $39^{\circ}59'$ W., 5.00 chs. dist., from which point, flags "AB" subtend an angle of $54^{\circ}26'$.

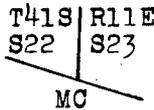


Distance on line	70.99 chs.
Distance by triangulation	6.99 chs.
	<u>77.98 chs.</u>

77.98 To point "B" of triangulation at the mean high water mark of the left Bank of San Juan River, bears NW. and SE. Mark a cross (X) on the surfacerock, over which:

Subdivision, T. 41 S., R. 11 E.

Chains Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 22 and 23, with brass cap marked.



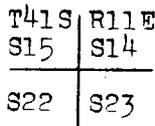
1926

No other suitable accessories available.

Fence, across bottom lands of river.

80.00 On bottom land of river.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 14, 15, 22 and 23, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken benches and rolling bottom lands of the San Juan River.

Soil, shallow and deep blue clay and sand; 3rd rate. Undergrowth, scattered sage, rabbit, black and willow brush, and shadscale and yellow top.

No timber.

Fair grazing.

N. 89°52' E., on random line bet. secs. 14 and 23.

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

79.96 Intersect the N. and S. line, 9 lks. S. of the cor. secs. 13, 14, 23 and 24.

Fence,

S. 89°48' W., on true line bet. secs. 14 and 23.

Over broken SW. slope of bench land through scattered undergrowth.

26.00 Draw, 140 ft. below cor., drains SW.; continue gradual descent.

39.98 On broken SW. slope, 60 ft. below draw.

chains

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14
 $\frac{1}{4}$ —————
S23

1926

Deposit a sandstone, 9 x 9 x 8 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

51.00 Enter bottom lands of the San Juan River, bears N. and S.; thence through dense undergrowth of grease-wood and rabbit brush.

52.50 Wash, 30 lks. wide, 2 ft. deep, drains SW.

79.96 The cor. secs. 14, 15, 22 and 23, 300 ft. below the $\frac{1}{4}$ sec. cor.

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

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

Undergrowth, scattered shadscale and blackbrush on E. portion of mile; dense grease-wood and rabbitbrush on bottom lands of river.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

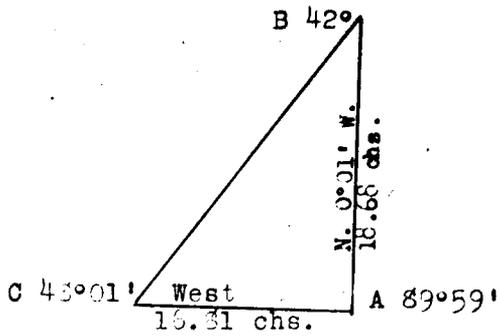
Ascend abrupt SW. slope of inaccessible E. breaks of San Juan River, through scattered undergrowth.

The inaccessible breaks of river make chaining to the N. of the cor. secs. 14, 15, 22 and 23, impracticable, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N., from flag "A", measure base line "AC", West, 16.81 chs. dist., from which point, flags "AB" subtend an angle of 48°01'.

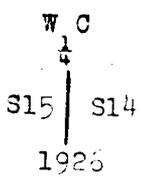
Vertical angle "A" to "B" is plus 28°30'.

Subdivision, T. 41 S., R. 11 E.

Chains

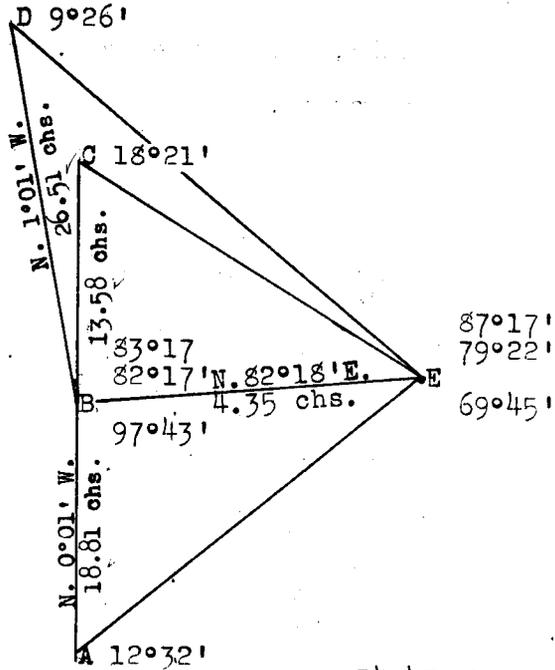


- 18.68 Distance by triangulation 13.63 chs.
- 18.68 To point "B" of triangulation at top of W. rim of the Piute Mesa and E. breaks of the San Juan River, bears N. 20° W. and S. 20° E., 600 ft. above cor.; thence along broken W. rim of mesa.
- 34.45 As the true point for the 1/4 sec. cor. falls on vertical face of ledge where it is impracticable to set cor., at this point, on surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor. secs. 14 and 15, with brass cap marked:



No other suitable accessories available.
The line to the N. of this cor. passes over inaccessible W. breaks of mesa over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the N. and flag "B" to the N. at a point 54 lks. W. of true line. From "B", measure base line "BE", N. 32°18' E., 4.35 chs. dist., from which point, "AB" subtends an angle of 69°45'; "BC" subtends an angle of 79°22', and "BD" subtends an angle of 87°17'. Impassible ledges make it impossible to obtain a longer base line. Vertical angle "A" to "B" is minus 27°30'. Vertical angle "B" to "D" is plus 23°30'.

Chains



Distance on line	34.45 chs.
Distance by triangulation "A" to "B"	18.81 chs.
Total distance on line	<u>53.26 chs.</u>
Distance by triangulation "B" to "C"	13.58 chs.
Total distance on line	<u>66.84 chs.</u>
Distance on line to "B"	53.26 chs.
Distance by triangulation "B" to "D"	<u>26.51 chs.</u>
	79.77 chs. or to

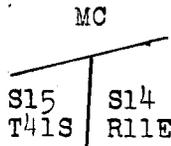
a point 54 lks. W. of true line.

40.00
53.26

Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges. To point "B" of triangulation at mean high water mark

of the left bank of the San Juan River, bears NE. and SW., 660 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 14 and 15, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. River at this point is stream about 4.00 chs. wide and 4 ft. deep, which flows in a southwesterly direction.

Thence across river by triangulation.

66.84

To point "C" of triangulation at mean high water mark of the right bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Subdivision, T. 41 S., R. 11 E.

Chains

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ground, for meander cor. secs. 14 and 15, with brass cap marked.

T41S	R11E
S15	S14

.MC

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. The inaccessible W. breaks of river make it impossible to project my line N. from this point, I therefore return to point "B" of triangulation; thence N. 1°01' W. by triangulation.

79.77 To point "D" of triangulation and a point 54 lks. W. of true line. High ledges make it impossible to reach true line from this point, I therefore offset as follows.

East, 15 lks. dist.

N. 0°01' W., 23 lks. dist. to:

80.00 Point 39 lks. N. 89°49' W. of the true point for the cor. secs. 10, 11, 14 and 15, in broken W. breaks of San Juan River, 760 ft. above river.

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

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 10, 11, 14 and 15, with brass cap marked.

T41S	R11E	
S10	S11	
		WC
S15	S14	

1926

No other suitable accessories available.

Land, broken, E. and W. breaks of the San Juan River.

Soil, shallow loose sand in the depressions of the sandstone; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

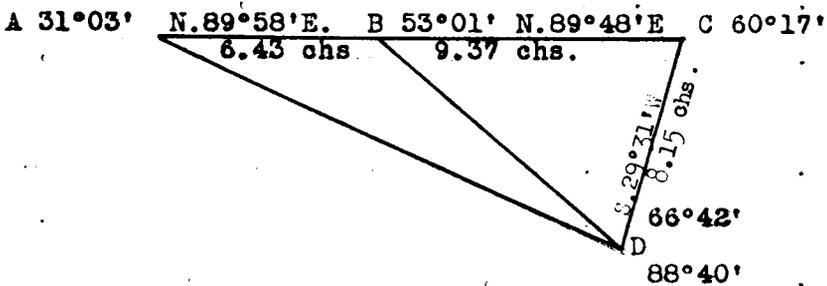
Fair grazing.

Chains

From the witness cor. to cor. secs. 10, 11, 14 and 15, which is N. 89° 49' W. 39 links distant from the true point for corner.

N. 89° 48' E., on random line between secs. 11 and 14.

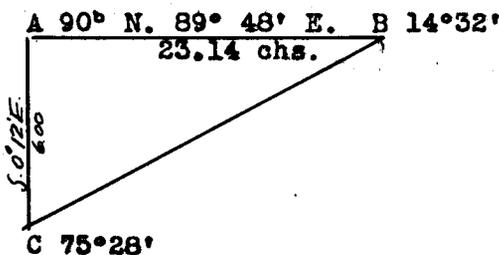
The line to the E. of this cor. passes over the inaccessible W. breaks of the San Juan River and also crosses river, I therefore triangulate as follows: Erect flag "A" at the witness cor. and flags "B" and "C" on line E. From flag "C", measure base line "CD", S. 29° 31' W., 8.15 chs. dist., from which point, flags "AC" subtend an angle of 88° 40', and flags "BC" subtend an angle of 66° 42'. Vertical angle "A" to "B" is minus 26° 15'.



Distance by triangulation "A" to "B"	6.43 chs.
Distance by triangulation "B" to "C"	9.37 chs.
	<u>15.80 chs.</u>

- 6.04 Distance counted from true cor. point: Set temp. meander cor. at point "B" of triangulation.
- 15.41 Distance counted from true cor. point: Set temp. meander cor. at point "C" of triangulation.
- 15.60 Distance counted from true cor. point; triangulate as follows over inaccessible E. breaks of river.

Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line "AC", S. 0° 12' E. 6.00 chs. dist., from which point, flags "AB" subtend an angle of 75° 28'. Vertical angle "A" to "B" is plus 27°.



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Chains

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Distance on line from true point for the cor. secs. 10, 11, 14 and 15	15.60 chs.
Distance by triangulation.	23.14 chs.
	<u>38.74 chs.</u>

38.74 To point "B" of triangulation.

40.00 Set temp. $\frac{1}{2}$ sec. cor.79.96 Intersect the N. and S. line, 3 links S. of the cor.
secs. 11, 12, 13 and 14.

Thence

S. 89° 47' W., on true line between secs. 11 and 14.

Ascend abruptly over top of sandstone dome through
scattered undergrowth.9.50 Top of elongated dome, 110 ft. above cor., bears NE.
and SW.; descend abrupt NW. slope of dome.

18.90 The E. rim of deep rocky draw, bears NE. and SW.

23.60 Bottom of draw, 180 ft. below top of dome, drains SW.;
ascend abrupt SE. slope.27.40 Top of W. rim of draw, 80 ft. above bottom, bears NE.
and SW.; thence over broken top of mesa.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap
marked

S11

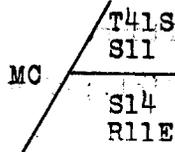
S14

1926

No other suitable accessories available.

41.22 Top of E. breaks of the San Juan River, bears NE. and SW.;
thence by triangulation over inaccessible ledges,64.55 Mean high water mark of the left bank of the San Juan
River, 780 ft. below top of E. breaks, bears NE.
and SW.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for meander cor. secs. 11 and 14, with
brass cap marked

Chains

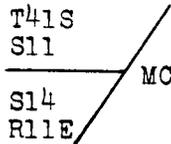


1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence across river by triangulation, which is a stream, about 4.50 chs. wide, and 4 ft. deep, which flows in a southwesterly direction.

73.92 **The mean high water mark of the right bank of the San Juan River, bears NE. and SW:**

Set an iron post, 3 ft. long, 1 in. dian., 30 ins. in the ground, for meander cor. secs. 11 and 14, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence, by triangulation over inaccessible W. breaks of River.

79.96 The true point for the cor. secs. 10, 11, 14 and 15.

80.35 The witness cor. to the cor. secs. 10, 11, 14 and 15, and point "A" of triangulation, 220 ft. above river.

Land, broken E. and W. breaks of the San Juan River.

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

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

From the true point for the cor. secs. 10, 11, 14 and 15, which is **S89°49'E**. 39 lks. dist. from the witness cor. to said secs.

N. 0°01' W., bet. secs. 10 and 11.

The line to the N. of this cor. point, passes over inaccessible rim of W. breaks of river. To avoid rim,

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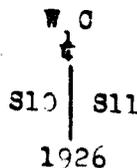
I offset as follows.

West, 3.30 chs. dist.; thence, N. 0°01' W. on offset line to:

16.78 Offset East, 3.30 chs. dist. to true line, thence on true line over broken top of mesa.

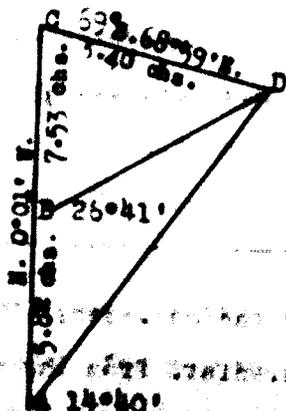
35.24 Top of rim of S. breaks of the San Juan River, bears NW. and SE. As the true point for the 1/4 sec. cor. falls on inaccessible ledges where it is impossible to reach to the cor. point, therefore at this point, on surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor. secs. 10 and 11, with brass cap marked.



No other suitable accessories available.

To determine the distance over ledges and across the San Juan River, I triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the N. From flag "C", measure base line "CD", S. 68°59' E. 3.40 chs. dist., from which point, flags "BC" subtend an angle of 34°19', and flags "AC" subtend an angle of 95°20'. Vertical angle "A" to "C" is minus 30°.



34°19' ...
95°20' ...

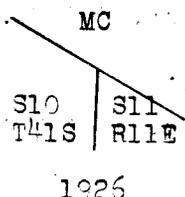
Chains

Distance on line 35.24 chs.
 Distance by triangulation "A" to "B" 5.82 chs.
~~41.06 chs.~~
 Distance by triangulation "B" to "C" 7.53 chs.
~~48.59 chs.~~

40.00 True point for the $\frac{1}{4}$ sec. cor., falls in inaccessible breaks of the San Juan River, where it is impracticable to reach the cor. point.

41.06 To point "B" of triangulation on right bank of the San Juan River, 320 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., bears NW. and SE.

On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 10 and 11, with brass cap marked.

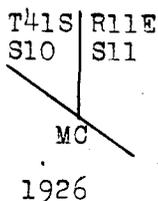


No other suitable accessories available.

Thence, by triangulation across river, which is a stream about 4.50 chs. wide, 4 ft. deep, which flows in a southeasterly direction.

48.59 To point "C" of triangulation on left bank of the San Juan River, bears NW. and SE.

On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 10 and 11, with brass cap marked.



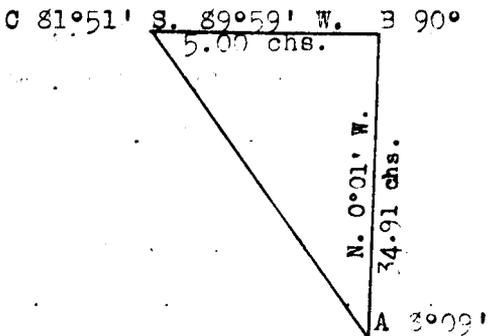
No other suitable accessories available.

From this cor., the inaccessible N. breaks of river make chaining impracticable, I therefore triangulate as follows. Erect flag "A" at the witness cor. to the $\frac{1}{4}$ sec. cor., and flag "B" on line to the N. From flag

Subdivision, T. 41 S.; R. 11 E.

Chains

"B", measure base line "BC", S. 89°59' W., 5.00 chs. dist.; from which point, flags "AB" subtend an angle of 81°51'.



Distance on line 35.24 chs.
 Distance by triangulation 34.91 chs.
 70.15 chs.

70.15 To point "B" of triangulation at top of N. breaks of the San Juan River, 300 ft. above river, bears N. 60° W. and S. 60° E.

From this point, a high inaccessible sandstone butte makes chaining on line to the N. impracticable, I therefore offset as follows.

West, 5.27 chs. dist.; thence, N. 0°01' W., on offset line to:

80.00 Offset East, 5.27 chs. dist. to point on true line.

On surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. dian., 30 ins. in a mound of stone, for cor. secs. 2, 3, 10 and 11, with brass cap marked.

T41S	R11E
S3	S2
S10	S11
1926	

No other suitable accessories available.

Land, broken N. and S. breaks of the San Juan River.

Soil, shallow loose sand and clay in the depressions of the sandstone; 3rd rate.

Undergrowth, scattered shadscale and black brush.

No timber.

Fair grazing.

Chains

N. 89°47' E., on random line bet. secs. 2 and 11.
 High sandstone buttes make chaining to the E. of cor. secs.

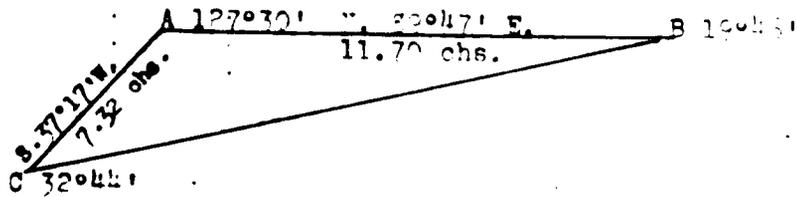
2, 3, 10 and 11, impracticable, I therefore offset
 and traverse as follows.

South, 9.85 chs. dist.

N. 37° 30' E., 12.20 chs.

North, 20 lks. to:

7.43 Point on random line. From this point, inaccessible
 ledges and buttes make chaining impracticable, I
 therefore triangulate as follows. Erect flag "A" at
 this point and flag "B" on line to the E. From flag
 "A", measure base line "AC", S. 37°17' W., 7.32 chs.
 dist., from which point, flags "AB" subtend an angle of
 32°44'. Vertical angle "A" to "B" is plus 20°.

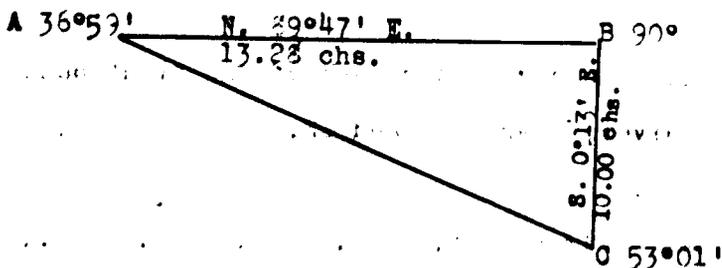


Distance on line 7.43 chs.
 Distance by triangulation 11.70 chs.
 10.13 chs.

19:13 To point "B" of triangulation .

30.00 Set temp. witness cor. to the 1/4 sec. cor.

38.55 The W. breaks of San Juan River, make chaining to the E.
 of this point impracticable, I therefore triangulate
 as follows. Erect flag "A" at this point and flag "B"
 on line to the E. From flag "B", measure base line
 "BC", S. 0°13' E., 10.00 chs. dist., from which point,
 flags "AB" subtend an angle of 53°01'. Vertical angle
 "A" to "B" is minus 52°.



Subdivision, T. 41 S., R. 11 E.

Chains

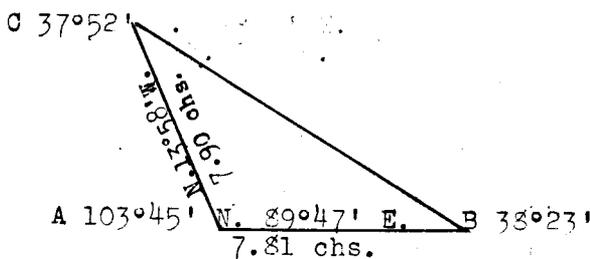
antsd0

Distance on line	38.55 chs.
Distance by triangulation	<u>13.28 chs.</u>
	51.83 chs.

51.83 To point "B" of triangulation: Set temp. meander cor. on left bank San Juan River.

Thence, across river by triangulation as follows.

Erect flag "A" at this point and flag "B" on line across river. From flag "A", measure base line "AC", N. 13°58' W., 7.90 chs. dist., from which point, flags "AB" subtend an angle of 37°52'.



Distance on line	51.83 chs.
Distance by triangulation	<u>7.81 chs.</u>
	59.64 chs.

59.64 To point "B" of triangulation on right bank of San Juan River. Set temp meander cor.

79.90 Intersect the N. and S. line, 14 lks. N. of the true point for the cor. secs. 1, 2, 11 and 12, which is 61 lks. N. 0°01' W. of the witness cor. to the cor. said secs.

Thence,

From the true point for the cor. secs. 1, 2, 11 and 12.

S. 89°53' W., on true line bet. secs. 2 and 11.

Descend abruptly over broken SW. slope through scattered undergrowth,

16.60 Enter bottom lands of the San Juan River, 470 ft. below cor. point, bears N. and SE.; thence over bottom lands of San Juan River through dense willow undergrowth.

20.26 The mean high water mark of the right bank San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 2 and 11, with brass cap marked.

Chains

ence ; WE hrs. NW raised , from ~~T41S~~ S2
 .Koonly to arise NW ~~MC~~ S11
 raised , edid of inaccessible to ~~R11E~~ R11E

28.07 Raise a mound of stone, 5 ft. base, 2 ft. high, E. of cor.
 Thence across river by triangulation, which at this
 point, is a stream about 15.00 chs. wide, 4 ft. deep,
 which flows in a northwesterly direction.

28.07 The mean high water mark of the left bank of San Juan
 River, bears NW. and SE.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
 the ground, for meander cor. secs. 2 and 11, with
 brass cap marked.

~~T41S~~
~~S2~~
~~MC~~
~~S11~~
~~R11E~~

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Continue by triangulation over inaccessible W. breaks.

39.95 True point for the $\frac{1}{2}$ sec. cor. falls in inaccessible
 breaks.

41.35 Top of W. breaks of river, 1130 ft. above river,
 bears NW. and SE.; thence by chaining over broken
 surface rock.

49.90 On surface rock, 120 ft. below top of breaks, mark a
 witness cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 a mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor.
 secs. 2 and 11, with brass cap marked

S2
 $\frac{1}{2}$ WC
 S11

1926

No other suitable accessories available.

55.90 Sandstone spur, 40 feet below the witness cor. to the
 $\frac{1}{2}$ sec. cor. projects SW.; descend abrupt NW. slope.

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Chains

chains

60.77 Top of inaccessible rimrock, bears NE. and SW.; thence by triangulation over broken NW. breaks of rimrock.

72.47 Point of offset, at base of inaccessible butte, bears NE. and SW., 280 feet below rimrock. Thence by offset and traverse along S. base of butte, as follows:

South, 20 links dist.

S. 37° 30' W. 12.20 chains dist.

North, 9.85 chains dist. to:

79.90 The Cor. secs. 2, 3, 10 and 11.

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

Soil, shallow loose sand and clay in the depressions of the sandstone; 3rd rate.

Undergrowth, scattered shadscale and blackbrush. Dense greasewood and willows along bottom lands of the San Juan River.

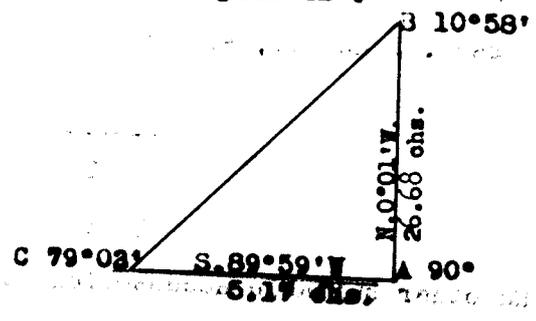
No timber.

Fair grazing.

N. 0° 01' W., between secs. 2 and 3.

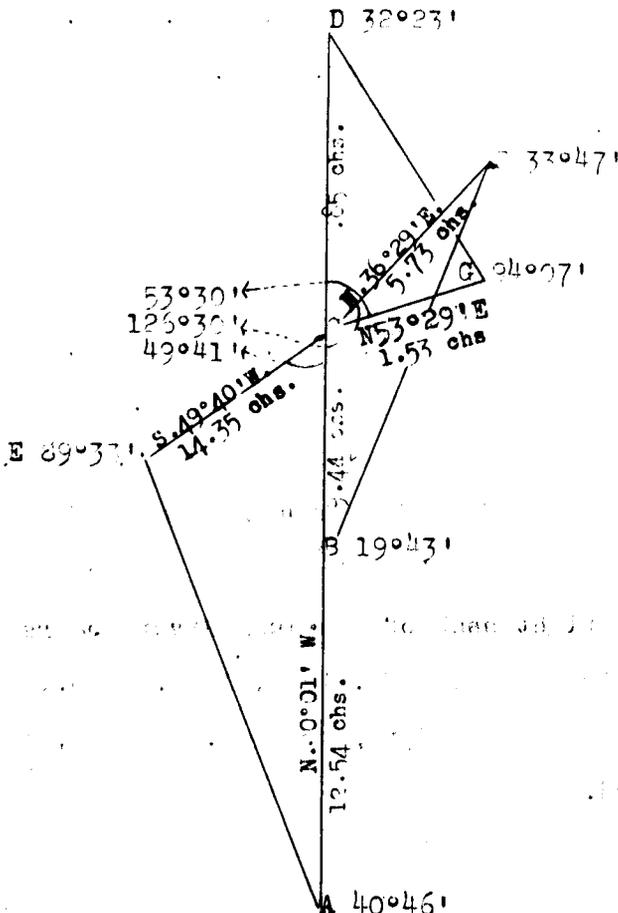
Line passes over inaccessible SE. slope of high butte, and through scattered undergrowth. To determine the distance to top of butte, I triangulate as follows:

Erect flag "A" at the cor. secs. 2, 3, 10, and 11, and flag "B" on line to the N. From flag "A" measure base line "AC", S. 89° 59' W., 5.17 chs. dist., from which point, flags "AB" subtend an angle of 79° 02'. Vertical angle "A" to "B" is plus 11°.



Chains

- . Distance by triangulation 26.68 chs.
- 7.00 Small draw, drains SW.
- 26.68 To point "B" of triangulation; thence by chaining.
- 28.45 Point on top of high butte, 350 ft. above cor., bears NE. and SW. for about 20 chs. dist.; thence descend abrupt NW. slope of butte.
- 32.13 Top of inaccessible S. breaks of the San Juan River, bears NW. and SE., I therefore determine the distance to the right and left banks of river, and also to the top of N. breaks by triangulation as follows. Erect flag "A" at this point, and flags "B", "C", and "D" on line to the N. From "C", measure base lines; "CE", S. 49°40' W., 14.35 chs., "CF", N. 36°29' E., 5.73 chs., and "CG", N. 53°29' E., 1.53 chs. dist. From "E", "AC" subtends an angle of 89°33'. From "F", "BC" subtends an angle of 33°47'. From "G", "CD" subtends an angle of 94°07'. Vertical angle "A" to "C" is minus 27°, "B" to "C" is level and "C" to "D" is level.



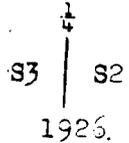
Subdivision, T. 41 S., R. 11 E.

Chains

chained

Distance on line	32.15 chs.
Distance by triangulation "A" to "C"	21.98 chs.
Distance on line to "C"	<u>54.11 chs.</u>
Distance by triangulation "C" to "B"	9.44 chs.
Distance on line to "B"	<u>44.67 chs.</u>
Distance by return measurement	4.67 chs.
	<u>49.00 chs.</u>
Distance on line to "C"	54.11 chs.
Distance by triangulation "C" to "D"	2.85 chs.
Distance on line to "D"	<u>56.95 chs.</u>

40.00 At S. side of bottom lands of the San Juan River, on surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

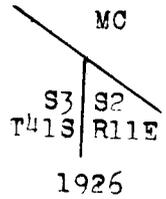


No other suitable accessories available.

Thence over bottom lands of river.

44.57 To point "B" of triangulation on left bank of the San Juan River, 750 ft. below top of breaks, bears NW. and SE.

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



Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Thence across river by triangulation.

River at this point is stream about 5.00 chs. wide, 4 ft. deep, which flows in a southwesterly direction.

54.11 To point "C" of triangulation at the mean high water mark on right bank of San Juan River, bears NE. and SW.

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

Chains

T41S	R11E
S3	S2

MC

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence by triangulation of inaccessible N. breaks of
the San Juan River.

56.96 To point "D" of triangulation at top of sandstone rim,
bears NE. and SW. Thence by chaining; continue abrupt
ascent over broken breaks.

79.70 Intersect the Eight Standard Parallel South, East, 29.35
chs. dist. from the standard cor. secs. 34 and 35,
heretofore described.

At point of intersection, on surfacerock, 400 ft. above
river; mark a cross (X), over which:

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

T40S	R11E
S35	

S3	S2
T41S	R11E
C	C

1926

No other suitable accessories available.

Land, broken N. and S. breaks of the San Juan River,
with a general southerly and northerly exposure and
drainage.

Soil, shallow loose sand in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattered sage and black brush; dense
greasewood and willows along bottom lands of San Juan
River.

No timber.

Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains

ENTRHO

From the true point for the cor. secs. 3, 4, 33 and 34, on the S. bdy. of the township, and which is an iron post, 3 ft. long, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey of T. 42 S., R. 11 E.

N. 0°02' W., bet. secs. 33 and 34.

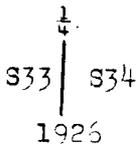
Descend gradual NE. slope of broken bench land through scattered undergrowth.

12.10 Wash, 20 lks. wide, 4 ft. deep, in bottom of canyon, 100 ft. below point for cor., drains NW.; thence over bottom of canyon,

15.90 Wash, 20 lks. wide, 4 ft. deep, on N. side of canyon, drains NW.; ascend gradual SW. slope.

40.00 At the head of wash, 20 lks. wide, 4 ft. deep, 100 ft. above canyon, drains NE.:

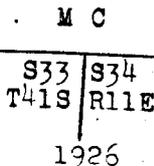
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence, descend gradual N. slope.

57.93 The mean high water mark of the left bank of the San Juan River, 100 ft. below the 1/4 sec. cor., bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 33 and 34, with brass cap marked.



Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

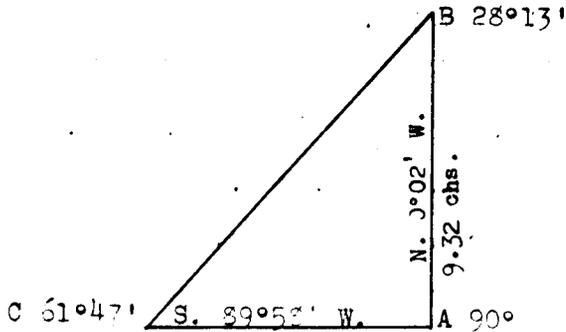
No other suitable accessories available.

Thence, across river by triangulation, which at this

Chains

point, is a stream, about 5.50 chs. wide, 3 ft. deep, and flows in a westerly direction.

Erect flag "A" at the meander cor. on left bank of river and flag "B" on line across river. From flag "A" measure base line "AC", S. 89°58' W., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 61°47'



67.25

Distance on line 57.93 chs. plus 9.32 chs. by triangulation: To point "B" of triangulation on the mean high water mark of the right bank of the San Juan River, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 33 and 34, with brass cap marked.

T41S	R11E
S33	S34

M C

1926

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X),

No other suitable accessories available.

Hence, by chaining over bottom lands of river.

80.00 At the base of abrupt W. slope, bears NW. and SE.; on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 27, 28, 33 and 34, with brass cap marked.

T41S	R11E
S28	S27

S33	S34
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1926

Subdivision, T. 41 S., R. 11 E.

Chains

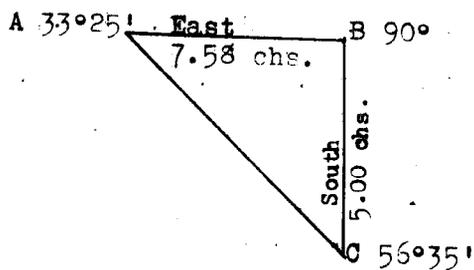
No other suitable accessories available.
 Land, broken bench land, with a general northerly and southerly exposure and drainage.
 Soil, shallow loose sand and clay; 3rd rate.
 Undergrowth, scattered sagebrush and shadscale.
 No timber.
 Fair grazing.

East, on random line bet. secs. 27 and 34.

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

42.86 Set temp. meander cor.

Thence, triangulate across the San Juan River, as follows.
 Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", South, 5.00 chains dist., from which point, flags "AB" subtend an angle of $56^{\circ}35'$.



Distance on line	42.86 chs.
Distance by triangulation	<u>7.58 chs.</u>
	50.44 chs.

50.44 To point "B" of triangulation; set temp. meander cor.

79.70 Intersect the cor. secs. 26, 27, 34 and 35.

Thence,

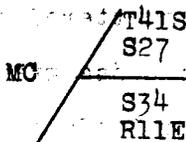
West, on true line bet. secs. 27 and 34.

Descend gradual NW. slope of broken bench land through scattered undergrowth.

13.40 Wash, 30 lks. wide, 4 ft. deep, drains NW.

29.26 The mean high water mark of the left bank of the San Juan River, 300 ft. below sec. cor., bears N. and SW. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 27 and 34, with brass cap marked.

Chains

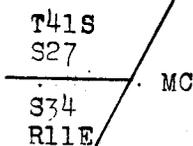


1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence, from this cor. which is point "B" of triangulation; cross the San Juan River by triangulation.

36.84 To point, "A", of triangulation at the mean high water mark of the right bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 27 and 34, with brass cap marked.

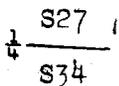


1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. River at this point is stream about 4.30 chs. wide and 4 ft. deep, which flows in a southwesterly direction. Thence by chaining; over bottom lands of river bed through dense undergrowth.

39.35 On bottom lands of river bed.

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.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Continue along bottom lands of river bed.

79.70 The cor. secs. 27, 28, 33 and 34.

Land, broken NW. slope of bench land, and bottom lands of the San Juan River bed.

Soil, deep sand and clay loam in bottom lands of river bed; 3rd rate. Shallow loose sand and clay on bench land, 4th rate.

Subdivision, T. 41 S., R. 112 E.

Chains

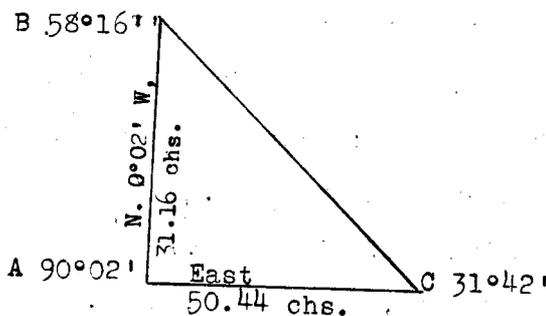
301280

Undergrowth, scattered shadscale and black brush on bench land; dense greasewood, willows and rabbit brush along bottom lands of river.

No timber.

Fair grazing.

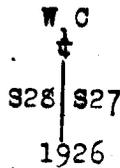
N. 0°02' W., bet. secs. 27 and 28.
 The line to the N. of the cor. secs. 27, 28, 33 and 34, passes over high inaccessible buttes and broken rimrock, through scattered undergrowth, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. Designate the meander cor. secs. 27 and 34, on left bank of the San Juan River "C" and which is East, 50.44 chs. dist. from the cor. secs. 27, 28, 33 and 34. From this meander cor., flags "AB", subtend an angle of 31°42'. Vertical angle "A" to "B" is plus 26°30'.



- 31.16 To point "B" of triangulation, at top of rimrock on N. breaks of San Juan River, 1030 ft. above cor., bears NE. and SW.; descend gradually over broken NW. slope.
- 38.25 Left point.
- 39.45 As the true point for the 1/4 sec. cor. falls on steep inaccessible face of surfacerock, where it is impracticable to reach the cor. point, therefore at this point, on surfacerock, mark a cross (X), over which
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor., secs. 27 and 28, with brass cap marked.

Subdivision, T. 41 S., R. 11 E.

Chains



No other suitable accessories available.

The line to the N. of this cor. passes over high ledges and buttes over which I am unable to chain, I therefore return to the 33.25 chs. point, and proceed by offsets and traverses as follows.

S. 59°58' W., 20.75 chs. dist.

N. 0°02' W., 13.07 chs. dist.

N. 35°30' E., 22.53 chs. dist.

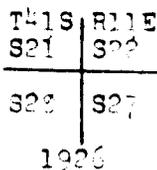
N. 32° E., 12.30 chs. dist.

East, 1.12 chs. dist.

South, 2 lks. dist. to:

20.00 True point for the cor. secs. 21, 22, 27 and 28, on surfacerock; mark a cross (X), over which:

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



No other suitable accessories available.

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

Soil, shallow loose sand and clay in the depressions of the sandstone; 3rd rate.

Undergrowth, scattered blackbrush, mountain rush, and amole.

No timber.

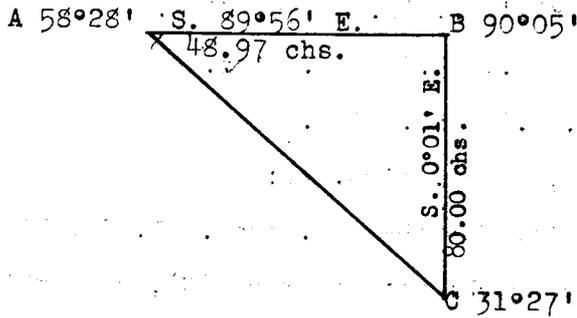
Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains

East, on random line bet. secs. 22 and 27.

30.89 The inaccessible W. breaks of the San Juan River make chaining impracticable, I therefore triangulate as follows. Erect flag "A" at this point, and flag "B" at the true point for cor. secs: 22, 23, 26 and 27, which is on a sand bar in the San Juan River. Erect flag "C" at the cor. of secs. 26, 27; 34 and 35, and from point flags "AB" subtend an angle of $31^{\circ}27'$. From flag "A" flag "B", or the true point for cor. secs. 22, 23, 26 and 27, bears S: $89^{\circ}56'$ E.



Distance on line	30.89 chs.
Distance by triangulation	48.97 chs.
Distance of mile	79.86 chs.
Distance by return measurement	39.93 chs.
	<u>39.93 chs.</u>

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

76.99 Set temp. meander cor.

79.86 To point "B" of triangulation and true point for the cor. secs. 22, 23, 26 and 27. On a sand bar on San Juan River.

The course of this mile therefore is, N. $89^{\circ}58'$ W., and the distance is 79.86 chs.

Thence,

From the point for the cor. secs. 22, 23, 26 and 27, which is S. $0^{\circ}01'$ E., 9.90 chs. dist. from the meander cor. secs. 22 and 23, on right bank of San Juan River.

N. $89^{\circ}58'$ W., on true line, bet. secs. 22 and 27.

Across sand bar of San Juan River.

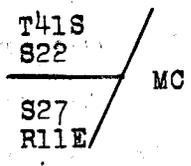
- 2.87 The mean high water mark of the right bank of San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for

Subdivision, T. 41 S., R. 11 E.

CHAINS

meander cor. secs. 22 and 27, with brass cap marked.



1926

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

No other suitable accessories available.

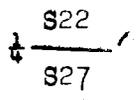
Thence, ascend abruptly over broken W. breaks of river.

26.00 Spur, 400 ft. above river, projects SE.; descend abrupt SW. slope of spur.

29.50 Base of descent, 70 ft. below spur, bears NW. and SE.; thence ascend abrupt E. slope over ledges.

39.93 At base of inaccessible rimrock, 270 ft. above base of ascent, bears N. and S.; on sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.



1926

No other suitable accessories available.

Thence, by triangulation over inaccessible rimrock.

48.97 Top of rimrock, bears NE. and SW. 770 feet above the 1/4 sec. corner.

Thence by chaining over broken NW. slope.

64.00 Top of sandstone spur, projects SW.; descend.

66.70 Wash, 30 lks. wide, 4 ft. deep, 220 ft. below rim, drains SW.; ascend gradual SE. slope.

79.86 The cor. secs. 21, 22, 27 and 28, 30 ft. above wash.

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

Soily, shallow loose sand and clay; 3rd rate.

Undergrowth, scattered Shatscale and blackbird.

No timber.

Fair grazing.

Subdivision, T. 14 S., R. 11 E.

Chains

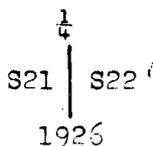
N. $0^{\circ}02'$ W., bet. secs. 21 and 22.

Ascend gradually over broken SW. slope through scattered undergrowth and timber.

15.00 Slope changes from SW. to NE.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



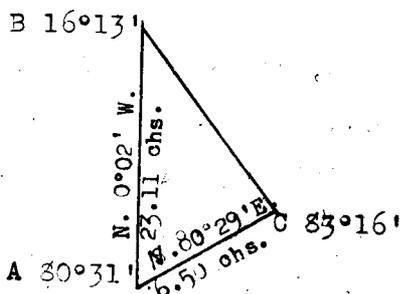
From which,

A juniper, 6 ins. diam., bears S. $80^{\circ}15'$ E., 62 lks. dist., marked BT.

A juniper, 6 ins. diam., bears S. $33^{\circ}30'$ W., 20 lks. dist., marked BT.

Trees too scrubby for other marks.

46.97 The S. rim of deep box canyon, bears E. and W., over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC" N. $80^{\circ}29'$ E., 6.50 chs. dist., from which point, flags "AB" subtend an angle of $83^{\circ}16'$.



Distance on line

Distance by triangulation

46.97 chs.

23.11 chs.

70.08 chs.

57.00 Approximate distance; bottom of box canyon, about 200 ft. deep, drains NE., heads about 15.00 chs. to the SW.

70.08 To point "B" of triangulation at top of N. rim of box canyon, bears NE. and SW.; descend gradual N. slope.

80.00 On gradual N. slope of surfacerock, 60 ft. below rim of canyon, mark a cross (X), over which:

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

T41S	R11E
S16	S15
S21	S22

1926

From which,

A juniper, 6 ins. diam., bears N. $14^{\circ}30'$ E., 124 lks. dist., marked BT.

A juniper, 6 ins. diam., bears S. 43° W., 165 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. $20^{\circ}30'$ W., 138 lks. dist., marked BT.

Trees too scrubby for other marks and no SE. bearing tree available.

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

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

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

Timber, scattered scrub juniper.

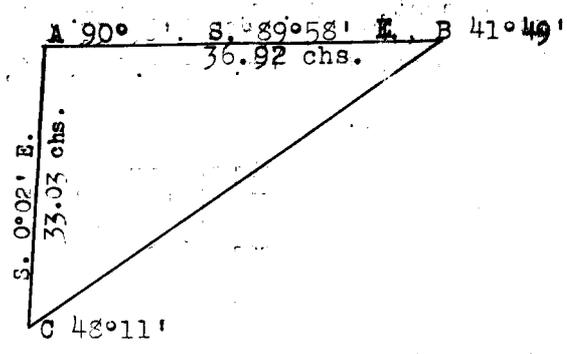
Fair grazing.

S. $89^{\circ}58'$ E., on random line bet. secs. 15 and 22.

The broken inaccessible breaks of box canyon, make chaining to the E. of this cor. impracticable, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 15, 16, 21 and 22, and flag "B" on line to the E. Designate the flag left at the 46.97 chs. point on line bet. secs. 21 and 22 "C", and from which point, flags "AB" subtend an angle of $48^{\circ}11'$. No vertical angle from flag "A" to flag "B".

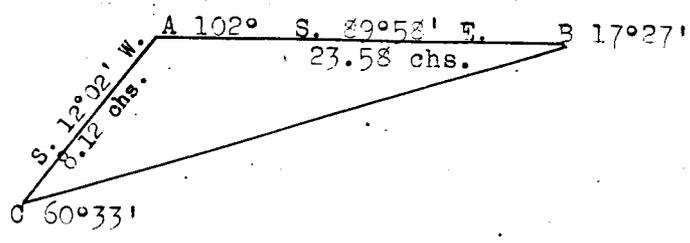
Subdivision, T. 41 S., R. 11 E.

Chains



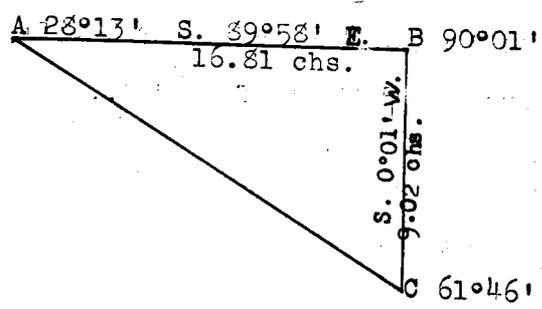
Distance by triangulation 36.92 chs.

- 36.92 To point "B" of triangulation, thence by chaining.
- 36.96 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.
- 39.42 The inaccessible W. breaks of San Juan River, make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line "AC", S. 12°02' W., 8.12 chs. dist., from which point, flags "AB" subtend an angle of 60°33'. Vertical angle "A" to "B" is minus 25°



Distance on line 39.42 chs.
 Distance by triangulation 23.58 chs.
 63.00 chs.

- 63.00 To point "B" of triangulation; set temp. meander cor. Thence triangulate across San Juan River as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", S. 0°01' W., 9.02 chs. dist., from which point, flags "AB" subtend an angle of 61°46'. No vertical angle from "A" to "B".



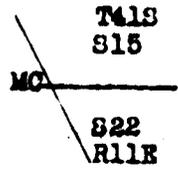
Chains

Distance on line	63.00 chs.
Distance by triangulation	16.81 chs.
	<hr/>
Distance by return measurement	79.81 chs.
	3.95 chs.
	<hr/>
	75.86 chs.

75.86 Set temp. meander cor. Thence by chaining.
 79.81 To point "A" of triangulation at a point 21 links N. of the cor. secs. 14, 15, 22 and 23.

Thence
 N. 89° 49' W. on true line between secs. 15 and 22.
 Over bottom lands of San Juan River through dense undergrowth.

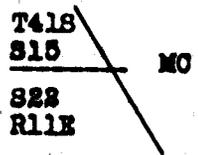
3.95 The mean high water mark of the left bank of the San Juan River, bears NW. and SE.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander corner of secs. 15 and 22, with brass cap marked



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Thence across river by triangulation.
 River at this point is a stream about 5.00 chs. wide, and 4 ft. deep, which flows in a southeasterly direction.

16.81 Mean high water mark of right bank of San Juan River, bears NW. and SE.
 Set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 15 and 22, with brass cap marked



1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Subdivision T. 41 S., R. 11 E.

Chains

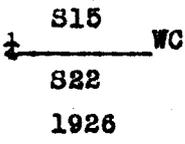
201250

Thence, by triangulation over inaccessible W. breaks of river.

39.905 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges where cor. point cannot be reached.

40.39 Top of rocky point, 730 ft. above river, projects NE. Thence, by chaining; descend over broken S. breaks of deep box canyon.

42.85 On surfacerock, mark a cross(X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. with brass cap marked



No other suitable accessories available.

42.89 Thence by triangulation across box canyon, giving approximate distances to topography.

60.00 Bottom of box canyon, 200 ft. deep, drains NE.; ascend abruptly over inaccessible NW. breaks of canyon.

72.83 Top of NW. breaks of canyon, 200 ft. above bottom, bears NE. and SW.; thence over broken bench land.

79.81 The cor. secs 15, 16, 21 and 22.

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

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

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

No timber.

Fair grazing.

N.0°02'W., between secs. 15 and 16.

Over broken NW. slope of mesa top through scattered undergrowth and timber.

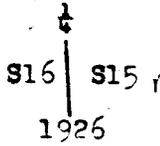
40.00 On surfacerock, 100 ft. below sec. cor; mark a cross (X), over which:

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

Subdivision, T. 41 S., R. 11 E.

Chains

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

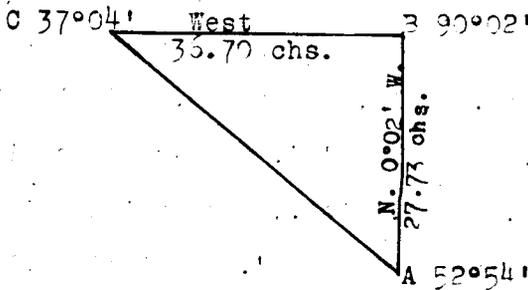
A juniper, 10 ins. diam., bears S. $10^{\circ}45'$ E., 60 lks. dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 8 ins. diam., bears S. $31^{\circ}30'$ W., 149 lks. dist., marked BT. Tree too scrubby for other marks.

44.70 Base of abrupt ascent over broken SE. slope of surfacerock bears SE. and NW.

52.36 Top of surfacerock and SE. rim of canyon, 200 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.

Inaccessible breaks of canyon make chaining to the N. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", West, 36.70 chs. dist., from which point, flags "AB" subtend an angle of $37^{\circ}04'$. Vertical angle "A" to "B" is minus 13° .



Distance on line	52.36 chs.
Distance by triangulation	<u>27.73 chs.</u>
	30.09 chs.
Distance by return measurement	<u>.09 chs.</u>
	30.00 chs.

75.00 Approximate distance; bottom of canyon, 500 ft. below top of SE. breaks, drains NE.; ascend abrupt broken NW. breaks of canyon.

80.00 In broken NW. breaks of canyon, 100 ft. above bottom. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 9, 10, 15 and 16, with brass cap marked.

Subdivision, T. 41 S., R. 11 E.

Chains

501200

T41S	R11E
S9	S10
S16	S15

1926

From which,

A juniper, 10 ins. diam., bears N. 75° E., 210 lks. dist., marked T41S R11E S10 BT.

A juniper, 14 ins. diam., bears S. 77° E., 420 lks. dist., marked T41S R11E S15 BT.

No other suitable bearing trees available.

Land, broken by ledges with a general northerly drainage.

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

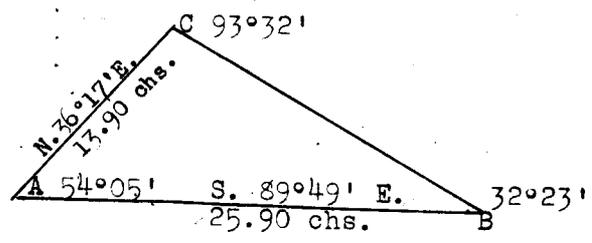
Undergrowth, scattered shadscale, mountain rush, yellow top, blackbrush and amole.

Timber, scattered juniper.

Fair grazing.

S. 89°49' E., on random line bet. secs. 10 and 15.

Breaks of box canyon make chaining impracticable to the E. of the cor. secs. 9, 10, 15 and 16, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 9, 10, 15 and 16, and flag "B" on line to the E. From flag "A", measure base line "AC", N. 36°17' E., 13.90 chs. dist., from which point, flags "AB" subtend an angle of 93°32'. Vertical angle "A" to "B" is plus 12°.



Distance by triangulation 25.90 chs.

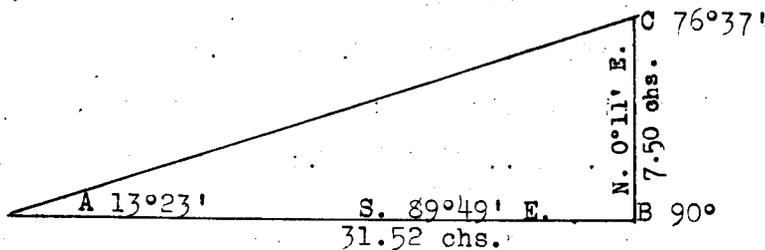
25.90 To point "B" of triangulation; thence by chaining.

40.00 Set temp. 1/4 sec. cor.

43.68 Broken ledges make chaining to the E. impracticable, I therefore triangulate as follows.

Chains

Erect flag "A" at this point and flag "B" on line to the E. from flag "B", measure base line "BC", N. 0°11' E., 7.50 chs. dist., from which point, flags "AB" subtend an angle of 76°37'. Vertical angle "A" to "B" is minus 12°.



Distance on line	43.68 chs.
Distance by triangulation	<u>31.52 chs.</u>
	75.20 chs.

- 75.20 To point "B" of triangulation.
 - 79.80 Intersect the true point for the cor. secs. 10, 11, 14 and 15, which is S. 89°49' E. 39 lks. dist. from the witness cor. to said secs.
- Thence,
- N. 89°49' W., on true line bet. secs. 10 and 15.
- Ascend abrupt W. breaks of the San Juan River, through scattered undergrowth and timber.
- .39 The witness cor. to the cor. secs. 10, 11, 14 and 15.
 - 4.60 To point "B" of triangulation at top of W. breaks of San Juan River, 130 ft. above true point for sec. cor., bears N. and S.; thence by triangulation; ascend abrupt SE. slope over ledges.
 - 36.12 To point "A" of triangulation at top of abrupt ascent, 440 ft. above top of breaks of river, bears NE. and SW.; descend gradually over broken NW. slope.
 - 39.90 On surfacerock, 130 ft. below top of ascent; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{S10}{\frac{1}{4}}$
 S15

1926

From which,

Subdivision, T. 41 S., R. 11 E.

Chains

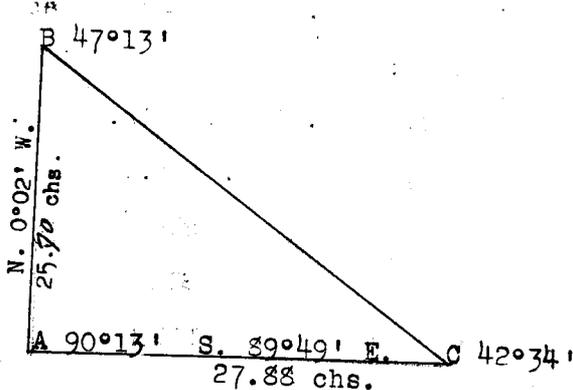
A juniper, 12 ins. diam., bears S. 10° W., 153 lks.
dist., marked $\frac{1}{4}$ S15 BT.

A juniper, 10 ins. diam., bears N. 85°30' W., 150 lks.
dist., marked $\frac{1}{4}$ S10 BT.

53.90 To point "B" of triangulation at top of SE. breaks of
box canyon, bears NE. and SW.; thence by triangulation.
75.00 Approximate distance: Bottom of canyon, 520 ft. below the
 $\frac{1}{4}$ sec. cor., drains NE.; ascend broken NW. breaks of
canyon.

79.80 To point "A" of triangulation at the cor. secs. 9, 10,
15 and 16, 40 ft. above canyon bottom.
Land, broken by ledges with a general southeasterly and
northwesterly exposure and NE. drainage.
Soil, shallow loose sand and clay; 3rd rate.
Undergrowth, scattered shadscale and blackbrush.
Timber, scattered scrub juniper.
Fair grazing.

N. 0°02' W., bet. secs. 9 and 10.
Over broken NW. breaks of box canyon through scattered
undergrowth and timber.
To determine the distance to top of inaccessible ledges,
I triangulate as follows. Erect flag "A" at the cor. secs.
9, 10, 15 and 16 and flag "B" on line to the N.
Designate the point left on line bet. secs. 10 and 15,
at a point S. 89°49' E., 27.88 chs. dist, from the cor.
said secs. "C", and from this point, flags "AB" subtend
an angle of 42°34'.



Chains

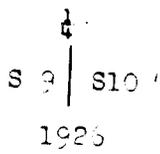
Distance by triangulation 25.70 chs.

5.00 Approximate distance; base of high vertical ledges, bears NE. and SW.

25.70 To point "B" of triangulation at top of inaccessible ledges, 280 ft. above cor., bears NE. and SW.; thence by chaining over broken top of mesa.

40.00 On broken top of mesa, on surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

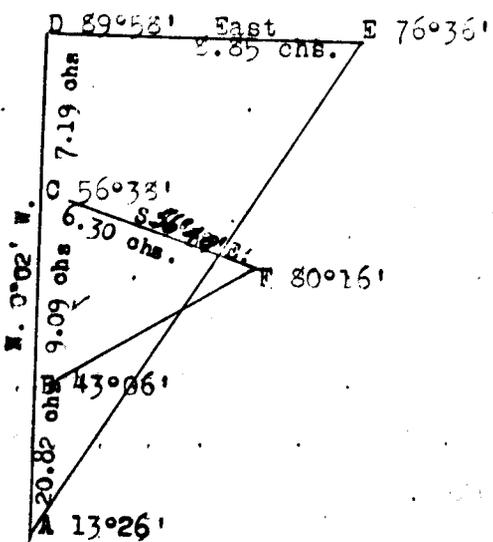


From which,

A juniper, 3 ins. diam., bears N. 46° E., 43 lks. dist., marked BT.

A juniper, 6 ins. diam., bears S. 2° W., 209 lks. dist., marked $\frac{1}{4}$ S9 BT.

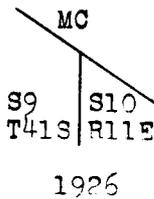
42.11 Top of S. breaks of the San Juan River, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flags "B", "C", and "D" on line to the N. From Flag "D", measure base line "DE", East, 2.35 chs. dist., and from "C", measure base line "CF", S. 56°40' E., 6.30 chs. dist. From "E", flags "AD" subtend an angle of 76°36'. From "F", flags "BC" subtend an angle of 80°16'.



Chains

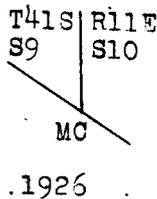
Distance on line	42.11 chs.
Distance by triangulation "A" to "B"	20.82 chs.
	<u>62.93 chs.</u>
Distance by triangulation "B" to "C"	9.09 chs.
	<u>72.02 chs.</u>
Distance by measurement "C" to "D"	7.19 chs.
	<u>79.21 chs.</u>

62.93 To point "B" of triangulation at the mean high water mark of the right bank of the San Juan River, 420 ft. below the $\frac{1}{4}$ sec. cor., bears NW. and SE. Mark a cross (X), on the sandstone surfacerock, over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 9 and 10, with brass cap marked.



Thence across river by triangulation which is a stream about 5.50 chs. wide, 3 ft. deep, and which flows in a southeasterly direction.

72.02 To point "C" of triangulation at the mean high water mark of the left bank of the San Juan River, bears NW. and SE. On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 9 and 10, with brass cap marked.



Thence by direct measurement, over broken N. breaks of river.

79.21 To point "D" of triangulation.

80.00 On surfacerock, 100 ft. above river, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 3, 4, 9 and 10, with brass cap marked.

Subdivision, T. 41 S., R. 111 E.

Chains

T41S	R111E
S4	S3
S9	S10

1926

No other suitable accessories available.

Land, broken N. and S. breaks of the San Juan River.

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

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

Timber, a few scattered scrub juniper.

Fair grazing.

S. 30°49' E., on random line bet. secs. 3 and 10.

33.54 Set temp. witness cor. to the 1/4 sec. cor.

44.36 Inaccessible ledges make chaining to the E. of this point on line impracticable, I therefore run on traverse line as follows.

N. 20°30' E., 11.50 chs. dist.

S. 7°30' E., 11.50 chs. dist.

N. 20°45' E., 13.40 chs. dist. to:

30.12 The cor. secs. 2, 3, 10 and 11.

The course of this line therefore N. 32°54' W., and the distance is 30.12 chs.

Thence,

N. 39°54' W., on true line bet. secs. 3 and 10.

Line passes over inaccessible rim of box canyon through scattered undergrowth. It being impracticable to chain over rim of canyon, I run on traverse lines as follows.

S. 76°30' W., 11.50 chs. dist.

N. 76°30' W., 11.50 chs. dist.

S. 82°45' W., 13.40 chs. dist.

North, 35 lks. dist.

Approximate distances to topography on true line.

3.90 Rim of box canyon, bears NE. and SW.

3.40 Bottom of box canyon, 200 ft. deep, drains SW.

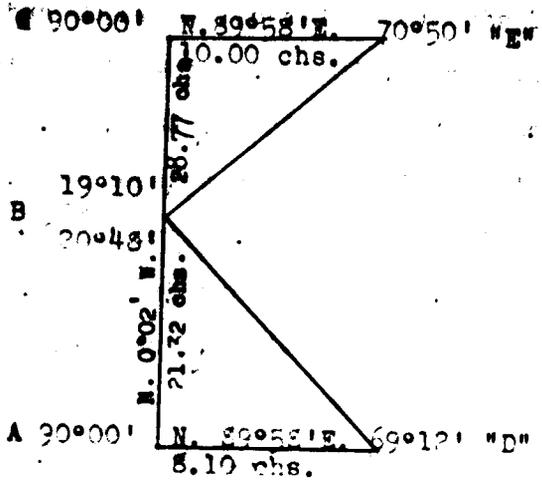
13.10 NW. rim of box canyon, bears NE. and SW., also the SW.

Subdivision, T. 41 S., R. 11 E.

Chains	S11280
	point of sandstone spur; 220 ft. above bottom of canyon
30.00	Sandstone gulch, 150 ft. deep, drains SW.
35.76	To point of traverse on true line, thence on true line.
40.06	Point for the $\frac{1}{4}$ sec. cor. falls on steep face of high sandstone butte where it is impracticable to set a permanent cor.
41.50	On sandstone surfacerock, at the SW. point of sandstone butte, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor, to the $\frac{1}{4}$ sec. cor. secs. 3 and 10, with brass cap marked.
	$\frac{1}{4} \frac{S3}{S10} - WC$ 1926
	No other suitable accessories available.
	Thence descend abrupt SW. slope of breaks of the San Juan River.
51.10	Junction of draws from the NE. and NW., 310 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., drains SW.; ascend abruptly over broken N. breaks of river.
50.12	The cor. secs. 3, 4, 9 and 10, 280 ft. above draw. Land, broken N. breaks of the San Juan River, with a general southerly exposure and drainage. Soil, shallow loose sand and clay; 3rd rate. Undergrowth, scattered shadescale, blackbrush and mountain rush. No timber. Fair grazing.

N. 0°02' W., on true line bet. secs. 3 and 4.
Line from the cor. secs. 3, 4, 9 and 10, passes through scattered undergrowth and over high inaccessible ledges and buttes over which I am unable to chain, I therefore triangulate as follows.
Erect flag "A" at the cor. secs. 3, 4, 9 and 10, and flags "B" and "C" on line to the N. From flag "A",

Measure base line "AD", N. 89°58' E., 8.10 chs. dist.
 and from flag "D", measure base line "DE", N. 89°58' E.,
 10.00 chs. dist. From "D", flags "AB" subtend an angle
 of 69°12'. From "E", flags "BC" subtend an angle of
 70°50'.



Distance by triangulation "A" to "B"	21.32 chs.
Distance by triangulation "B" to "C"	28.77 chs.
Distance by return measurement	50.09 chs.
	<u>3.22 chs.</u>
	46.80 chs.

- 10.00 Approximate distance; base of inaccessible SE. slope of butte, bears NE. and SW.
- 21.32 To point "B" of triangulation at top of sandstone butte 580 ft. above cor., bears NE. and SW.; continue by triangulation over broken NW. slope of butte.
- 40.00 True point for the 1/4 sec. cor. falls on inaccessible face of ledge; no cor. set.
- 46.80 On surfacerock, 150 ft. below top of butte; mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to the 1/4 sec. cor., with brass cap marked.

1/4
 S4 | S3 ✓
 WC
 1926

No other suitable accessories available.

Thence, by chaining.

Subdivision, T. 41 S., R. 11 E.

- Chains
- 50.09 To point "C" of triangulation; thence by chaining. Ascend abrupt SW. slope of sandstone buttes.
 - 65.20 Top of sandstone ridge, 230 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., bears E. and W.; descend broken N. slope of ridge.
 - 69.50 Top of sandstone rimrock, bears E. and W.
 - 79.50 On surfacerock, 200 ft. below ridge; intersect the Eight Standard Parallel South, East, 29.93 chs. dist. from the true point for the standard cor. secs. 33, and 34, which is East, 46 lks. dist. of the witness cor. to said secs. as heretofore described.
- At point of intersection, mark a cross (X), on the surfacerock, over which:
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for closing cor. secs. 3 and 4, with brass cap marked.

T40S R11E
S34

S4	S3
T41S	R11E
C1C	

1926

No other suitable accessories available.

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

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

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

Timber, a few scattered scrub juniper.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 11 E. N. 0°03' W., bet. secs. 32 and 33.

Chains

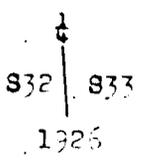
Ascend gradually over broken SE. slope through scattered undergrowth.

7.10 Top of ascent, 60 ft. above cor., bears E. and W.; descend gradual N. slope.

22.80 Enter rolling bench land, bears E. and W.

40.00 On rolling bench land, 110 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

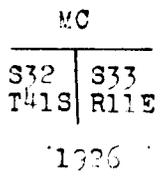
60.00 Base of gradual ascent over S. slope of ridge, bears E. and W.

70.60 Top of ridge, 100 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradual N. slope of ridge.

76.98 The mean high water mark of the San Juan River on left bank, 100 ft. below ridge, bears E. and W.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 32 and 33, with brass cap marked.



No other suitable accessories available.

80.00 Point for the cor. secs. 28, 29, 32 and 33, falls in the San Juan River.

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

Soil, shallow sand and clay; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, yellow top and amole.

No timber. Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains

As the major portion of the line bet. secs. 28 and 33, is within the boundaries of the meanders of the N. and S. bank of the San Juan River, I commence at the cor. of secs. 27, 28, 33 and 34.

Thence,

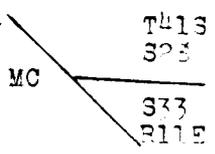
West, on true line bet. secs. 28 and 33.

Along bottom lands of the right bank of San Juan River, through dense undergrowth.

17.20

The mean high water mark of the right bank of San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 28 and 33, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Note: The remainder of this line is within the meander lines of the right and left banks of San Juan River.

Land, rolling bottom of San Juan River bed.

Soil, deep loose sand; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

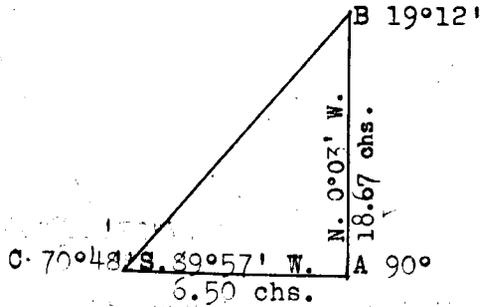
Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

As the true point for the cor. secs. 28, 29, 32 & 33, falls in the San Juan River, I commence at the meander cor. secs. 32 and 33, on left bank of river, which is S. 0°03' E., 3.02 chs. dist. from true point for the sec. cor., and triangulate across river as follows. Erect flag "A" at a point S. 0°03' E., 7.37 chs. dist. from the true point for the cor. secs. 28, 29, 32 and 33, and flag "B" on line to the N. From flag "A", measure base line "AC",

Chains

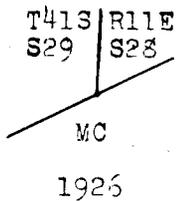
S. 89°57' W., 6.50 chs. dist., from which point, flags "AB" subtend an angle of 70°48'.



Distance by triangulation 18.67 chs.
 Distance to sec. cor. point 7.37 chs.
 11.30 chs.

11.30 Distance counted from true point for cor. secs. 28, 29, 32, and 33; point "B" of triangulation at the mean high water mark of the right bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 28 and 29, with brass cap marked.



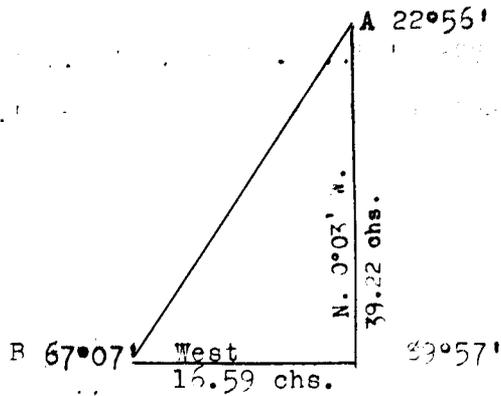
Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. River at this point is a stream about 6.00 chs. wide, 3 ft. deep, which flows in a southwesterly direction. Thence ascend abrupt N. breaks of river through scattered undergrowth.

It being impracticable to chain over the inaccessible N. breaks of river, I triangulate as follows. Erect flag "A" on line to the N. and designate the meander cor. secs. 29 and 32 on right bank of river, which is West, 16.59 chs. dist. from true point for cor. of secs. 28, 29, 32 and 33, heretofore described, "B". From "B", flag "A" subtends an angle of 67°07' from the true point for the cor. secs. 28, 29, 32 and 33.

Subdivision, T. 41 S., R. 11 E.

Chains

aligned



Distance by triangulation 39.22 chs.

39.22 To point "A" of triangulation at top of breaks of river, 920 ft. above river, bears E. and W.

To pass the inaccessible SW. point of sandstone spur, I traverse and offset as follows.

S. 59°30' W., 3.22 chs. dist.

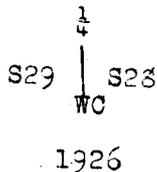
N. 0°03' W. 6.05 chs. dist.

East, 3.38 chs. dist. to true line.

S. 0°03' E., 2.57 chs. dist. to:

40.61 Point on true line 61 lks. N. 0°03' W. of the true point for the $\frac{1}{4}$ sec. cor. As the true point for the $\frac{1}{4}$ sec. cor. falls on steep NW. slope of sandstone spur, where it is impracticable to reach the cor. point, therefore at this point.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 28 and 29, with brass cap marked.



From which,

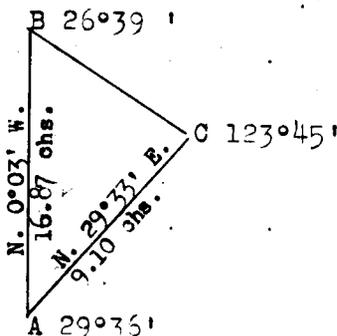
A juniper, 10 ins. diam., bears N. 20° E., 27 lks. dist., marked WC $\frac{1}{4}$ S28 BT.

No other suitable bearing trees available.

43.28 The inaccessible S. breaks of canyon make chaining impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to

Chains

the N. From flag "A", measure base line "AC", N. 29°33' E. 9.10 chs. dist., from which point, flags "AB" subtend an angle of 123°45'. Vertical angle from "A" to "B" is minus 13°.



Distance on line 43.28 chs.
 Distance by triangulation 16.87 chs.
 50.15 chs.

- 47.00 Small wash, drains SW. (Approximate distance).
- 60.15 To point "B" of triangulation at bottom of canyon, 260 ft. below the witness cor. to the ¼ sec. cor., drains SW. Small spring of good water, bears West, 4.00 chs. dist. Thence ascend abruptly over broken SW. slope of surfacerock.
- 80.00 True point for the cor. secs. 21, 20, 28 and 29, falls on steep face of surfacerock, where it is impracticable to set cor.
- 80.36 On surfacerock, 220 ft. above canyon, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 20, 21, 28 and 29, with brass cap marked.

T41S	R11E
S20	S21
S29	S28
WC	
1926	

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

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

Undergrowth, scattered sage and blackbrush.

Timber, a few scattered scrub juniper. Fair grazing.

Subdivision, T. 41 S., R. 11 E.

said

Chains	
	From the true point for the cor. secs. 20, 21, 28 and 29 which is S. 0°03' E., 36 lks. dist. from the witness cor. to said secs.
	East, on random line bet. secs. 21 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect the N. and S. line, at the cor. secs. 21, 22, 27 and 23.
	Thence,
	West, on true line bet. secs. 21 and 23.
	Descend gradually over broken NW. slope through scattered undergrowth.
9.10	Draw, 30 ft. below cor., drains SW.; ascend abrupt SE. slope.
33.10	Top of ascent, 30 ft. above draw, bears NW. and SE.; descend gradually over broken SW. slope.
39.98	On surfacerock, 40 ft. below top of ascent; mark a cross (X), over which:
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{321}{325}$
	1926
	No other suitable accessories available.
49.60	Wash, 20 lks. wide, 6 ft. deep, in bottom of canyon, 250 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual SE. slope.
55.70	Sandstone spur, 200 ft. above canyon, projects SW. continue gradual ascent.
65.80	Saddle in sandstone ridge, 80 ft. above spur, bears N. and S.; descend gradual W. slope.
67.00	Bottom of canyon, 130 ft. below ridge, drains SW.; ascend gradual SE. slope.
79.96	The true point for the cor. secs. 20, 21, 28 and 29, 210 ft. above canyon.
	Land, broken by ledges with a general southwesterly exposure and drainage.

chains

Soil, shallow loose sand and clay; 3rd rate.
 Undergrowth, scattered blackbrush, mountain rush and
 amole.
 No timber.
 Fair grazing.

From the true point for the cor. secs. 20, 21, 28 and 29
 which is S. 0°03' E., 36 lks. dist. from the witness
 cor. to said secs.

N. 0°03' W., bet. secs. 20 and 21.

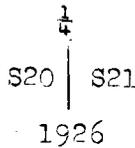
Over broken top of mesa through scattered undergrowth
 and timber.

.36 The witness cor. to the cor. secs. 20, 21, 28 and 29.

16.00 Drainage changes from SW. to NW.

40.00 On broken mesa 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.



From which,

A juniper, 6 ins. diam., bears N. 38° E., 146 lks.
 dist., marked $\frac{1}{4}$ S21 BT.

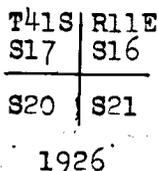
A juniper, 10 ins. diam., bears N. 50°30' W., 121 lks.
 dist., marked $\frac{1}{4}$ S20 BT.

Thence, along gradual SW. slope.

72.00 Drainage changes from SW. to NE.

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

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



From which,

Subdivision, T. 41 S., R. 110 E.

Chains

A juniper, 8 ins. diam., bears N. 18° E., 110 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. 50° W., 73 lks. dist., marked BT.

Trees too scrubby for other marks and no other suitable bearing trees available.

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

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

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

Timber, scattered scrub juniper.

Fair grazing.

East, on random line bet. secs. 16 and 21.

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

79.98 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 15, 16, 21 and 22.

Thence,

N. 39° 57' W., on true line bet. secs. 16 and 21.

Over broken NE. slope of mesa land through scattered undergrowth and timber.

19.60 Bottom of draw, 60 ft. below cor., drains NE.; ascend gradual SE. slope.

21.40 The NW. rim of draw, bears NE. and SW.

39.99 On surfacerock, 50 ft. above draw; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S16}{S21}$$

1926

From which,

A juniper, 8 ins. diam., bears S. 11° W., 47 lks. dist., marked $\frac{1}{4}$ S21 BT.

79.98

A juniper, 8 ins. diam., bears North, 110 lks. dist., marked BT. Tree too scrubby for other marks.

The cor. secs. 16, 17, 20 and 21.
 Land; broken mesa land with a general northeasterly exposure and drainage.
 Soil, shallow loose sand and clay; 3rd rate.
 Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top.
 Timber, scattered scrub juniper.
 Fair grazing.

W. 0°03' W., bet. secs. 16 and 17.

Over broken NE. slope of mesa top through scattered undergrowth and timber.

40.00 On surfacerock, 210 ft. below sec. cor.; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S17 | S16
 1926

From which,

A juniper, 6 ins. diam., bears N. 76°30' E., 95 lks. dist., marked $\frac{1}{4}$ S16 BT.

A juniper, 6 ins. diam., bears S. 44°30' W., 34 lks. dist., marked BT. Tree too scrubby for other marks.

69.00 Top of abrupt descent over surfacerock, bears NE. and SW.

80.00 On surfacerock, at the SE. rim of canyon, 200 ft. below the sec. cor., bears NE. and SW.; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 8, 9, 16 and 17, with brass cap marked.

T41S R11E
 S8 | S9

S17 | S16

Subdivision, T. 41 S., R. 11 E.

No other accessories available.

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

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

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

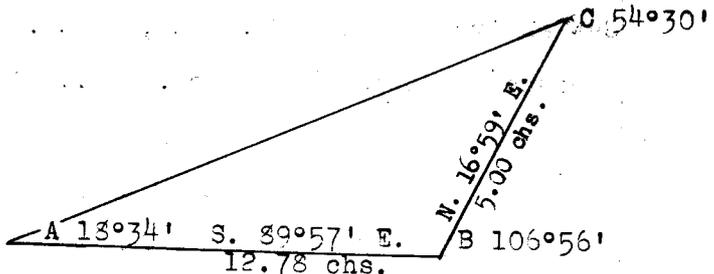
Timber, scattered scrub juniper.

Fair grazing.

S. 89°57' E., on random line bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

66.06 Rim of deep canyon over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", N. 16°59' E., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 54°30'



Distance on line	66.06 chs.
Distance by triangulation	12.78 chs.
	<hr/>
	78.84 chs.

78.84 To point "B" of triangulation.

79.96 Intersect the cor. secs. 9, 10, 15 and 16.

Thence,

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

Ascend abruptly over broken NW. breaks of canyon through scattered undergrowth and timber.

1.12 To point "B" of triangulation; thence by triangulation.

13.90 To point "A" of triangulation at top of breaks of canyon, 270 ft. above cor., bears NE. and SW.; thence by chain over broken mesa top.

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

Set an iron post, 23 ft. long, 1 in. diam., 30 ins. in a

Chains

79.96 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{89.33}{\frac{1}{4}} = 357.32$$

1926

From which,

A juniper, 3 ins. diam., bears S. 11°30' W., 175 lks. dist., marked BT.

No other suitable bearing trees available.

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

Land, broken top of mesa with a general northeasterly exposure and drainage.

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

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

Timber, scattered scrub juniper.

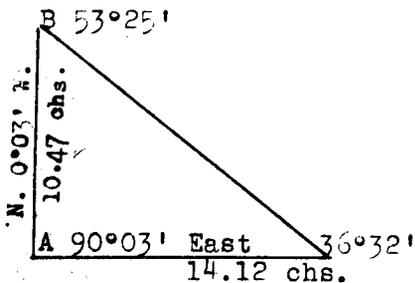
Fair grazing.

N. 0°03' W., bet. secs. 8 and 9.

Over inaccessible breaks of canyon through scattered undergrowth.

To determine the distance across canyon, I triangulate as follows.

Erect flag "A" at the cor. secs. 8, 9, 16 and 17, and flag "B" on line to the N. From flag "A", measure base line "AC", East, 14.12 chs. dist., from which point, flags "AB" subtend an angle of 36°32'.



Distance by triangulation 10.47 chs.

5.00 Aporoximate distance; bottom of canyon, 200 ft. deep, drains NE.

10.47 To point "B" of triangulation on top of NW. rim of

Subdivision, T. 41 S., R. 11 E.

Chains

canyon, 200 ft. above bottom, bears NE. and SW.; thence ascend gradual SE. slope of mesa;

19.50 Top of ascent, 130 ft. above rim of canyon, bears NE. and SW.; thence descend gradually over broken N. slope of surfacerock, and mesa top.

32.00 Leave mesa top, bears NE. and SW; thence descend broken N. slope of surfacerock.

40.00 On surfacerock, 100 ft. below top of ascent; mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

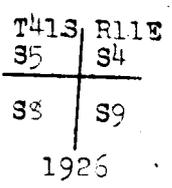


No other suitable accessories available.

67.50 Top of S. breaks of the San Juan River, 60 ft. below the 1/4 sec. cor., bears NW. and SE.; thence descend abrupt NE. slope over ledges.

80.00 On abrupt NE. slope of surfacerock, 300 ft. below top of S. breaks of San Juan River, mark a cross (X), over which:

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



No other suitable accessories available.

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

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

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

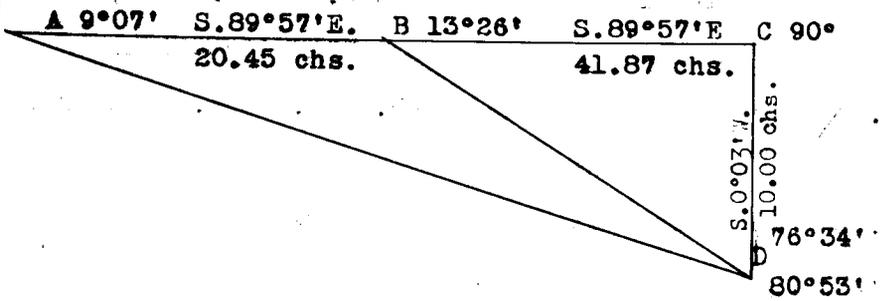
No timber.

Fair grazing.

Chains

62 .05 S. 89° 57' E. on random line between secs. 4 and 9.

.05 The inaccessible breaks of the San Juan River, make chaining impracticable to the E. of this point, I therefore triangulate as follows: Erect flag "A" at this point and flags "B" and "C" on line to the E. From flag "C", measure base line "CD", S. 0° 03' W. 10.00 chs. distant, from which point flags "BC" subtend an angle of 76° 34', and flags "AC" subtend an angle of 80° 53'



Distance on line	.05 chs.
Distance by triangulation "A" to "C"	<u>62.32</u> chs.
	62.37 chs.
Distance by triangulation "B" to "C"	<u>41.87</u> chs.
	20.50 chs.

20.50 To point "B" of triangulation; set temp. meander cor.

62.37 To point "C" of triangulation; set temp. meander cor.;
thence by chaining.

79.86 Intersect the N. and S. line, 12 links S. of the cor.
secs. 3, 4, 9 and 10.

Thence

S. 89° 58' W., on true line between secs. 4 and 9.

Descend abruptly over broken NE. breaks of the San Juan River, through scattered undergrowth.

5.60 Draw, 150 ft. below corner, drains SW.; ascend abrupt SE. slope of sandstone ledge.

11.80 The SW. point of ledge, 80 ft. above draw; descend abrupt SW. slope of ledges.

17.49 The mean high water mark of the left bank of San Juan River, 300 ft. below point of ledge, bears NW. and SE.
On surfacerock, mark a cross (X), over which:

Subdivision T. 41 S., R. 11 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam. 50 ins. in a mound of stone, for meander cor. secs. 4 and 9, with brass cap marked

~~T41S
 S4
 S9
 R11E~~

1926

No other suitable accessories available.

Thence by triangulation across river. River at this point is a stream about 5.00 chs. wide, 4 ft. deep, and flows in a southeasterly direction.

39.93 True point for the $\frac{1}{2}$ sec. cor. secs. 4 and 9 falls in San Juan River.

59.36 Mean high water mark of the right bank San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in diam. 27 ins in the ground, for meander cor. secs. 4 and 9, with brass cap marked

~~T41S
 S4
 S9
 R11E~~

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Continue over inaccessible SW. breaks of river.

79.86 The cor. secs. 4, 5, 8 and 9, 600 ft. above river.

Land, broken NE. and SW. breaks of San Juan River.

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

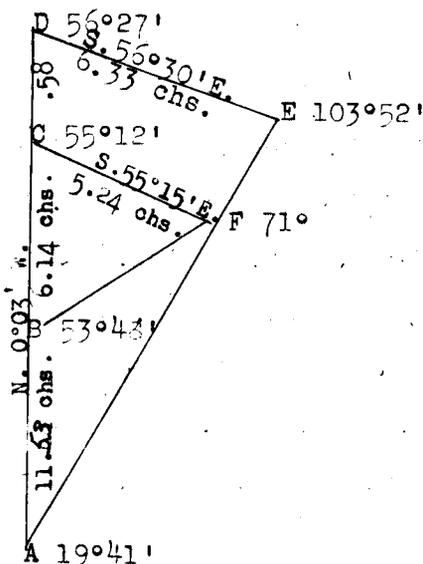
Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top; dense greasewood and rabbitbrush along banks of river.

No timber.

Fair grazing.

N. 0°03' W., on true line bet. secs. 4 and 5.
 Descend abruptly over inaccessible SW. breaks of San
 Juan River through scattered undergrowth.

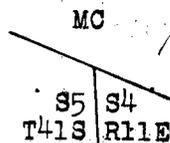
11. Inaccessible ledges make chaining to the N. of this
 point impracticable, I therefore triangulate as follows.
 Erect flag "A" at this point and flags "B", "C", and "D"
 on line to the N. From flag "D", measure base line
 "DE", S. 56°30' E., 6.33 chs. dist., from which point,
 flags "AD" subtend an angle of 103°52'. From flag "D"
 measure base line "CF", S. 55°15' E., 5.24 chs. dist.,
 from which point, flags "BC" subtend an angle of 71°.



Distance on line	,11 chs.
Distance by triangulation "A" to "D"	<u>18.25 chs.</u>
Distance by return measurement "D" to "C"	<u>.58 chs.</u>
Distance by triangulation "C" to "B"	<u>17.78 chs.</u>
Distance on line "A" to "B"	<u>6.14 chs.</u>
	11.64 chs.

11.64 To point "B" of triangulation at the mean high water
 mark of the right bank of San Juan River, 360 ft. below
 sec. cor., bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for meander cor. secs. 4 and 5, with brass cap
 marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high S. of cor.

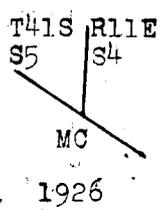
Subdivision, T. 41 S., R. 11 E.

Chains

Thence, across river by triangulation; which at this point is stream about 5.00 chs. wide, 4 ft. deep and fl in a southeasterly direction.

17.78 To point "C" of triangulation on left bank of San Juan River, bears NW. and SE.

On surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 4 and 5, with brass cap marked.



No other suitable accessories available.

Thence by chaining over broken NE. breaks of river.

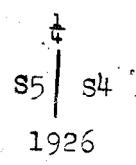
18.36 To point "D" of triangulation.

21.75 Top of sandstone rim, 160 ft. above river, bears NW. and SE.; thence over rolling bench land.

37.50 Wash, 30 lks. wide, 4 ft. deep, drains SW.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.



No other suitable accessories available.

45.00 Base of abrupt ascent over S. slope of surfacerock, bears E. and W.

79.66 On surfacerock, 100 ft. above base of ascent; intersect the Eight Standard Parallel South, East, 29.83 chs. dist. from the point for the standard cor. secs. 32 and 33, and East, 28.80 chs. dist. from the meander cor. secs. 33, heretofore described.

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

Subdivision, T. 41 S., R. 11 E.

Chains

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

T40S R11E
S33

S5	S4
T41S	R11E
C	C

1926

No other suitable accessories available.

Land, broken breaks of the San Juan River and rolling bench land, with a general southwesterly exposure and drainage.

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

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

No timber.

Fair grazing.

From the cor. secs. 5, 6, 31 and 32, on the S. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 11 E. N. 0°03' W., bet. secs. 31 and 32.

Line to the N. of the cor. secs. 5, 6, 31 and 32, passes over high ledges through scattered undergrowth. To avoid ledges, I traverse and offset as follows.

N. 1°30' E., 32.07 chs. dist.

N. 2°30' W., 3.16 chs. dist.

West. 51 lks. dist. to true line.

South, 21 lks. to:

40.00 Point on true line on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1' in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

↑
S31 | S32

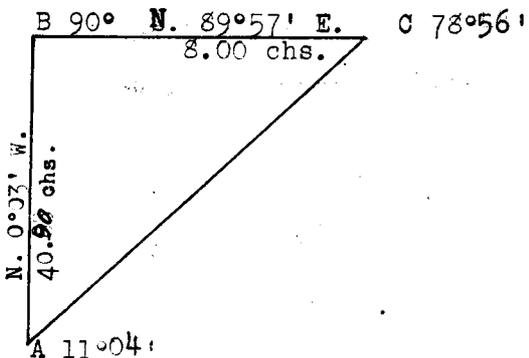
1926

Subdivision, T. 41 S., R. 11 E.

Chains

No other suitable accessories available.

The broken W. breaks of the San Juan River, makes chaining impracticable to the N. of this cor., I therefore triangulate as follows. Erect flag "A" at a point S. 0°03' E., 90 lks. dist. from the ¼ sec. cor. and flag "B" on line to the N. From flag "B", measure base line "BC", N. 89°57' E., 8.00 chs. dist., from which point, flags "AB" subtend an angle of 78°56'.



Distance on line 39.10 chs.
 Distance by triangulation 40.90 chs.
 80.00 chs.

30.00 To point "B" of triangulation on rim of left breaks of San Juan River, bears S. and W. 10° W.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for cor. secs. 29, 30, 31 and 32, with brass cap marked.

T41S	R11E
S30	S29
S31	S32

1926

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

No other accessories available.

Land, broken breaks of San Juan River, with a general easterly exposure and drainage.

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

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

No timber.

Fair grazing.

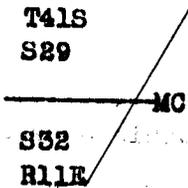
Chains

East, on true line between secs. 29 and 32.

Descend 700 feet over broken NE. slope and breaks of San Juan River.

8.49 Mean high water mark of the left bank of San Juan River.

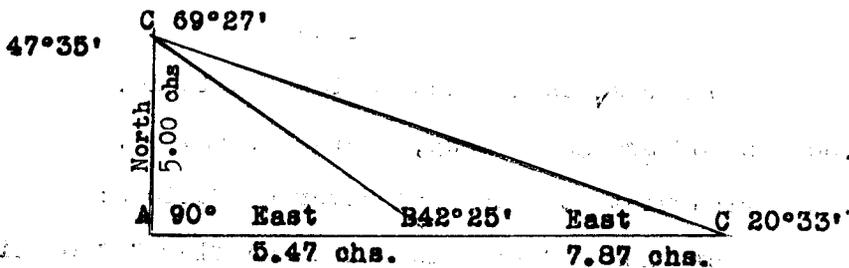
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander corner secs. 29 and 32, with brass cap marked



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Triangulate across river and to top of E. breaks as follows: Erect flag "A" at this point and flags "B" and "C" on line E. From flag "A", measure base line "AD", North, 5.00 chains distant, from which point, flags "AB" subtend an angle of 47°35', and flags "AC" subtend an angle of 69°27'.



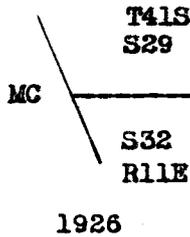
Distance on line	8.49 chs.
Distance by triangulation "A" to "B"	5.47 chs.
	<u>13.96 chs.</u>

Distance on line	8.49 chs.
Distance by triangulation "A" to "C"	13.34 chs.
	<u>21.83 chs.</u>

Chains

13.96 To point "B" of triangulation, on mean high water mark on right bank of San Juan River.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander corner sections 29 and 32, with brass cap marked

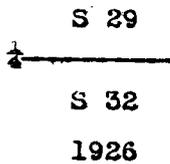


No other suitable accessories available.

21.83 To point "C" of triangulation at top of inaccessible E. breaks of the San Juan River, bears NW. and SE., 720 feet above river; thence by chaining across mesa.

40.00 Set 1/4 sec. cor., on surfacerock mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. corner, with brass cap marked

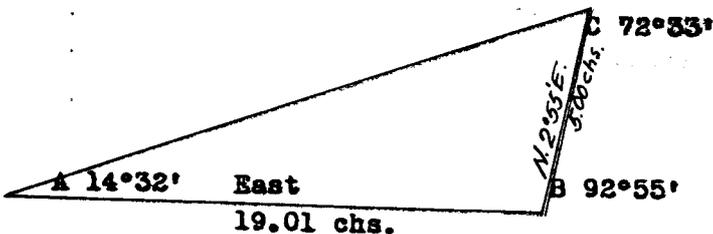


No other suitable accessories available.

44.50 Top of breaks of mesa, bears NE. and SW.

Triangulate to San Juan River as follows:

Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", N. 2°55'E. 5.00 chs. distant, from which point, flags "AB" subtend an angle of 72°33'

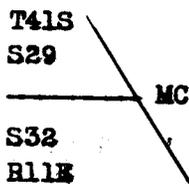


Chains

Distance on line	44.50 chs.
Distance by triangulation	19.01 chs.
	<u>63.51 chs.</u>

63.51 To point "B" of triangulation, the mean high water mark of the right bank of San Juan River, bears NE. and SW., 760 feet below mesa.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for meander corner secs. 29 and 32, with brass cap marked



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

The true point for the corner of secs. 28, 29, 32 and 33 falls in San Juan River.

Land, broken breaks of San Juan River, with a general southerly exposure and drainage.

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

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top on breaks and top of mesa; dense greasewood and rabbitbrush along river bottom.

No timber.

Fair grazing.

West, on random line between secs. 30 and 31.

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

44.08 Set temp. meander corner.

Chains

ansido

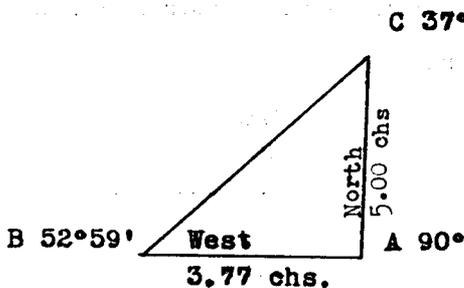
Thence

By triangulation across San Juan River.

Erect flag "A" at this point and flag "B" on line W.

From flag "A" measure base line "AC", North, 5.00 chs.

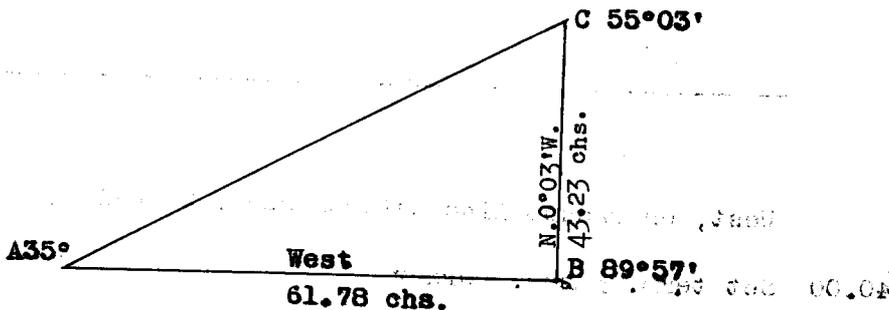
distant, from which point, flags "AB" subtend an angle of 37°01'.



Distance on line	44.08 chs.
Distance by triangulation	<u>3.77 chs.</u>
	47.85 chs.

47.85 To point "B" of triangulation. Set temp. meander cor. Inaccessible W. breaks of river make chaining impracticable; I therefore triangulate as follows:

Erect flag "A" on line to the W. Designate the corner secs. 29, 30, 31 and 32, "B", and witness corner to the $\frac{1}{4}$ corner secs. 29 and 30, "C", which is N.0°03'W. 43.23 chains distant from the corner secs. 29, 30, 31 and 32. From "A", "BC", subtends an angle of 35°.



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

Chaining

77.80 Intersect the W. bdy. of the township, at the cor. secs. 25, 30, 31 and 36; heretofore described.

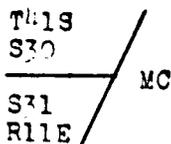
Thence; East, on true line bet. secs. 30 and 31.

Over broken surfacerock through scattered undergrowth.

16.02 To point "A" of triangulation at top of W. breaks of the San Juan River, bears NE. and SW.; thence by triangulation.

39.95 To point "B" of triangulation at the mean high water mark of the right bank of the San Juan River, bears NE. and SW., 900 ft. below top of W. breaks.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 30 and 31, with brass cap marked.

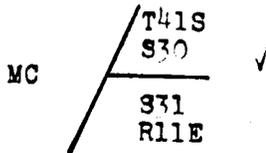


1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Continue by triangulation across river which at this point, is a stream about 3.50 chs. wide and 4 ft. deep which flows in a southerly direction.

33.72 To point "A" of triangulation at the mean high water mark of the left bank San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 30 and 31, with brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence by chaining; ascend abruptly over broken E. breaks of river.

Subdivision, T. 41 S., R. 11 E.

Chains

02.55

37.80 On broken W. slope, 50 ft. above river.
Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S30}{S31}$
 1926

Deposit a sandstone, 9 x 7 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

53.00 Top of E. breaks of mesa, 500 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence over broken top of mesa.

74.00 Top of broken W. breaks of river, bears NW. and SE.; descend abruptly over broken NE. slope.

77.80 The cor. secs. 29, 30, 31 and 32, 210 ft. below top of rim.

Land, broken breaks of the San Juan River, with a general easterly and westerly exposure and drainage.

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

Undergrowth, scattered shadscale, mountain rush, black-brush, yellow top and amole; dense greasewood, rabbit-brush and willows along banks of San Juan River.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 29 and 30.

Descend abruptly over broken E. slope of SW. breaks of San Juan River, through scattered undergrowth.

23.59 The mean high water mark of the left bank of San Juan River 350 ft. below sec. cor., bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for meander cor. secs. 29 and 30, with brass cap marked.

Chains

MC

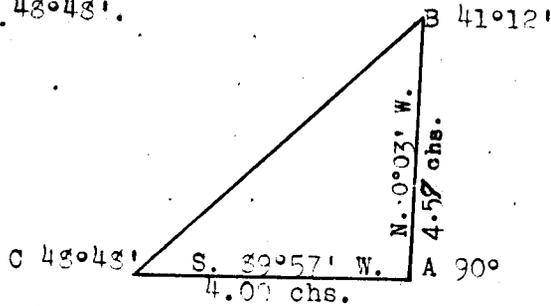
S30	S29
T41S	R11E

1926

No other suitable accessories available.

Thence across river by triangulation as follows.

Erect flag "A" at this cor. and flag "B" on line to the N. From flag "A", measure base line "AC", S. 89°57' W. 4.00 chs. dist., from which point, flags "AB" subtend an angle of 48°43'.



Distance on line	23.59 chs.
Distance by triangulation	<u>4.57 chs.</u>
	28.16 chs.

28.16 To point "B" of triangulation at the mean high water mark of the right bank of San Juan River, bears E. and W., which is a stream about 4.00 chs. wide, 4 ft. deep, and flows in a westerly direction.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for meander cor. secs. 29 and 30, with brass cap marked.

T41S	R11E
S30	S29

MC

1926

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

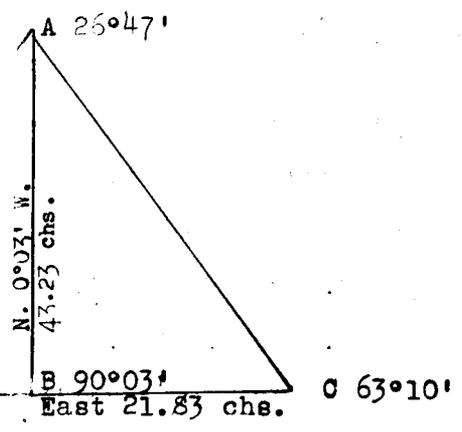
The inaccessible N. breaks of river make chaining impracticable N. of this cor., I therefore triangulate as follows. Erect flag "A" on line to the N. and flag "B" at the cor. secs. 29, 30, 31 and 32. Erect flag "C" at a point, East, 21:83 chs. dist. from the cor.

Subdivision, T. 41 S., R. 11 E.

Chains

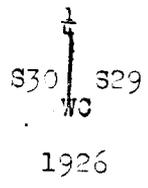
noted

secs. 29, 30, 31 and 32. From flag "A", flags "BC" subtend an angle of 26°47'.



Distance by triangulation 43.23 chs.

- 30.00 Approximate distance; enter scattered timber, bears E. and
- 40.00 Point for the ¼ sec. cor. falls in inaccessible ledges.
- 43.23 To point "A" of triangulation, at top of N. breaks of San Juan River, bears E. and W., 670 ft. above river. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for witness cor. to the ¼ sec. cor., secs. 29 and 30, with brass cap marked.



- From which,
- A juniper, 10 ins. diam., bears S. 9°30' E., 65 lks. dist., marked WC ¼ S29 BT.
- A juniper, 10 ins. diam., bears S. 57° W., 80 lks. dist., marked WC ¼ S30 BT.

From this cor., broken sandstone buttes make it impracticable to chain on line to the N., I therefore traverse and offset as follows.

- S. 42°57' W., 4.50 chs. dist.
- West, 5.50 chs. dist.
- N. 0°03' W. 14.46 chs. dist.
- N. 32°30' W. 14.58 chs. dist.
- N. 21° E., 14.25 chs. dist.
- East, 11.27 chs. dist. to:

Subdivision T. 41 S., R. 11 E.

Chains

80.00 The true point for the corner secs. 19, 20, 29 and 30 on SW slope of butte, on surface rock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins within a mound of stone, for corner secs. 19, 20, 29 and 30, with brass cap marked

T14S	R11E
S19	S20
S30	S29

1926

No other suitable accessories available.

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

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

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

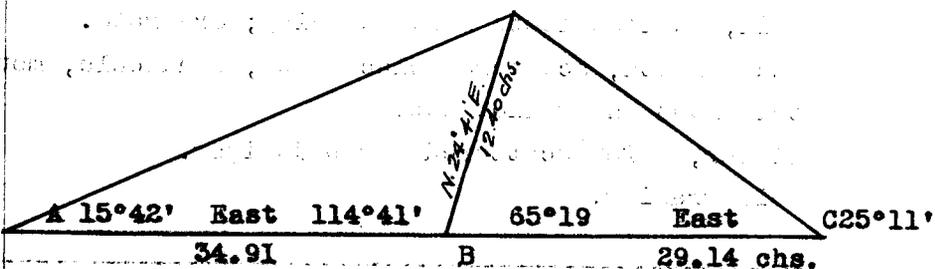
Timber, scattered scrub juniper on N. portion of mile.

Fair grazing.

East, on random line between secs. 20 and 29.

.41 Broken ledges and buttes make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the E. From flag "B", measure base line "BD", N.24°41'E., 12.40 chains distant, from which point, flags "AB" subtend an angle of 49°37', and flags "BC" subtend an angle of 89°30'.

49°37' D 89°30'



Subdivision T. 41 S., R. 11 E.

and 3

Chains	
	Dist. on line 41 chs. plus 64.05 chs. is 105.05 105.08
35.32	To point "B" of triangulation; thence by chaining.
38.45	Set temp. witness corner to the 1/4 sec. corner; thence by triangulation.
64.46	To point "C" of triangulation; thence by chaining.
80.00	Intersect the N. and S. line, 12 links S. of the true point for the corner secs. 20, 21, 28 and 29, which is S.0°03'E., 36 links distant from the witness cor. to said secs.
	Thence
	S.89°55'W. on true line between sections 20 and 29. Over broken land through scattered undergrowth.
15.54	Top of rim of box canyon, bears NE. and SW., thence by triangulation over inaccessible breaks of canyon.
25.00	Approximate distance; bottom of canyon, 250 ft. deep, drains SW.; thence over broken inaccessible buttes.
40.00	Point for the 1/4 section corner falls in inaccessible ledges.
41.55	On broken E. slope of surfacerock, 300 ft. above bottom of canyon, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness corner to the 1/4 section corner secs. 20 and 29, with brass cap marked
	S20 1/4 ——— WC S29 1926
	No other suitable accessories available.
80.00	The corner secs. 19, 20, 29 and 30. Land, broken by ledges with a general southwesterly exposure and drainage. Soil, shallow loose sand and clay; 3rd rate. Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top. Timber, a few scattered scrub juniper. Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains

West, on random line bet. secs. 19 and 30.

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

77.89 Intersect the W. bdy. of the township, 7 lks. S. of the cor. secs. 19; 24, 25 and 30, heretofore described.

Thence,

S. $89^{\circ}57'$ E., on true line bet. secs. 19 and 30.

Descend gradually over broken surfacerock through scattered undergrowth and timber.

9.30 Draw, 80 ft. below cor., drains SW.; ascend broken NW. slope.

32.20 Slope changes from NW. to NE.

37.89 On surfacerock, 30 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S19}{S30}$$

1926

No other suitable accessories available.

Cor. set on W. rim of canyon, bears N. and S.; thence descend abrupt W. breaks of canyon.

47.80 Bottom of canyon, 130 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend abrupt E. breaks of canyon.

66.60 Top of E. breaks of the canyon, 150 ft. above bottom, bears N. and S.; thence over broken buttes.

77.89 The cor. secs. 19, 20, 29 and 30.

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

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

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

Timber, scattered scrub juniper.

Fair grazing.

Subdivision, T. 41 S., R. 11 E.

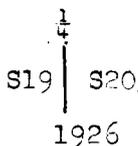
Chains

N. 0°03' W., bet. secs. 19 and 20.

Ascend abrupt SE. slope of surfacerock, through scattered undergrowth and timber.

1.50 Sandstone spur, 30 ft. above cor., projects SW.; thence over broken W. slope of surfacerock.

40.00 On surfacerock; mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



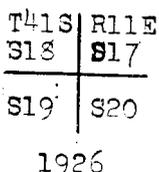
No other suitable accessories available.

54.50 Sandstone spur, 50 ft. high, projects SW.

60.10 Leave surfacerock, bears NE. and SW.; thence over sandy SW. slope.

64.20 Wash, 50 lks. wide, 10 ft. deep, 100 ft. below the $\frac{1}{4}$ sec. cor., drains SW.

80.00 On gradual W. slope, 120 ft. above wash.
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for cor. secs. 17, 18, 19 and 20, with brass cap marked.



From which,

A juniper, 10 ins. diam., bears N. 28° E., 52 lks. dist., marked T41S R11E S17 BT.

A juniper, 10 ins. diam., bears N. 21°30' W., 118 lks. dist., marked T41S R11E S18 BT.

No other bearing trees available.

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

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

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

Timber, scattered scrub juniper. Fair grazing

Chains

N. 89°53' E., on random line bet. secs. 17 and 20.

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

79.90 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 16, 17, 20 and 21.

Thence,

S. 89°52' W., on true line bet. secs. 17 and 20.

Over broken SW. slope through scattered undergrowth and timber.

4.90 Top of sandstone ridge, 69 ft. above cor., bears NE. and SW.; descend broken NW. slope.

16.20 Wash, 20 lks. wide, 4 ft. deep, in head of draw, 120 ft. below ridge, drains SW.; ascend gradual SE. slope.

21.70 Low sandstone ridge, 40 ft. high, bears NE. and SW.

26.00 Top of gradual descent over W. slope, bears NE. and SW.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{S17}{S20}$$

1926

From which,

A juniper, 3 ins. diam., bears S. 55° W., 80 lks. dist., marked $\frac{1}{4}$ S20 BT.

A juniper, 3 ins. diam., bears N. 55° W., 99 lks. dist., marked $\frac{1}{4}$ S17 BT.

60.10 Wash, 200 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual SE. slope.

69.00 Top of ascent, 100 ft. above wash, bears NE. and SW.; descend gradual NW. slope.

79.90 The cor. secs. 17, 18, 19 and 20, 70 ft. below top of ascent.

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

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

Undergrowth, scattered shadscale and blackbrush.

Timber, scattered scrub juniper. Fair grazing.

Subdivision, Twp 41 S., R. 11 E.

Chains	
	N. 89°57' W., on random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.67	Intersect the W. bdy. of the township, at the cor. of secs. 13, 18, 19 and 24, heretofore described. Thence, S. 89°57' E., on true line bet. secs. 18 and 19. Descend gradual SE. slope of broken land through scattered undergrowth and timber.
13.30	Wash, 70 ft. below cor., drains SW.; ascend gradual NW. slope.
30.70	Drainage changes from the NW. to SE.
37.67	On gradual E. slope of surface rock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S18 S19 1926
	From which, A juniper, 8 ins. diam., bears N. 43° E., 315 lks. dist., marked $\frac{1}{4}$ S18 BT. A juniper, 6 ins. diam., bears S. 51°45' W. a 127 lks. dist., marked BT. Tree too scrubby for other marks. Cor. is 100 ft. above wash; thence descend gradual E. slope.
71.60	Draw, 220 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual NW. slope.
77.67	The cor. secs. 17, 18, 19 and 20, 40 ft. above draw. Land, rolling, with a general southwesterly exposure and drainage. Soil, shallow loose sand and clay; 3rd rates as Undergrowth, scattered blackbrush, shadscale, mountain rush, yellow top and amole. Timber, scattered scrub juniper. Fair grazing.

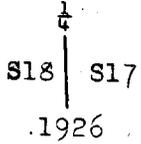
Subdivision, T. 41 S., R. 11 E.

Chains

.N1 0°03' W., bet. secs. 17 and 18.
Over broken SW. slope of mesa top through scattered
undergrowth and timber.

11.10 Wash, 30 lks. wide, 4 ft. deep, 20 ft. below cor., drains
SW.

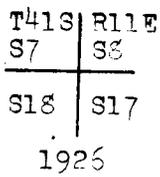
40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for 1/4 sec. cor., with brass cap marked.



From which,
A juniper, 3 ins. diam., bears N. 71° W., 45 lks.
dist., marked BT.

No other suitable accessories available.

80.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 7, 8, 17 and 18, with
brass cap marked.



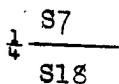
No other suitable accessories available.
Land, broken and broken mesa top with a general south-
westerly exposure and drainage.
Soil, shallow loose sand and clay; 3rd rate.
Undergrowth, scattered blackbrush, shadscale, mountain
rush and yellow top.
Timber, a few scattered scrub juniper.
Fair grazing.

Subdivision, T. 41 S., R. 11 E.

Chains	Remarks
	N. 89°52' E., on random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 8, 9, 16 and 17.
	Thence,
	S. 89°50' W., on true line bet. secs. 8 and 17.
	Over broken mesa top through scattered undergrowth.
44.50	Wash, 20 lks. wide, 4 ft. deep, in bottom of box canyon, 150 ft. deep, drains NE.
39.95	On surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S8 \\ \hline S17 \\ 1926 \end{array}$
	No other suitable accessories available.
79.90	The cor. secs. 7, 8, 17 and 18. Land, rolling and broken with a general northeasterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top. Timber, a few scattered scrub juniper. Fair grazing.
	N. 89°57' W., on random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.66	Intersect the W. bdy. of the township, 7 lks. N. of the cor. secs. 7, 12, 13 and 18.
	Thence,
	East, on true line bet. secs. 7 and 18.
	Over rolling and broken top of mesa through scattered undergrowth and timber.
37.66	On surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

Chairs

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



1926

From which,

A juniper, 6 ins. diam., bears N. 52° W., 169 lks. dist., marked $\frac{1}{4}$ S7 BT.

No other suitable accessories available.

67.60 Drainage changes from the N. to the SE.

77.66 The cor. secs. 7, 8, 17 and 18.

Land, broken and rolling mesa top with a general northerly and southeasterly exposure and drainage.

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

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

Timber, a few scattered scrub juniper.

Fair grazing.

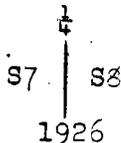
N. 0°03' W., bet. secs. 7 and 8.

Over broken and rolling top of mesa through scattered undergrowth and timber.

9.70 Drainage changes from SE. to the N.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A juniper, 3 ins. diam., bears N. 1°15' E., 281 lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. 35° W., 147 lks. dist., marked BT.

No larger bearing trees available.

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

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a

Subdivision, T. 41 S., R. 11 E.

Chains

mound of stone, for cor. secs. 5, 6, 7 and 8, with brass cap marked.

T41S	R11E
S6	S5

S7	S2
----	----

1926

From which,

A juniper, 3 ins. diam., bears S. 16° E., 167 lks. dist., marked BT.

No other suitable accessories available.

Land, rolling and broken top of mesa with a general northerly exposure and drainage.

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

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

Timber, scattered scrub juniper.

Fair grazing.

N. 89°50' E., on random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

To avoid breaks of San Juan River, I offset as follows.

S. 0°03' E., 12.44 chs. dist. thence

N. 89°50' E., 39.76 chs. dist. thence.

N. 0°03' W., 12.44 chs. dist. to:

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

The bearing of this line therefore is, S. 89°50' W., and the distance is 79.76 chs.

Thence,

As the true line bet. secs. 5 and 8, passes over the inaccessible rim of the W. breaks of San Juan River, through scattered undergrowth; I offset as follows.

S. 0°03' E., 12.44 chs. dist. thence

S. 89°50' W., 39.76 chs. dist. thence

N. 0°03' W., 12.44 chs. dist.

16.00 Approximate distance on true line: The top of the

inaccessible W. breaks of San Juan River, 350 ft. above

Subdivision, T. 41 S., R. 11 E.

Chains

31128

sec. cor., bears NW. and SE.; thence over broken top of mesa.

39.76 To point on true line, thence, S. 89°50' W., on true line.

39.88 On surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S5}{S8}$$

1926

No other suitable accessories available.

79.76 The cor. secs, 5, 6, 7 and 8.

Land, rolling mesa top of broken breaks of San Juan River, with a general northeasterly exposure and drainage.

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

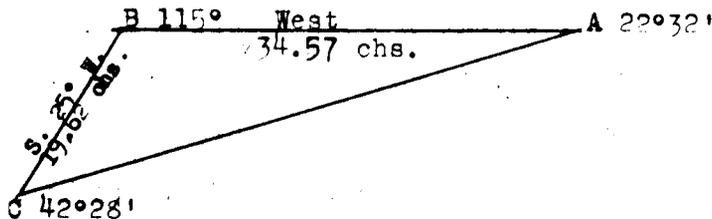
Undergrowth, scattered blackbrush, shadscale, mountain rush, yellow top and amle.

Timber, a few scattered scrub juniper.

Fair grazing.

West, on random line bet. secs. 6 and 7.

Broken ledges and rims of canyon make chaining to the W. of the cor. secs. 5, 6, 7 and 8, impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "B", measure base line "BC", S. 25° W., 19.62 chs. dist., from which point, flags "AB" subtend an angle of 42°28'.



Distance by triangulation 34.57 chs.

34.57 To point "B" of triangulation, thence by chaining.

40.00 Set temp. 1/4 sec. cor.

77.54 Intersect the W. bdy. of the township, 5 lks. S. of the

Subdivision, T. 41 S., R. 11 E.

SECTION

Chains

true point for the cor. secs. 1, 6, 7 and 12, which is N. 45° E., 33 lks. dist. from the witness cor. to said secs.

Thence,

From the true point for cor.

S. 89°58' E., on true line bet. secs. 6 and 7.

Over broken top of mesa through scattered undergrowth and timber.

25.20 Head of box canyon, 360 ft. below sec. cor., drains NE.; ascend abruptly over broken SE. breaks of canyon.

37.54 On broken NW. slope of surface rock, 150 ft. above bottom of canyon, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S6}{S7}$$

1926

From which,

A juniper, 6 ins. diam., bears S. 82° E., 26 lks. dist., marked 1/4 S7 BT.

No other suitable bearing trees available.

42.97 Top of breaks of deep canyon, bears NE. and SW.; thence by triangulation over inaccessible breaks of canyon.

46.00 Approximate distance; rim of vertical ledge, bears NE. and SW.

65.00 Approximate distance; bottom of canyon, 400 ft. deep; small stream of good water, 3 lks. wide, 6 ins. deep, flows NE. in bottom of canyon; ascend abrupt E. breaks of canyon over inaccessible ledges.

72.00 Approximate distance; top of E. breaks of canyon, bears NE. and SW.; continue ascent over broken surface rock.

77.54 To point "A" of triangulation at the cor. secs. 5, 6, 7 and 8, 400 ft. above bottom of canyon.

Land, broken breaks of canyons with a general northwest

Chains

exposure and drainage.

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

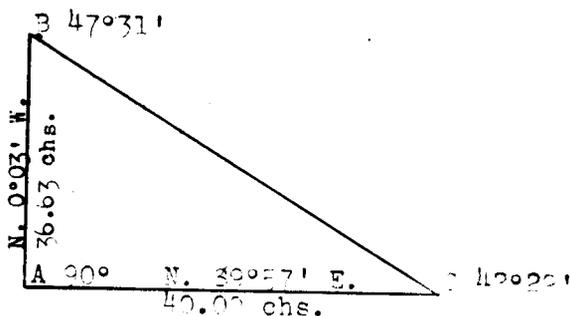
Undergrowth, scattered blackbrush, shadscale, mountain
rush and yellow top.

Timber, scattered scrub juniper.

Fair grazing.

N. $0^{\circ}03'$ W., on true line bet. secs. 5 and 6.

Line from the cor. secs. 5, 6, 7 and 8, passes over
the inaccessible N. and S. breaks of box-canyon, and
through scattered undergrowth and timber; to determine
the distance across canyon, I triangulate as follows.
Erect flag "A" at the sec. cor., and flag "B" on line
to the N. From flag "A", measure base line "AC",
N. $39^{\circ}57'$ E., 40.00 chs. dist., from which point, flags
"AB" subtend an angle of $47^{\circ}31'$.



Distance by triangulation 36.63 chs.

20.00 Approximate distance; small stream of good water, 3 yds.
wide, 6 ins. deep, in bottom of canyon, 400 ft. below
sec. cor., flows NE.; ascend abrupt N. breaks of
canyon.

36.63 Top point "B" of triangulation at top of N. breaks of
canyon, 400 ft. above bottom, bears NE. and SW.; thence
over rolling and broken top of mesa.

40.00 On surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

eniso



From which,

A juniper, 3 ins. diam., bears N. 89° E., 28 lks. dist., marked BT.

No other suitable accessories available.

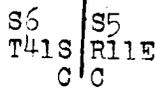
Continue over rolling and broken top of mesa.

79.56 Intersect the Eight Standard Parallel South, East, 29.82 chs. dist. from the standard cor. secs. 31 and 32, heretofore described.

At the point of intersection; on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for closing cor. secs. 5 and 6, with brass cap marked.

T40S R11E
S32



1926

From which,

A juniper, 10 ins. diam., bears S. 21° W., 197 lks. dist., marked BT. Tree too scrubby for other marks and no other suitable accessories available.

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

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

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

Timber, scattered scrub juniper.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

meanders

meanders

Meanders of the right bank San Juan River, down stream.

Commence at the meander cor. secs. 7 and 12, on the right bank of the San Juan River and on the E. bdy. of the township, which is an iron post; 1 in. diam., set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 12 E.

Thence,

With meanders in sec. 12.

Through heavy undergrowth, on sloping bank.

N. 36°05' W., 30.95 chs.

N. 84°15' W., 3.20 chs.

N. 67°15' W., 7.20 chs.

N. 86°15' W., 5.30 chs.

S. 45°30' W., 11.70 chs.

S. 33°15' W., 9.30 chs.

N. 64°00' W., 14.30 chs.

N. 32°30' W., 9.20 chs. to meander cor. secs. 11 and 12.

Land, rolling.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Thence in sec. 11

Through dense undergrowth on sloping bank.

N. 73°00' W., 17.30 chs.

N. 26°00' W., 6.50 chs. to meander cor. secs. 2 and 11.

Land, rolling.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Thence in sec. 2.

Through dense undergrowth on sloping bank.

N. 17°30' W., 9.40 chs. Mouth of canyon from NE.

Meanders, T. 41 S., R. 11 E.

Meanders of the right bank San Juan River, 63rd Stream

- N. 6°30' E., 19.50 chs.
- N. 12°00' E., 8.20 chs.
- N. 6° E., 19.10 chs.

N. 2°45' W., 11.50 chs. At 8.70 chs. on this course, small spring branch at mouth of canyon from NE. Spring heads 30 lks. to the NE.

N. 45°30' W., 8.90 chs.

N. 75°45' W., 10.60 chs.

West, 8.20 chs.

S. 60°00' W., 43.00 chs. to meander cor. secs. 2 and 3.

Land, rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Thence through sec. 3.

Through dense undergrowth over rolling river bottom and slickrock

S. 49°00' W., 14.40 chs.

S. 34°00' W., 10.00 chs.

N. 79°00' W., 4.80 chs.

N. 52°30' W., 17.50 chs. At 4.00 chs. on the course, the mouth of Navajo Canyon, which drains from the N.

N. 41°00' W., 14.00 chs.

N. 39°00' W., 22.21 chs. to the meander cor. sec. 34, T. 40 S., R. 11 E.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbit brush and willows.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

Chains

Meanders of the Right bank of San Juan River, down stream.

From the meander cor. sec. 32, T. 40 S., R. 11 E., here-
to fore described.

Thence, with meanders in sec. 5.

Over sloping surfacerock and rolling river bottom
through dense undergrowth.

S. 2°24' E., 37.82 chs. At 30.00 chs. on this course,
mouth of draw or canyon
from the SW. Stream 3 lks.
wide, 6 ins. deep in draw.

S. 36°30' E., 16.00 chs.

S. 83°15' E., 7.90 chs.

S. 37°45' E., 14.20 chs.

S. 60°15' E., 10.30 chs. to meander cor. secs. 4 and 5.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbitbrush and willows.

No timber.

Fair grazing.

Thence in sec. 4.

Over sloping surfacerock and rolling river bottom,
through dense undergrowth.

S. 60°25' E., 23.57 chs. to meander cor. secs. 4 and 9.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbitbrush and willows.

No timber.

Fair grazing.

Thence in sec. 9.

Over sloping surfacerock and over rolling river bottom
through dense undergrowth.

S. 79°22' E., 37.56 chs.

S. 65°44' E., 24.61 chs. At 15.00 chs. on the course,

Meanders of the right bank San Juan River, South stream.

the mouth of draw from the SW.

At the end of course, the

meander cor. secs. 9 and 10.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbitbrush and willows.

No timber.

Fair grazing.

Thence in sec. 10.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 67°45' E., 20.00 chs.

N. 79°15' E., 17.50 chs.

S. 76°00' E., 17.30 chs. At 10.00 chs. on this course mouth of canyon from the SW.

S. 84°00' E., 12.50 chs.

S. 51°21' E., 19.31 chs. to meander cor. secs. 10 and 11.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbitbrush and willows.

No timber.

Fair grazing.

Thence in sec. 11.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 70°05' E., 21.63 chs.

S. 23°00' W., 36.60 chs. to meander cor. secs. 11 and 12.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattered willows and dense greasewood and rabbit brush.

No timber.

Fair grazing.

Meanders T. 41 S., R. 11 E.

Chains

Meanders of the right bank of the San Juan River, down stream.

Thence, in sec. 14.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S.24°39'W., 14.48 chains to meander corner secs. 14 and 15.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

No timber.

Fair grazing.

Thence in sec. 15.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S.32°15'W., 25.40 chains.

S.54°30'W., 23.70 chains.

At 5.00 chs. on this course, the mouth of canyon from SW.

S.22°15'W., 13.00 chains.

S.35°45'E., 7.30 chains.

S.50°25'E., 21.88 chains to meander cor.secs.15 and 22.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood, rabbit brush and willows.

No timber.

Fair grazing.

Thence in sec. 22.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S.58°00'E., 11.20 chains.

S.68°30'E., 8.00 chains to meander corner secs. 22 and 23.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitprush.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

Chains

SECTION

Meanders of the right bank of the San Juan River,
downstream.

Thence in sec. 23.

Over sloping surfacerock and rolling river bottom
through dense undergrowth.

S.71°30'E., 3.30 chains.

S.60°15'E., 26.50 chains.

S.27°00'E., 5.20 chains.

S.2°00'W., 21.06 chains.

S.23°30'W., 6.60 chains.

S.58°44'W., 29.30 chains to meander cor.secs.22 and 23.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattered willows and dense greasewood
and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 22.

Over sloping surfacerock and rolling river bottom
through dense undergrowth.

S.16°10'W., 10.30 chs.to meander cor.secs.22 and 23.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 27.

Over sloping surfacerock and rolling river bottom
through dense undergrowth.

South, 10.00 chains.

S.19°41'W., 8.10 chains.

S.36°30'W., 19.90

S.34°15'W., 7.80 chains.

S.16°00'W., 8.50 chs.

Chains

Meanders of the right bank of San Juan River, down stream.

S. 2°15' W., 14.00 chs.

S. 30°00' W., 13.70 chs.

S. 44°00' W., 8.20 chs. to meander cor. secs. 27 and 34.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense willows, blackbrush, and greasewood.

No timber.

Fair grazing.

Thence in sec. 34.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 53°30' W., 27.00 chs.

N. 81°11' W., 21.57 chs. to meander cor. secs. 33 and 34.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 33.

Over sloping surfacerock and rolling river bottom.

N. 19°45' W., 9.50 chs.

N. 74°46' W., 14.50 chs. to meander cor. secs. 23 and 33.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

Chains

Meanders of the right bank San Juan River; Down Stream.

From the meander cor. secs. 28 and 33.

Thence with meanders in sec. 28.

Over sloping surfacerock and rolling river bottom.

N. $74^{\circ}30'$ W., 13.60 chs.

N. $62^{\circ}45'$ W., 8.10 chs.

S. $63^{\circ}00'$ W., 1.65 chs.

N. $87^{\circ}45'$ W., 15.30 chs.

N. $67^{\circ}00'$ W., 1.70 chs.

N. $81^{\circ}40'$ W., 24.37 chs. to meander cor. secs. 28 and 29.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 29.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. $55^{\circ}44'$ W., 20.03 chs. to meander cor. secs. 29 and 32.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

Timber, none.

Fair grazing.

Thence in sec. 32.

Over sloping surfacerock through dense undergrowth.

S. $19^{\circ}00'$ W., 12.40 chs. At end of this course enter rolling river bottom.

S. $67^{\circ}15'$ W., 23.63 chs.

S. $77^{\circ}45'$ W., 10.00 chs.

Meanders, T. 41 S., R. 11 E.

Chains

Meanders of the right bank San Juan River; down stream.

N. 35°35' W., 15.00 chs.

N. 7°26' W., 13.00 chs. to meander cor. secs. 29 and 32.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 29.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

N. 15°30' W., 23.10 chs. At 17.00 chs. on this course, the mouth of draw from the NE.

At end of course the mouth of draw from the NE.

N. 52°50' W., 9.75 chs. to meander cor. secs. 29 and 30.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 30.

Over sloping surfacerock and rolling river bottom, through dense undergrowth.

S. 87°20' W., 24.00 chs.

S. 64°00' W., 11.00 chs.

S. 32°04' W., 26.33 chs. to meander cor. secs. 30 and 31.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E

Chains

Meanders of the Right Bank of San Juan River; Down Stream

Thence, in sec. 31.

Over sloping surfacerock through scattered undergrowth along rolling river bottom.

S. 9°30' W., 41.60 chs. At 10.00 chs. on this course, undergrowth becomes dense.

S. 1°30' E., 13.10 chs.

S. 57°15' W., 5.50 chs.

S. 82°40' W., 18.97 chs. to meander cor. secs. 31 and 36, on the W. bdy. of the township heretofore described

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattered and dense greasewood and rabbit-brush.

No timber.

Fair grazing.

Meanders of The Left Bank San Juan River; Down Stream.

From the meander cor. secs. 7 and 12, on left bank of San Juan River and on the E. bdy. of the township, which is an iron post, with brass cap, set, marked and witnessed as described in the finished notes of the survey of T. 41 S., R. 12 E.

Thence, with meanders in sec. 12.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

N. 29°30' W., 2.05 chs.

N. 31°30' W., 5.00 chs.

N. 49°00' W., 5.00 chs.

N. 54°30' W., 5.00 chs.

N. 59°00' W., 21.44 chs.

N. 81°15' W., 16.80 chs.

Meanders, T. 41 S., R. 11 E.

Meanders of the left bank San Juan River; downstream.

N. 75°15' W., 34.55 chs. to meander cor. secs. 11 and 12.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, with meanders in sec. 11.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

N. 77°15' W., 17.51 chs.

N. 42°00' W., 3.50 chs.

N. 46°45' W., 10.40 chs.

N. 18°30' W., 3.19 chs. to meander cor. secs. 2 and 11.

Land, sloping surfacerock and rolling river bottom.

Soil; alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 2.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

N. 13°45' W., 7.90 chs.

N. 7°15' E., 4.30 chs.

North, 5.30 chs.

N. 13°00' E., 18.10 chs.

N. 7°30' E., 22.40 chs.

N. 27°00' W., 13.10 chs.

S. 83°15' W., 19.90 chs.

S. 55°06' W., 39.90 chs. to meander cor. secs. 2 and 3.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber. Fair grazing.

Meanders of the left bank San Juan River; down stream.

Thence in sec. 3.

Over sloping surface rock and rolling river bottom through

dense undergrowth.

S. 48°00' W., 10.20 chs.

S. 71°30' W., 10.30 chs.

N. 79°30' W., 9.60 chs.

N. 45°00' W., 18.75 chs.

N. 40°00' W., 23.00 chs.

N. 53°00' W., 20.38 chs. to the meander cor. sec. 34,

on the Eight Standard Parallel South heretofore descri

Land, sloping surface rock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

From the meander cor. sec. 33, on the Eight Standard
Parallel South heretofore described.

Thence with meanders in sec. 5

S. 3°30' W., 5.00 chs.

S. 3°45' E., 7.20 chs.

S. 7°30' E., 10.20 chs.

S. 14°15' E., 9.40 chs.

S. 24°45' E., 10.00 chs.

S. 39°00' E., 5.34 chs.

S. 42°45' E., 11.60 chs.

S. 47°15' E., 13.04 chs. to meander cor. secs. 4 and 5.

Land, sloping surface rock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

Chains

Meanders of the left bank San Juan River; down stream.

Thence in sec. 4:

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 59°51' E., 8.24 chs.

S. 69°15' E., 9.00 chs.

S. 78°45' E., 8.90 chs.

S. 66°15' E., 4.30 chs.

S. 78°15' E., 34.80 chs. to meander cor. secs. 4 and 9.

At 27.00 chs. on the course, south of draw from the N.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 9.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 65°25' E., 19.22 chs. to meander cor. secs. 9 and 10.

At 15.00 chs. on this course, the mouth of draw from the N.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 10.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 56°45' E., 11.30 chs.

N. 84°45' E., 5.00 chs.

N. 86°45' E., 5.00 chs. At the end of this course, mouth of draw from N.

Meanders, T. 41 S., R. 11 E.

N. $67^{\circ}45'$ E., 9.60 chs.

N. $80^{\circ}15'$ E., 17.30 chs. At 5.00 chs. on this course,
the mouth of draw from NE.
At the end of this course,
the mouth of draw from NE.

S. $83^{\circ}30'$ E., 5.00 chs.

S. $51^{\circ}09'$ E., 38.29 chs. to meander cor. secs. 10 and
11.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 11.

Over sloping surfacerock and rolling river bottom through
dense undergrowth.

S. $76^{\circ}25'$ E., 2.13 chs.

S. $79^{\circ}15'$ E., 18.50 chs.

S. $53^{\circ}00'$ E., 10.00 chs.

S. $4^{\circ}00'$ W., 10.80 chs.

S. $18^{\circ}15'$ W., 15.50 chs.

S. $32^{\circ}00'$ W., 7.20 chs.

S. $27^{\circ}00'$ W., 6.80 chs. to meander cor. secs. 11 and
14.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbit brush.

No timber.

Fair grazing.

Thence, in sec. 14.

Over sloping surfacerock and rolling river bottom through
dense undergrowth.

Meanders, T. 41 S., R. 11 E.

Meanders of the left bank San Juan River; down stream.

S. 29°56' W., 30.86 chs. to meander cor. secs. 14 and
15. At 25.00 chs. on this
course, the mouth of draw
from the E.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 15.

Over sloping surfacerock and rolling river bottom through
dense undergrowth.

S. 23°00' W., 5.00 chs.

S. 56°00' W., 14.80 chs.

S. 45°00' W., 15.90 chs.

S. 33°00' W., 11.10 chs.

S. 43°00' E., 13.80 chs.

S. 72°45' E., 6.50 chs.

S. 32°30' E., 6.70 chs.

S. 75°24' E., 3.53 chs. to meander cor. secs. 15 and 22.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 22.

Over sloping surfacerock and rolling river bottom through
dense undergrowth.

S. 62°55' E., 4.44 chs. to meander cor. secs. 22 and 23.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Meanders, T. 41 S., R. 11 E.

Chains

Meanders of the left bank San Juan River; ~~Course~~ Stream

Thence in sec. 23.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 72°15' E., 6.50 chs.

S. 88°30' E., 11.30 chs. At the end of this course, mouth of draw from NE.

S. 62°00' E., 21.94 chs. At the end of this course, mouth of draw from NE.

S. 1°30' W., 29.30 chs. At 10.00 chs. on this course mouth of draw from SE.

S. 13°45' W., 3.60 chs.

S. 16°10' W., 33.76 chs. to meander cor. secs. 23 and 26.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence, in sec. 26.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 15°00' W., 8.30 chs. At the end of this course the mouth of draw from SE.

S. 38°00' W., 14.50 chs. At the end of this course, mouth of draw from the SE.

S. 66°37' W., 16.17 chs. to meander cor. secs. 26 and 27

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattered willows and dense greasewood and rabbitbrush.

No timber.

Fair grazing.

E. 14th St. P. 41 St. N. 11 E.

Thence in sec. 27.

Over sloping surface rock and rolling river bottom through dense undergrowth.

S. 65° 15' W., 19.90 chs. At 9.80 chs. on this course, mouth of draw from the S.

S. 15° 15' E., 9.20 chs.

S. 31° 30' W., 3.40 chs.

S. 19° 15' W., 13.30 chs.

S. 38° 08' W., 7.74 chs. to meander cor. secs. 27 and 34.

Land, sloping surface rock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 34.

Over sloping surface rock and rolling river bottom, through dense undergrowth.

S. 38° 30' W., 16.60 chs.

S. 61° 00' W., 22.10 chs. At 10.00 chs. on this course, mouth of draw from SW.

N. 85° 35' W., 20.89 chs. to meander cor. secs. 33 and 34.

Land, sloping surface rock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 33.

Over sloping surface rock and rolling river bottom through dense undergrowth.

N. 72° 00' W., 12.80 chs.

N. 46° 30' W., 17.20 chs.

N. 82° 30' W., 35.40 chs. At the end of this course, mouth of draw from the SE.

Meanders T. 41 S., R. 11 E.

Meanders of the left bank San Juan River, downstream.

N. 87° 45' W., 5.10 chs.

S. 84° 44' W., 15.16 chs. to the meander cor. trees.

32 and 33.

Land, sloping surface rock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 32.

Over sloping surface rock and rolling river bottom through dense undergrowth.

S. 84° 00' W., 5.20 chs.

S. 65° 00' W., 6.50 chs.

S. 32° 30' W., 30.00 chs. At end of this course, the mouth of Piute Creek, 6 links wide, 4 ins. deep, drains from

SE. A fair ford across the San Juan River at this point.

S. 66° 30' W., 16.80 chs.

S. 59° 30' W., 7.90 chs.

S. 85° 00' W., 8.00 chs.

N. 67° 00' W., 10.80 chs.

N. 14° 30' W., 9.10 chs.

N. 14° 30' E., 10.00 chs.

N. 12° 32' W., 20.78 chs. to meander cor. secs. 29 32.

Land, sloping surface rock, and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Meanders, T. 41 S., R. 11 E.

Chians

Meanders of the left bank San Juan River; down stream.

Thence through sec. 29.

Over sloping surfacerock and molling river bottom through dense undergrowth.

N. 19°48' W., 25.06 chs. to meander cor. secs. 29 and 30.

Land, sloping surfacerock and rolling bottom of river.

Soil; alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 30.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

West, 11.35 chs.

S. 86°45' W., 12.50 chs.

S. 65°30' W., 11.10 chs.

S. 32°00' W., 19.50 chs.

South, 1.39 chs. to the meander cor. secs. 30 and 31.

Land, sloping surfacerock and rolling river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, dense greasewood and rabbitbrush.

No timber.

Fair grazing.

Thence in sec. 31.

Over sloping surfacerock and rolling river bottom through dense undergrowth.

S. 14°00' W., 16.10 chs.

S. 11°15' W., 10.10 chs.

S. 3°30' W., 17.00 chs.

S. 2°15' E., 12.70 chs.

S. 45°45' W., 11.10 chs.

S. 87°00' W., 13.30 chs.

West, 5.96 chs. to meander cor. secs. 31 and 36, on

the W. bdy. of the township heretofore described.

Meanders, T. 41 S., R. 11 E.

Land, sloping surfacerock and rolling river bottom.
 Soil, alluvial; 2nd rate.
 Undergrowth, dense greasewood and rabbitbrush.
 No timber.
 Fair grazing.

Latitudes departures and
 Closing Errors, T. 41 S., R. 11 E.

Lines designated	True bearings	Dist-ances. Chs.	Latitudes.		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
8th S.P.S. R12E	West	29.36	.....	.....	.....	29.84
8th S.P.S. R11E	West	447.53	.....	.....	.....	447.53
W. bdy. T41S R11E	South	479.47	.....	479.47	.....	.....
S. bdy. T41S R11E	East	477.82	.....	.....	477.82	.....
E. bdy. T41S R11E	North	479.70	479.70	.....	.....	.....
Convergency	West	.55	.....	.....	.....	.55
			<u>479.70</u>	<u>479.47</u>	<u>477.82</u>	<u>478.01</u>
			<u>479.47</u>			<u>477.82</u>
			0.23			0.19

General Description

The land within the boundaries of this township, in general consists of the broken breaks of the San Juan River. This river is a stream about 4.50 chains wide, and 4 ft. deep, which enters the township on the east boundary of section 12, and flows in a northwesterly direction, leaving the township on the north boundary of section 3, then entering the township again on the north boundary of section 5, then flowing in a south-easterly and southwesterly direction and leaving the township again on the west boundary section 31. In nearly all portions of this township, the San Juan River flows through a canyon about 800 ft. deep and about one-half mile wide. The breaks of this canyon, consist of a series of high inaccessible ledges, which are cut by deep canyons and draws which drain into the San Juan River. The lands between the breaks of the river and the canyons, consists of high mesas which

Some water covered with high inaccessible sandstone buttes, and large areas of broken surface rock.

The soil on the tops of the mesas, consists of a shallow loose, rocky, clay and sand loam which may be classified as 3rd rate. The soil in the bottoms of the canyons and along the bottom lands of the San Juan River, consists of a deep, loose, sand and clay loam, and is classified as 3rd rate.

The only timber found in the township, is a few scattered scrub juniper on the tops of the mesas and has no commercial value.

The undergrowth in the township, consists of a scattered growth of shadscale, mountain rush, yellow top, black-brush, amole, and native grasses, which affords fair grazing for stock during the entire year. Along the banks of the San Juan River, a dense undergrowth of greasewood and rabbitbrush is found.

Except the San Juan River, the only stream of water in the township is a small stream about 3 lks. wide, 4 ins. deep, which heads in the SW. 1/4 of the NE. 1/4, section 7, and flows in a northeasterly direction to the San Juan River. Two small seeps of good water were found in the NW. 1/4 of the NW. 1/4 section 25, and a small spring was found in the NE. 1/4 of the NE. 1/4 section 29; and a spring in Lot 1, Section 2.

An old corral and the remains of an Indian rock house was found in the SW. 1/4 of the NW. 1/4 section 26.

A portion of the old Mormon trail, used by the Mormons when enroute from Salt Lake City, Utah to Bluff, Utah, was found in the NW. portion of section 6.

The portion of the township to the left of the San Juan River, is used by the Navajo Indians for a grazing range during the entire year, while the portion to the right of the river is used by the White men for the same purpose.

General Description, T. 23 S., R. 11 E.

No portion of this township is suitable for farming, and the township in general is being used for a grazing range and is suitable for this purpose only.

At the time of the survey, no settlers were living on the township and no improvements of any kind were found.

No indications of coal, oil, oil, shale, or mineral was found on the township.

The nearest post office to the township is Kayenta, Arizona, which is located about 60 miles to the south-east.

The magnetic declination was not taken on account of a defective needle.

CERTIFICATE OF UNITED STATES SURVEYOR.

Chas. F. Moore, and

We, Willis W. Bandy, U. S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 25th day of September, 1923, we have well, faithfully, and

in our 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 Eighth

Standard Parallel South, through Range 11 East, the west boundary

and subdivision, and the meanders of the right and left banks of

San Juan River, of T. 41 S., R. 11 E.

of the Salt Lake

Meridian, in the State of Utah

which are represented

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 District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes

such survey. Certified to at:

Salt Lake City, Utah. Feb. 10, 1928. Chas. F. Moore.

U. S. Surveyor

Umatilla, Florida. Feb. 24, 1928

Willis W. Bandy

APPROVAL:

U. S. Surveyor.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO DEC 16 1935

The foregoing field notes of the survey of the Eight Standard Parallel South,

through Range 11 East, the west boundary and subdivision, and the

meanders of the right and left banks of San Juan River, of

T. 41 S., R. 11 E., of the Salt Lake Meridian, Utah

executed by Chas. F. Moore and Willis W. Bandy, U.S. Surveyors

their

under his special instructions dated September 25, 1923, having

critically examined, and the necessary corrections and explanations made, the said field notes, and the survey

they describe, are hereby approved.

Signature of U.S. Supervisor of Surveys

U. S. Supervisor of Surveys

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

has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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4-878
(April 1923)

BOOK A-507

'C'

FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF RUSH VALLEY GUIDE MERIDIAN, T. 5 S.,

BETWEEN Rs. 4 AND 5 W.; NORTH BOUNDARY AND PORTION OF

SUBDIVISION, AND THE SURVEY OF PORTION OF SUBDIVISION,

T. 5 S., R. 4 W., AND

RETRACEMENT OF THE TOWNSITE OF OPHIR CITY, AND PORTION OF THE

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Ralph Gentry, U.S. Cadastral Engineer

and Supplemental Special Instructions dated September 27, 1926.
Under special instructions dated March 31, 1924, which provided

for the surveys included under Group No. 157, bearing the approval of the

Commissioner of the General Land Office under date of April 14, 1924, and
October 7, 1926,

and assignment instructions dated September 27, 1926, and
Supplemental Assignment Instructions dated Oct. 1, 1928, May 8, 1930,
and May 20, 1931.

Survey commenced December 1, 1926.

Survey completed June 10, 1931.

BOOK 4-507

INDEX DIAGRAM.

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Note: See opposite page for index to retracement of
Townsite of Ophir City, and boundaries of mineral claims.

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INDEX TO RETRACEMENT OF TOWNSITE OF OPHIR CITY, AND
BOUNDARIES OF MINERAL CLAIMS.

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125	Lot No. 141, Trace No. 3 lode.
126	Lot No. 140, Trace No. 2 lode.
127	Lot No. 142, Banner lode.
127	Lot No. 139, Trace lode.
128	Lot No. 134, Struck It lode.
128	Lot No. 162, Grand Gulch lode.
128	Lot No. 151B, Baltic U.S.
129	Lot No. 163, Grand Gulch No. 2 lode.
130	Lot No. 37, San Joaquin lode.
130	Lot No. 135, Jim Fisk Jr. lode.
132	Lot No. 137, Chloride Gem lode.
133	Lot No. 133, Chrisopolis Easterly lode.
134	Lot No. 151A, Dixie lode, Amended.
136	Lot No. 136, Green Eyed Monster lode.
137	Sur. No. 4932, General Sherman lode.
138	Lot No. 88, Wild Delirium lode.
139	Lot No. 101, Rattler lode.
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140	Sur. No. 3478, Idamonta lode.
141	Lot No. 73, Commodore lode, Amended.
141	Sur. No. 3478, Leviathase lode.
141	Sur. No. 3508, Ophir No. 2 lode.
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144	Sur. No. 3654, Red Butte No. 2 lode.
145	Sur. No. 3654, Ramshorn No. 2 lode.
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DATE DIAGRAM, T. 5 S., R. 4 W.

DATE DIAGRAM

T. 5 S., R. 4 W.

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Chains

The survey was executed with a Buff and Buff solar transit No. 16725, property of the General Land Office. The instrument has a full vertical circle and is equipped with the Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other and reads to single minutes of arc which is also the least count of the verniers of the vertical circle, and the latitude and declination arcs. The instrument was in good condition and was approved for use in this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in assignment instructions dated September 27, 1926, and in supplemental assignment instructions dated October 1, 1928 and May 8, 1930. I examine all the instrumental adjustments before making the field tests hereinafter recorded.

The directions of the lines surveyed were determined by the solar method. The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 lks., and the balance at intervals of 10 lks.. The tape was tested by comparison with a Inlkin standard steel tape 1 chain long and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The survey was made during the periods, December 1, to December 11, 1926, October 18 to November 16, 1928, and September 17, to November 18, 1930, in conjunction with the survey of T. 6 S., R. 4 W., and T. 5 S., R. 3 W., of this group.

The data furnished with the special instructions gives the geographic position for the SE. cor. of the Tp.,

T. 5 S., R. 4 W., S.L.B. & MER.

Chains

as follows: latitude $40^{\circ} 20' N.$, and longitude

$112^{\circ} 14' W.$

Nov. 2, 1926, in camp which is situated in the NE $\frac{1}{4}$ of

sec. 5, T. 6 S., R. 4 W., I make a meridian observation

of the sun for time and latitude, observing simultan-

eously the altitude of the sun's lower limb and the

transit of the sun's west limb, reversing the telescope

and observing simultaneously the altitude of the sun's

upper limb and the transit of the sun's east limb,

as follows:-

Mean observed altitude	-----	34° 59' 30"
Reduced latitude	-----	40° 20' "
Mean watch time of observation	-----	12h 12m 51s
Watch fast of local mean time	-----	29m 12s ✓

At 5h 06.2 m p.m., l.m.t., I make an hour angle

observation on Polaris. east of the meridian, making

four observations, two each with the telescope in

direct and reversed positions, reading the horizontal

deflection angle from center of tree in direction E.

to N. to Polaris.

Mean watch time of observation	-----	5h 35m 24s p.m.
Mean horizontal angle from tree to Polaris,		$1^{\circ} 45' E.$ to W.
Azimuth of Polaris	-----	$1^{\circ} 25' E.$
True bearing to tree	-----	$N. 3^{\circ} 10' E.$

Nov. 28, 1926, at the above camp every 30 minutes from

8 to 10.30 a.m. and from 1.30 to 4 p.m., I make the

proper settings on the arcs of the solar attachment

and ascertain that the resulting orientation of the

instrument, when compared with the meridian established

by Polaris observation, has a maximum error of less

than $1' 30''$.

October 2, 1928, when the survey of this group was

resumed I make a field test of the instrument as

recorded in the field notes of the survey of T. 5 S.,

R. 3 W.

September 17, 1930, in camp located in the SW $\frac{1}{4}$ of the

SE $\frac{1}{4}$ of sec. 28, T. 5 S., R. 4 W., at 7h 57m p.m., l.

m.t., or 8h 26m 12s p.m. by my watch, which reads

Chains

correct 105th meridian time as determined by comparison with a Western Union clock at Stockton, Utah Sept. 17, 1930, I observe Polaris at eastern elongation, making two observations each with the telescope in direct and reversed positions, and place a nail at the mean point, on a stake driven firmly in the ground about 10.00 chains N.

Sept. 18, 1930: I lay off the azimuth of Polaris, $1^{\circ} 24'$ to the west and mark the meridian thus determined, by a nail in a stake driven firmly in the ground about 10.00 chs. to the N.

Every 30 minutes from 8 to 10.30 a.m., and from 1.30 to 4.30 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1' 30''$.

I repeat the tests of the arcs daily by noon observation and verify the meridional indications at frequent intervals throughout the survey.

The observed magnetic declination is $16^{\circ} 30'E$.

METHOD AND ORDER OF PROCEDURE

The S. bdy. or First Standard Parallel South through R. 4 W., was surveyed in conjunction with T. 6 S., R. 4 W., and the E. bdy. was surveyed in conjunction with T. 5 S., R. 3 W., both of this group.

The W. bdy. or Rush Valley Guide Meridian and the N. bdy. was retraced and the missing $\frac{1}{4}$ sec. and sec. cors. restored by single proportionate measurement, as provided for in the supplemental special instructions dated Sept. 27, 1926. The cors. found in place along these bdys, were remonumented with the regulation iron posts. The cors. along the N. bdy. to the E. of

T. 5 S., R. 4 W.

Chains

corners of secs. 5, 6, 31 and 32, being defective in position relative to T. 5 S., R. 4 W., were marked to refer to T. 4 S., R. 4 W. only.

As provided for in supplemental special instructions, the previously surveyed subdivisional lines were retraced, and the cor. of secs. 21, 22, 27 and 28; 28, 29, 32 and 33 and 29, 30, 31 and 32, and the $\frac{1}{4}$ sec. cors. bet. secs. 33 and 34; 32 and 33, and 20 and 21 were found in place. The cors. of secs. 20, 21, 28 and 29, and 19, 20, 29 and 30, were restored by double proportionate measurement method, and the cors. of secs. 27, 28, 33 and 34; 17, 18, 19 and 20; 7, 8, 17 and 18, and 5, 6, 7 and 8, were restored by the three point method. The missing $\frac{1}{4}$ sec. cors. were restored by single proportionate method, except the $\frac{1}{4}$ sec. cor. on E. bdy. of sec. 21, and the $\frac{1}{4}$ sec. cor. bet. secs. 17 and 20, which were set at the record course and distance.

The survey of the unsurveyed portion of the township, provided for in special instructions dated March 31, 1926, was accomplished as follows:

Sec. 20 was completed by projecting a line N. from the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, to an intersection with a line projected E. from the $\frac{1}{4}$ sec. cor. bet. secs. 17 and 20, and sec. 17 was completed by setting a cor. for secs. 16 and 17 only, at the point of intersection with a line extended N. from the cor. of secs. 16, 17, 20 and 21, with a line extended E. from the cor. of secs. 7, 8, 17 and 18, with the $\frac{1}{4}$ sec. cor. bet. secs. 16 and 17, set at mid-point, and the $\frac{1}{4}$ sec. cor. sec. 17 only on N. bdy. of sec. set at 40.00 chs. E. from the cor. of secs. 7, 8, 17 and 18. The $\frac{1}{4}$ sec. cor. on S. bdy. sec. 8, was set at 40.00 chs. in westing from the cor. of secs. 8 and 9. Sec. 21 was completed by extending a line N. from the

. T. 5. S., R. 4. W.

Chains

$\frac{1}{4}$ sec. cor. on E. bdy. sec. 21, to an intersection with a line extended E. from the cor. of secs. 16, 17, 20 and 21, where a cor. for secs. 21 and 22 only was set. A $\frac{1}{4}$ sec. cor. sec. 21 only was established at mid-point bet. the cor. of secs. 16, 17, 20 and 21, and the cor. of secs. 21, and 22, and a $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 16, was set at 40.00 chs. westing from the SE. cor. of sec. 16.

The first and second meridional lines were surveyed from S. to N., and from E. to W. The lines bet. secs. 27 and 34, and 22 and 27, were extended W. to an intersection with the third meridional line where closing cors. were set. The fractional measurements were placed in the W. half miles. The cor. for secs. 15 and 22 was set at 80.00 chs. west from the cor. of secs. 14, 15, 22 and 23, and the SE. cor. of sec. 16 was set at a point S. of the cor. of secs. 15 and 22, and on a line due E. of the cor. of secs. 21 and 22. The $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 22 was set at mid-point in northing and southing bet. the closing cor. of secs. 22 and 27 and the cor. of secs. 15 and 22; the $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 27, was set at mid-point bet. the closing cors. of secs. 22 and 27, and 27 and 34, and the $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 34 was set at mid-point bet. the closing cor. of secs. 27 and 34 and the standard cor. of secs. 33 and 34. The third meridional line was projected N. from the cor. of secs. 15 and 22, with $\frac{1}{2}$ sec. and sec. cors. set at intervals of 40 and 80 chs. from the cor. of secs. 15 and 22 for secs. to the E. only, and with $\frac{1}{2}$ sec. and sec. cors. for secs. to the W. set at intervals of 40 and 80 chs. counting from the SE. cor. of sec. 16. The line bet. secs. 9 and 16 was surveyed by the random and true line method bet. the cor. of secs. 9 and 16, and cor. of secs. 16 and

T. 5 S., R. 4 W.

Chains

17, with the $\frac{1}{4}$ sec. cor. for both secs. set at 40.00 chs. in westing and the cor. of secs. 8 and 9, set 80.00 chs. in westing from the cor. of secs. 9 and 16. From the cor. of secs. 8 and 9, the fourth meridional line was extended N. to an intersection with the N. bdy.. The line bet. secs. 5 and 8 was established by the random and true line method, with the $\frac{1}{4}$ sec. cor. set at 40.00 chs. westing from the cor. of secs. 4, 5, 8 and 9. Closing cors. were established at points of intersection of the meridional lines with the N. bdy., and $\frac{1}{2}$ sec. cors. for secs. in T. 5 S., R. 4 W. were set at mid-points bet. the closing cors, except the $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 5, which was set at 40.00 chs. westing from the closing cor. of secs. 4 and 5. Fractional measurements were placed against the N. bdy.

Numerous patented mineral claims are located in this township, the cors. of which were found to be in poor condition, in many instances only a mound of earth and stone with a decayed stump of post being all the evidence found of the cor., and in a few cases none of the cors. of the claim could be identified. In all cases where a doubt existed as to the identification of a mineral claim cor. to which a tie was made, connections were made to a cor. of claim which could be identified. In cases where the cors. of a claim could not be found, the location of the claim was determined through the ties to the mineral monument or with connection to known cors. of claims to which ties had been made. No evidence of Mineral Monument No. 3 or Mineral Monument No. 5, Ophir Mining District could be found. A number of the bdy. of mineral claims were retraced in order to close the public lands as hereinafter recorded.

The Ophir City townsite, which is located in this township was retraced and cor. No. 1 and cor. No. 27 were

Chains

aligned

the only cors. found in place. The position for cors. Nos. 6, 8 and 41, was determined by data obtained from the records of the Ophir Hill Consolidated Mining Company as hereinafter recorded. The adjusted position of the missing townsite cors. were computed, and the ties are made to the adjusted cor. points.

DEPENDENT RESURVEY OF RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S., BETWEEN Rs. 4 and 5 W.

Random Lines.

From the standard cor. of T., 5 S., Rs. 4 and 5 W., for description of which see the field notes of T. 6 S., R. 4 W., this group.

Thence

North, on retracement line along Rush Valley Guide Mer., through T. 5 S., bet. Rs. 4 and 5 W., setting temp. 1/4 sec. and sec. cors. at intervals of 40 and 80 chs. and making careful search for old cors.

322.12

Fall 5.16 chs. E. of the cor. of secs. 7, 12, 13 and 18, hereinafter described.

The course of the line between the standard cor. of T. 5 S., Rs. 4 and 5 W., and the cor. of secs. 7, 12, 13, and 18, therefore is N. 0° 55' W., and the proportionate length of each mile is 80.54 chs.

From the cor. of secs. 7, 12, 13 and 18.

North, bet. secs. 7 and 12.

38.85

Fall 12 lks. E. of the 1/4 sec. cor., hereinafter described. The course of this half mile, therefore is N. 0° 11' W., and the distance is 38.85 chs.

From the 1/4 sec. cor.

North with continuous measurement.

78.77

Fall 69 lks. E. of the cor. of secs. 1, 6, 7 and 12, hereinafter described.

The course of this half mile therefore is N. 0° 59' W.,

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN Rs. 4 AND 5 W.

Chains

and the distance is 39.93 chs.

From the cor. of secs. 1, 5, 7, and 12.

North, bet. secs. 1 and 6.

40.50 Fall 40 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.

The course of this half mile therefore is N. $0^{\circ}34'$ W.,
and the distance is 40.50 chs.

From the $\frac{1}{4}$ sec. cor.

North, with continuous measurement.

80.36 Fall $18\frac{1}{2}$ lks. E. of the cor. Ts. 4 and 5 S., Rs. 4 and
5 W., hereinafter described.

The course of this half mile therefore is N. $0^{\circ}16'$ W.,
and the distance is 39.36 chs.

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN Rs. 4 AND 5 W.

Reestablishment of surveys executed by C. L. Craig, U.S.
Deputy Surveyor in 1856, subsequently resurveyed by
Edward W. Kober, U.S. Deputy Surveyor in 1886.

True Lines.

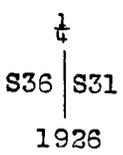
From the standard cor. of T. 5 S., Rs. 4 and 5 W.

N. $0^{\circ}55'$ W., bet. secs. 31 and 36.

Over rolling bench land through medium dense undergrowth.

40.27 Proportionate 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



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

57.60 Old road, bears N. 70° W. and S. 70° E.

65.00 Old road, bears E. and W.

72.20 Old road, bears NW. and SE.

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN RS. 4 AND 5 W.

Chains

30.54 Proportionate point.

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

T5S	
R5W	R4W
S25	S30
S36	S31

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, rolling bench with a W. exposure and drainage.

Soil, gravelly and sandy loam; 2nd to 3rd rate.

No timber.

Undergrowth, medium dense sagebrush; medium growth of grass.

Good grazing land.

Reestablishment of surveys executed by C. L. Craig, U.S. Deputy Surveyor in 1856, and subsequently resurveyed by Geo. V.W. Foutelle, U.S. Deputy Surveyor in 1872, and Edward W. Kober, U.S. Deputy Surveyor in 1886.

N. 0°55' W., bet. secs. 25 and 30.

Over rolling bench land, through medium dense undergrowth.

30.50 Old road, bears N. 70° W. and S. 70° E.

40.37 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for ¼ sec. cor., with brass cap marked

¼	
S25	S30

1926

Raise a mound of stone 2½ ft. base, 1½ ft. high W. of cor.

40.35 St. John and Ophir Ry. track, bears N. 79°45' W., to St. John, Utah, and S. 79°45' E., to Ophir, Utah.

53.00 Wash, 10 lks. wide, 3 ft. deep, drains N. 50° W.

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN R. 4 AND 5 W.

Chains

212507

76.70 Wash, 10 lks. wide, 2 ft. deep, drains N. 60°W.

80.54 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T5S	
R5W R4W	
S24	S19
S25	S30

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Land, rolling bench with NW. exposure and drainage. Soil, gravelly and sandy loam; 2nd to 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale; medium growth of grass.

Good grazing land.

N. 0° 55' W., bet. s. ecs. 19 and 24.

Over rolling land, through medium dense undergrowth.

20.50 Road, brs. N. 64° 30' W. to Stockton, Utah and S. 64° 30' E., to Ophir, Utah.

40.27 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for ¼ sec. cor., with brass cap marked.

¼	
S24	S19

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

80.54 Proportionate point.

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.

S18 S12
S28 S12

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN Rs. 4 AND 5 W.

Chains

T5S	
R5W	R4W
S13	S18
S24	S19

1926

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

Land, rolling with a NW. exposure and drainage.

Soil, gravelly and sandy loam, 2nd to 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale;
medium growth of grass.

Good grazing land.

N. $0^{\circ} 55'$ W., bet. secs. 13 and 18.

Over rolling land, through medium dense undergrowth.

6.20 Wash, 12 lks. wide, 4 ft. deep, drains NW.

13.80 Old road, brs. NW. and SE.

40.27 Proportionate point.

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

S13	S18
-----	-----

1926

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

50.80 Wash, 12 lks. wide, 3 ft. deep, in swale, drains W.

80.54 The cor. of secs. 7, 12, 13 and 18, which is a sandstone, 10 x 8 x 5 ins. above the ground, firmly set and marked 4 notches on S., and 2 notches on N. edge, and unwitnessed.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with brass cap marked

T5S	
R5W	R4W
S12	S 7
S13	S18

1926

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN R. 4 AND 5 W.

Chains

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

Land rolling with a W. exposure and drainage to
Soil, sandy loam; 2nd rate.
No timber.
Undergrowth, medium dense sagebrush and shadscale;
medium growth of grass.
Good grazing land.

N. 0° 11' W., bet. secs. 7 and 12.

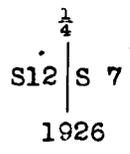
Over rolling land, through medium dense undergrowth.

20.00 Enter scattered growth of scrub juniper, brs. NE. and SW.

38.85 The 1/4 sec. cor., bet. secs. 7 and 12, which is a limestone, 18 x 14 x 10 ins., set in a mound of stone and marked 1/4 on W. face.

Alongside of cor. monument.

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



From which

A juniper, 6 ins. diam., brs. N. 29° E., 65 lks. dist., marked 1/4 S 7 B T.

A juniper, 5 ins. diam., brs. N. 40° W., 34 lks. dist., marked 1/4 S 12 B T.

Thence

N. 0° 59' W., with continuous measurement.

45.00 Draw, 15 ft. deep, 2 chs. wide, drains SW.

76.00 Edge of draw, brs. NE. and SW.; descend.

78.00 Bottom of draw, 30 ft. deep, drains SW.; ascend.

78.78 The cor. of secs. 1, 6, 7 and 12, which is a sandstone, 12 x 8 x 5 ins., set in an old mound of stone, and

DEPENDENT RESURVEY OF
 RUSH VALLEY GUIDE MERIDIAN THROUGH TWP 6 S.,
 BETWEEN R. 4 AND 5 W.

Chains

marked

marked 5 notches on S., and 1 notch on N. edge.
 Alongside of cor. monument.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground with brass cap marked

T5S	
R5W	R4W
S 1	S 6
S12	S 7
1926	

From which

A juniper, 5 ins. diam., brs. S. 81°E., 48 lbs.
 dist., marked T 5 S R 4 W S 7 B T.

A juniper, 5 ins. diam., brs. N. 55°W., 19 lbs.
 dist., marked T 5 S R 5 W S 1 B T.

No other suitable bearing trees available. Raise a
 mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Land, rolling with a S. drainage.

Soil, gravelly and sandy loam; 2nd to 3rd rate.

Timber, scattered growth of scrub juniper on portion of
 mile.

Undergrowth, medium dense sagebrush and shadscale;
 medium growth of grass.

Good grazing land.

N. 0° 34' E., bet. secs. 1 and 6.

Over rolling bench land, through scattered timber and
 medium dense undergrowth.

Ascend from draw.

2.00 Edge of draw, 30 ft. above sec. cor., brs. NE. and SW.;
 thence over rolling bench.

16.00 Edge of draw, brs. NE. and SW.; descend.

18.50 Draw, 30 ft. deep, drains SW.; ascend.

21.00 Edge of draw, brs. NE. and SW.; thence over rolling
 land.

29.00 Edge of draw, brs. NE. and SW.; descend.

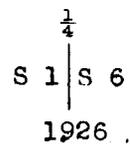
DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN Rs. 4 AND 5 W.

Chains

32.00 Draw, 40 ft. deep, drains SW.; ascend.

38.00 Edge of draw, brs. NE. and SW.; thence over rolling land.

40.50 The $\frac{1}{4}$ sec. cor., which is a limestone, 12 x 8 x 4 ins.,
set in old mound, of stone, and marked $\frac{1}{4}$ on W. face.
Alongside of cor. monument.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground with brass cap marked



From which

- A juniper, 5 ins. diam., brs. N. 37° 40' E., 290
lks. dist., marked $\frac{1}{4}$ S 6 B T.
- A juniper, 5 ins. diam., brs. N. 61° W., 100 lks.
dist., marked $\frac{1}{4}$ S 1 B T.

Thence

N. 0° 16' W., with continuous measurement.

56.00 Edge of draw, brs. NE. and SW.; descend.

59.20 Draw, 20 ft. deep, drains S. 60° W.; ascend.

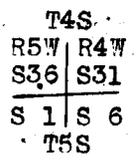
62.00 Edge of draw, brs. NE. and SW.; thence over rolling land.

70.00 Edge of draw, brs. N. 70° E., and S. 70° W.; descend.

71.80 Draw, 20 ft. deep, drains S. 70° W.; ascend.

75.00 Edge of draw, brs. N. 70° E., and S. 70° W.; thence over
rolling land.

80.36 The cor. of Ts. 4 and 5 S., Rs. 4 and 5 W., which is a
sandstone, 10 x 8 x 6 ins., above the ground, firmly set
in ground and surrounded by an old mound of stone,
and marked 6 notches on N., E., S. and W. edges.
Alongside of cor. monument.
Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in
the ground with brass cap marked



1926

DEPENDENT RESURVEY OF
RUSH VALLEY GUIDE MERIDIAN THROUGH T. 5 S.,
BETWEEN Rs. 4 AND 5 W.

Chains

From which
A juniper, 4 ins. diam., brs. S. 71° E., 432 lks. dist., marked "BT" only.
A juniper, 4 ins. diam., brs. S. 6° 30' W., 170 lks. dist., marked "BT" only.
No other suitable bearing trees available. Raise a mound of stone, 2½ ft. base, 2 ft. high S. of cor.
From this cor., a limestone, 16 x 12 x 10 ins., firmly set in the ground and mound of stone, and marked 6 notches on N., E., S., and W. edges, brs. N. 4° 30' E., 1.64 chs. dist. This limestone marked for the Tp. cor. does not answer the description of the Tp. cor., and has the appearance of having been recently set. The origin of the cor. could not be ascertained.
I destroy the marks on this stone.
Land, rolling bench land broken by draws draining to the SW.
Soil, gravelly and sandy loam; 2nd to 3rd rate.
Timber, scattered scrub juniper.
Undergrowth, medium dense sagebrush and shadscale; medium growth of grass.
Good grazing land.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Random Lines.

For record of the random line between the cor. of T. 4 S., Rs. 3 and 4 W., and the ¼ sec. cor. between secs. 1 and 36, N. bdy. T. 5 S., R. 4 W., see the field notes of the survey of T. 5 S., R. 3 W., this group.
From the ¼ sec. cor. bet. secs. 1 and 36, N. bdy. T. 5 S., R. 4 W., hereinafter described.
West, bet. secs. 1 and 36.
40.11 Fall 56 lks. N. of the cor. of secs. 1, 2, 35 and 36. The course of this half mile therefore is S. 89° 12' W.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

- and the distance is 40.11 chs.
-
- From the cor. of secs. 1, 2, 35 and 36.
West, bet. secs. 2 and 35.
- 39.02 Fall 64 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35.
The course of this half mile therefore is S. $89^{\circ} 04' W.$,
and the distance is 39.02 chs.
- From the $\frac{1}{4}$ sec. cor.
West with continuous measurement.
- 78.92 Fall 51 lks. N. of the cor. of secs. 2, 3, 34 and 35.
The course of this half mile therefore is S. $89^{\circ} 16' W.$,
and the distance is 39.90 chs.
-
- From the cor. of secs. 2, 3, 34 and 35.
West, bet. secs. 3 and 34.
- 40.22 Fall 58 lks. S. of the $\frac{1}{4}$ sec. cor., bet. secs. 3 and 34.
The course of this half mile therefore is N. $89^{\circ} 10' W.$,
and the distance is 40.22 chs.
- From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34.
West, with continuous measurement.
- 80.00 Set temp. cor. for secs. 3, 4, 33 and 34. No evidence
of the sec. cor. could be found.
-
- From temp. cor. of secs. 3, 4, 33 and 34.
West, bet. secs. 4 and 33.
- 40.04 Fall 3 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.
The course of the line bet. the $\frac{1}{4}$ sec. cor. secs. 3 and
34, and the $\frac{1}{4}$ sec. cor. secs. 4 and 33, therefore is
S. $89^{\circ} 59' W.$, and the proportionate length of each
half mile is 39.91 chs.
- From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.
West with continuous measurement.
- 80.04 Fall 7 lks. S. of the cor. of secs. 4, 5, 32 and 33.

INDEPENDENT RESURVEY OF
NORTH BOUNDARY OF T⁴ S., R. 4 W.

Chains	
	<p>The course of this half mile therefore is N. 89° 54' W. and the distance is 40.00 chs.</p>
	<p>From the cor. of secs. 4, 5, 32 and 33. West, bet. secs. 5 and 32.</p>
31.80	<p>Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32. The course of this half mile therefore is W., and the distance is 31.80 chs.</p>
	<p>From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32. West with continuous measurement.</p>
71.88	<p>Fall 18$\frac{1}{2}$ lks. N. of the cor. of secs. 5, 6, 31 and 32. The course of this half mile therefore is S. 89° 44' W., and the distance is 40.08 chs.</p>
	<p>From the cor. of secs. 5, 6, 31 and 32. West, bet. secs. 6 and 31.</p>
40.00	<p>No evidence of the $\frac{1}{4}$ sec. cor. found.</p>
80.16	<p>Fall 37 lks. N. of the cor. of Ts. 4 and 5 S., Rs. 4 and 5 W., heretofore described. The course of this mile therefore is S. 89° 44' W., and the proportionate length of each half mile is 40.08 chs.</p>
<p>True Lines.</p>	
<p>Reestablishment of surveys executed by A. J. Stewart Jr. U. S. Deputy Surveyor in 1896.</p>	
	<p>From the cor. of T. 4 S., Rs. 3 and 4 W., as described in the field notes of T. 5 S., R. 3 W.</p>
	<p>Thence S. 89° 22' W., along S. bdy. of sec. 36, T. 4 S., R. 4 W. Descend steep W. slope over mountainous land, through medium dense undergrowth.</p>
2.50	<p>Enter medium dense timber, hrs. N. and S. W. 40.08</p>

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

16.11 $\frac{1}{2}$ On steep W. slope, 430 ft. below Tp. cor.
Mid-point between the closing cor. of T. 5 S., Rs. 3
and 4 W. as described in the field notes of T. 5 S.,
R. 3 W., and the closing cor. of secs. 1 and 2, T. 5 S.,
R. 4 W.

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

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

1930

From which

A balsam, 6 ins. diam., brs. S. 42° W., 101 lks.
dist., marked $\frac{1}{4}$ S 1 B T.

A balsam, 20 ins. diam., brs. S. 45° E., 113 lks.
dist., marked $\frac{1}{4}$ S 1 B T.

23.75 Ravine, 120 ft. below $\frac{1}{4}$ sec. cor., drains NW.; ascend
NE. slope.

38.00 Top of ascent, 360 ft. above ravine, slopes N.; thence
along N. slope.

39.53 The $\frac{1}{4}$ sec. cor., bet. secs. 1 and 36, which is a lime-
stone, 10 x 8 x 6 ins., above ground, firmly set and
marked $\frac{1}{4}$ on N. face, from which

A balsam, 8 ins. diam., brs. S. 12° W., 25 lks.
dist., marked $\frac{1}{4}$ S 1 B T.

This cor. is changed to refer to sec. 36 only. I destroy
the marks on the bearing tree, and alongside of cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground with brass cap marked

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

1930

From which

A balsam, 7 ins. diam., brs. N. 15° E., 39 lks.
dist., marked $\frac{1}{4}$ S 36 B T.

A balsam, 5 ins. diam., brs. N. 55° 30' W., 18 lks.
dist., marked $\frac{1}{4}$ S 36 B T.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

Thence
S. 89° 12' W., with continuous measurement.

Descend along broken N. slope.

43.90 Draw, 60 ft. below 1/4 sec. cor., drains N. 20° W.; ascend

49.60 Top of ascent, 90 ft. above draw, slopes N.; descend
W. slope leaving timber, brs. N. and S.

56.11 Point for closing cor. of secs. 1 and 2; subsequently
established.

65.40 Ravine, 590 ft. below top of ascent, drains N.; ascend.

72.00 Spur, 40 ft. above ravine, projects N.; descend W. slope

79.64 On W. slope, 200 ft. below spur.

The cor. of secs. 1, 2, 35 and 36, which is a limestone,
14 x 10 x 5 ins., set in mound of stone, and marked
1 notch on the E., and 5 notches on W. edge .

This cor. is changed to refer to secs. 35 and 36 only,
Alongside of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground with brass cap marked

T4S | R4W
S35 | S36
S2
T5SR4W

1930

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high N. of
cor.

Land, mountainous with a NW. drainage .

Soil, rocky mountain loam; 2nd to 3rd rate.

Timber, medium dense balsam and Douglas fir on portion
of mile.

Undergrowth, medium dense sagebrush and scattered
chokecherry and service berry; medium growth of
grass.

Good grazing land.

S. 89° 04' W., along S. bay. of sec. 35.

Descend W. slope, over mountainous land, through medium

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

growth of chokecherry, service berry and sage brush.

1.00 Head of draw, 10 ft. below sec. cor., drains NW.;
thence along NE. slope.

6.00 Spur, projects N. 20°W.; descend steep W. slope, entering
dense oak brush and scattered service berry brush.

16.35 On steep W. slope, 350 ft. below spur.

Mid-point bet. the closing cor. of secs. 1 and 2, and
the closing cor. of secs. 2 and 3, T. 5 S., R. 4 W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., sec. 2 only, with brass
cap marked

$\frac{1}{4}$ S 2

1930

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

37.00 Bottom of canyon, 670 ft. below $\frac{1}{4}$ sec. cor., drains
N. 30°W.; ascend leaving oak and enter medium dense
aspen and scattered maple.

39.02 The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, which is a lime-
stone, 12x9x6 ins., firmly set in the ground and
mound of stone, and marked $\frac{1}{4}$ on N. face, from which

A maple, 4 ins. diam., brs. S.45°45'E., 28 lks.
dist., marked $\frac{1}{4}$ S 2 B T.

An oak, 4 ins. diam., brs. N.13°30'W., 33 lks.
dist., marked $\frac{1}{4}$ S 35 B T.

This cor. is changed to refer to sec. 35 only, and I
destroy the marks on the SE. bearing tree, and
alongside of cor.

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

$\frac{1}{4}$ S 35

1930

From which

A maple, 6 ins. diam., brs. N. 19°30'W., 44 lks.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

dist., marked $\frac{1}{4}$ S 35 B T.

A maple, 5 ins. diam., brs. N. $42^{\circ}45'$ W., 56 lbs.

dist., marked $\frac{1}{4}$ S 35 B T.

Thence

S. $89^{\circ}16'$ W., with continuous measurement.

Over land sloping to the N.

45.80 Trail, brs. N. and S.; descend.

46.70 Draw, 70 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend steep E. slope, leaving aspen timber and enter dense oak, chokecherry and maple undergrowth, brs. N. and S.

56.24 Point for closing cor. of secs. 2 and 3, subsequently established.

73.00 Top of ascent on point of spur, 330 ft. above draw, slopes N.; descend W. slope.

78.92 The cor. of secs. 2, 3, 34 and 35, which is a limestone, 12 x 8 x 6 ins., set in a mound of stone and marked 2 notches on E., and 4 notches on W. edge.

This cor. is changed to refer to secs. 34 and 35 only.

Alongside of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with brass cap marked

T4S	R4W
S34	S35
S 3	

T5SR4W

1930

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

Land, mountainous with a N. exposure and drainage.

Soil, rocky mountain loam; 2nd to 3rd rate.

Timber, aspen on portion of mile.

Undergrowth, medium dense chokecherry, oak, service berry, maple and sagebrush. Medium growth of grass.

Good grazing land.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

N. 89° 10' W., along S. bdy. of sec. 34.

Descend W. slope over mountainous land, through medium dense undergrowth.

4.40 Ravine, 60 ft. below sec. cor., drains N.; ascend E. slope.

6.50 Spur, 50 ft. above ravine, slopes N.; descend W. slope.

11.70 Trail, brs. N. and S.

13.30 Ravine, 260 ft. below spur, drains N.; ascend E. slope.

17.24 Mid-point bet. the closing cor. of secs. 2 and 3, and the closing cor. of secs. 3 and 4.

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

$\frac{1}{4}$ S 3

1930

From which

An oak, 4 ins. diam., brs. south, 2 lks. dist., marked $\frac{1}{4}$ S 3 B T.

An oak, 4 ins. diam., brs. S. 30° W., 7 lks. dist., marked $\frac{1}{4}$ S 3 B T.

Cor. stands on steep E. slope, 95 ft. above ravine.

23.60 Spur, 180 ft. above $\frac{1}{4}$ sec. cor., projects N. 15° W.; descend W. slope.

35.20 Ravine, 120 ft. below spur, drains N. 20° W.; ascend NE. slope.

40.22 The $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which is a limestone, 10 x 8 x 6 ins., firmly set in the ground and mound of stone and marked $\frac{1}{4}$ on N. face.

This cor. is changed to refer to sec. 34 only.

Alongside of cor.

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

$\frac{1}{4}$ S 34

1930

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 6 S., R. 4 W.

Chains

- Raise a mound of stone, $2\frac{1}{2}$ ft. base, .2 ft. high N. of cor.
- Thence S. $89^{\circ}59'W.$, with continuous measurement,
- 48.60 Top of ascent on point of spur, 200 ft. above $\frac{1}{4}$ sec. c. slopes N. $20^{\circ}W.$; descend NW. slope.
- 56.40 Ravine, 225 ft. below top of ascent, drains N. $20^{\circ}W.$; ascend.
- 57.16 Point for closing cor. of secs. 3 and 4, subsequently established.
- 59.00 Point of spur, 30 ft. above ravine, slopes N. $20^{\circ}W.$; descend.
- 63.00 Draw, 10 ft. below point of spur, drains N. $20^{\circ}W.$; ascend NE. slope.
- 73.00 Point of spur, 300 ft. above draw, slopes N.; descend.
- 74.75 Draw, 40 ft. below top of ascent, drains N.; ascend NE. slope.
- 80.13 Proportionate point.
- Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 33 and 34 only, with brass cap marked

T4S	R4W
S33	S34
S 4	
T5SR4W	

1930

Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.

Land, mountainous with a N. exposure and drainage.

Soil, rocky mountain loam, 2nd to 3rd rate.

No timber.

Undergrowth, medium dense oak, chokecherry, service berry and sagebrush; medium growth of grass.

Good grazing land.

INDEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 15 S., R. 4 W.

Chains

6.89° 59' W., along S. bdy. of sec. 33.

Ascend NE. slope over mossy, igneous land, through medium dense undergrowth.

8.00 Spur, 75 ft. above sec. cor., projects NW.; descend SW. slope.

17.02 Mid-point bet. the closing cor. of secs. 3 and 4, and the closing cor. of secs. 4 and 5.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., sec. 4 only, with brass cap marked.

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

1930

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

26.20 Ravine, 640 ft. below spur, drains NW.; thence along N. slope.

29.20 Draw, drains N. 40° W.; descend gradually along N. slope.

39.91 On N. slope, 20 ft. below draw.

The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, which is a limestone, 12 x 8 x 5 ins., firmly set in the ground and marked $\frac{1}{4}$ on N. face. Cor. is witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high to the N.

This cor. is changed to refer to sec. 33 only.

Alongside of cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone, with brass cap marked.

S 33

1930

Thence.

N. 89° 54' W., with continuous measurement.

42.50 Spur, 10 ft. below $\frac{1}{4}$ sec. cor., slopes NW.; descend SW. slope.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains													
49.00	Foot of mountain, 190-ft. below spur, bds. NW. and SE.; draw, drains SW; disband along gradual SW slope.												
57.01	Point for closing cor. of secs. 4 and 5, subsequently established.												
63.75	Wash, 10 lks. wide, 2 ft. deep, in draw, 480 ft. below 1/4 sec. cor., drains NW.												
71.00	Wash, 10 lks. wide, 3 ft. deep, drains N. 20° W.												
79.91.	The cor. of secs. 4, 5, 32 and 33, which is a limestone, 12 x 10 x 6 ins., set in a mound of stone and marked 4 notches on the E. and 2 notches on the W. edge. This cor. is changed to refer to secs. 32 and 33 only. Alongside of cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with brass cap marked												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T4S</td> <td>R4W</td> <td>/</td> </tr> <tr> <td>S32</td> <td>S33</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">S 5</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">T5SR4W</td> </tr> </table>	T4S	R4W	/	S32	S33		S 5			T5SR4W		
T4S	R4W	/											
S32	S33												
S 5													
T5SR4W													
	1930												
	Raise a mound of stone, 2 1/2 ft. base, 2 ft. high N. of cor.												
	Land mountainous, with a NW. exposure and drainage.												
	Soil, rocky and sandy loam; 3rd rate.												
	No timber.												
	Undergrowth, medium dense sagebrush and scattered oak, and service berry; medium growth of grass.												
	Good grazing land.												
	West, along S. bdy. of sec. 32.												
	Over rolling land, sloping gently to the W.; through medium dense undergrowth.												
1.50	Wash, 20 lks. wide, 5 ft. deep, drains N. 20° W.												
17.10	Testing of 40.00 chs. from the closing cor. of secs. 4 and 5.												
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for 1/4 sec. cor., sec. 5 only, with brass												

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains

cap marked

$\frac{1}{4}$ S 5

1930

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high S. of cor.
Road, brs. S. 40° E., and N. 40° W. to Stockton, Utah.

22.90

31.80

The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, which is a lime-
stone, 10 x 10 x 4 ins., above the ground, firmly set
and marked $\frac{1}{4}$ on N. face.

This cor. is changed to refer to sec. 32 only.

Alongside of cor.

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

$\frac{1}{4}$ S 32

1926

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

Reestablishment of surveys executed, by J.L.
Craig, U. S. Deputy Surveyor in 1856.

From $\frac{1}{4}$ sec. cor. sec. 32.

S. $89^{\circ} 44'$ W., along S. bdy. sec. 32, with continuous
measurement.

42.00

Enter scrub timber, brs. N. and S.

53.60

Draw, drains N. 75° W.; leave timber, brs. NW. and SE.

71.88

The cor. of secs. 5, 6, 31 and 32, which is a limestone,
18 x 12 x 8 ins., set in mound of stone and marked

5 notches on E., and 1 notch on W. edge. This cor. does

not answer the description of the original cor. of

secs. 5, 6, 31 and 32, and has the appearance of having

been recently set. The cor. is established at propor-

tionate point between the $\frac{1}{4}$ sec. cor. on S. bdy. sec.

32 and the cor. of Ts. 4 and 5 S., Rs 4 and 5 W.

Alongside of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground with brass cap marked

T4S R4W
S31 | S32

S 6 | S 5

T5S

1926

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

Land, rolling with W. exposure.

DEPENDENT RESURVEY OF
NORTH BOUNDARY OF T. 5 S., R. 4 W.

Chains	
	Soil, rocky and sandy loam; 3rd rate. Timber, scrub juniper and pinon on portion of mile. Undergrowth, medium dense sagebrush; medium growth of grass. Good grazing land.
	S. 89° 44' W., bet. secs. 6 and 31.
	Over rolling land, through medium dense undergrowth.
1.00	Edge of canyon, brs. N.70°E., and S.70°W., descend along N. slope.
8.00	Enter scrub timber, brs. NW. and SE.
40.08	Proportionate point, on N. slope 30 ft. below 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
	$\frac{1}{4} \frac{S\ 31}{S\ 6}$
	1926
	From which
	A pinon, 6 ins. diam., brs. S. 56°E., 50 lks. dist., marked $\frac{1}{4}$ S 6 B T.
	A juniper, 5 ins. diam., brs. N. 33°W., 45 lks. dist., marked $\frac{1}{4}$ S 31 B T.
51.00	Edge of canyon, brs. N.70°W., and S.70°E.; thence over rolling land sloping W.; leave timber, brs. with edge of canyon.
51.25	Electric power line of Utah Power and Light Co., brs. N.27°45'W., and S.27°45'E.
80.16	The cor. of Ts. 4 and 5 S., Rs. 4 and 5 W., heretofore described. Land, rolling with W. exposure. Soil, gravelly and sandy loam; 3rd rate. Timber, scrub juniper and pinon on portion of mile. Undergrowth, medium dense sagebrush and shadscale. Medium growth of grass. Good grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

From the standard cor. of secs. 35 and 36, on S. bdy. of Tp., for description of which see the field notes of T. 6 S., R. 4 E., of this Group.

N. 0° 01' W., bet. secs. 35 and 36.

Ascend SE. slope over mountainous land, through scrub juniper and pinon timber, and medium dense undergrowth

10.00 Ridge, 275 ft. above sec. cor., hrs. W. and N. 75° E.;

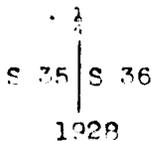
descend N. slope leaving juniper and pinon and entering scattered Douglas fir timber, hrs. E. and S.

13.80 Ravine, 50 ft. below ridge, drains W.; ascend SW. slope.

14.50 Spur, 370 ft. above ravine, projects N. 70° W.; descend N. slope.

40.00 On N. slope, 115 ft. below spur.

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



from which

A Douglas fir, 10 ins. diam., hrs. E. 35° W., 30 lbs. dist. marked S 35 R T.

A Douglas fir, 9 ins. diam., hrs. S. 19° E., 24 lbs. dist., marked S 36 R T.

47.00 Ravine, 50 ft. below sec. cor., drains N. 60° W.; asc. SW. slope.

49.00 Spur, 40 ft. above ravine, slopes N. 60° W.; descend steep N. slope.

72.00 Bottom of Silverado Canyon, 750 ft. below spur, drains S. 75° W.; ascend steep S. slope entering scattered juniper and pinon timber, hrs. E. and S.

80.00 On S. slope, 275 ft. above canyon:

Set an iron post, 3 ft. long; 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for the cor. of secs. 25, 26, 35 and 36, with brass cap marked

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

T5S	R4W
S26	S25
S35	S36

1928

From which

A pinon, 4 ins. diam., brs. N.85°45'E., 56 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.30°30'E., 43 lks. dist., marked "BT" only.

A pinon, 5 ins. diam., brs. S.78°45'W., 48 lks. dist., marked T 5 S., R. 4 W S 35 B T.

A pinon, 6 ins. diam., brs. N.79°30'W., 29 lks. dist., marked T 5 S R 4 W S 26 B T.

Land, mountainous with steep slopes; westerly drainage and exposure.

Soil, rocky and gravelly loam; 3rd rate.

Timber, scrub juniper and pinon and scattered Douglas fir on portions of mile.

Undergrowth, medium dense mahogany, oak, service, choke-cherry and sage brush; medium growth of grass.

Good grazing land.

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

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect E. bdy. of Tp., 12 lks. S. of the cor. of secs. 25 and 36, T. 5 S., R. 4 W., for description of which see the field notes of T. 5 S., R. 3 W., this Group.

Thence

S. 89° 55' W., on true line bet. secs. 25 and 36.

Ascend NE. slope over mountainous land, through dense aspen timber.

2.00 Top of ascent, 5 ft. above sec. cor., slopes N.; descend along N. and NW. slopes.

14.60 Draw, 130 ft. below top of ascent, drains N.15°W.; ascend E. slope leaving timber and enter medium undergrowth.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

17.45 Intersect line 2-3, Little Pittsburg Mine lode, survey amended, No. 3129/O.D., S. 19° 56' W., 3.48 chs. dist. from cor. No. 3., which is a decayed stump of post in center of old mound of stone.

23.00 Point of spur, 150 ft. above draw, slopes N.; descend NW. slope.

27.13 Intersect line 4-5, Little Pittsburg Mine lode, survey amended, No. 3129/O.D., S. 19° 56' W., 3.17 chs. dist., from cor. No. 4, which is a dressed fir post, 4 ins. sq., 4 ft. long, firmly set in a mound of stone, and marked 4-3129 on SE. face.

34.60 Bottom of Silverado Canyon, 370 ft. below point of spur, drains S. 60° W.; ascend SE. slope.

39.96 On SE. slope, 100 ft. above canyon. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

S 25 / S 36

1928

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

Thence along steep S. slope.

51.00 Enter scattered pinon and juniper timber, hrs. N. and SE.

62.00 Top of ascent, 70 ft. above 1/4 sec. cor., slopes S.; descend along S. slope.

79.92 The cor. of secs. 25, 26, 35 and 36, 250 ft. below top of ascent.

Land, mountainous; westerly drainage.

Soil, rocky and gravelly loam; 3rd rate.

Timber, aspen and scattered pinon and juniper on portion of mile.

Undergrowth, medium dense chokecherry, service berry, oak and sage brush.

Medium growth of grass. Good grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
	N. 0° 01' W., bet. secs. 25 and 26.
	Ascend steep S. slope over mountainous land, through scrub juniper and pinon timber and medium dense undergrowth of mahogany, oak and sage brush.
17.00	Ascend SW. slope.
27.27	From this point cor. No. 4, Key Stone lode, survey No. 3930, which is a dressed fir post, 4 ins. sq., 4 ft. long set in a mound of stone and marked 4-3930 KEY STONE on E. face, brs. S. 58° 50' E., 5.32 chs. dist.;
	U. S. Mineral Monument No. 2, Ophir Mining District, which is a juniper post, 6 ins. diam., 8 ft. long, set in a mound of stone and marked U S M M No 2, brs. N. 85° 41' E., 20.91 chs. dist..
27.50	Spur, 910 ft. above sec. cor., projects N. 80° W.; descend N. slope leaving undergrowth and pinon and juniper timber, enter dense Douglas fir, brs. E. and W.
40.00	On N. slope, 250 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 26 | S 25 . 1928
	From which
	A Douglas fir, 6 ins. diam., brs. N. 80° E., 42 lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A Douglas fir, 10 ins. diam., brs. S. 30° W., 10 lks. dist., marked $\frac{1}{4}$ S 26 B T.
43.00	Ravine, 45 ft. below $\frac{1}{4}$ sec. cor., drains N. 80° W.; ascend S. slope leaving Douglas fir timber and entering medium dense sagebrush, brs. E. and W.
48.88	From this point, cor. No. 4, Columbus lode, survey No. 3406, which is a squared Douglas fir, 6 ins. diam., set in mound of stone and marked 4-3406 on E. face, brs. E. 34 lks. dist.
59.14	Intersect line 1-4 of Monarch lode, lot No. 39, N. 85° W.,

SUBDIVISION OF T. 5 S., R. 4 W.

chains

80 lks. dist. from cor. No. 3, Monarch No. 2 lode, lot No. 130, which is a pine post, 4 ins. sq., 3 ft. long, set in a mound of stone and marked U S 131 No. 3 on SE. face. Post is partly decayed.

63.00 Ridge, "Lion Hill", 420 ft. above ravine, hrs. E. and W. Descend N. slope.

69.01 Intersect line 2-3, Northern Light lode, lot No. 156, S. 86° 50' W., 10.54 chs. dist. from cor. No. 3, which is a pine post, 4 ins. sq., 3 ft. long, set in a mound of stone and marked U S 156 No. 3 on S.W. face.

71.89 Intersect line 5-6, Trace No. 3 lode, lot No. 141, S. 63° 15' W., 13 lks. dist. from cor. No. 5, which is a post, 3 ins. diam., 4 ft. long, set in a mound of stone and marked U S L 141 P 5.

75.02 Intersect line 2-3, Trace No. 3 lode, lot No. 141, N. 78° 45' E., 65 lks. dist. from point for cor. No. 2, established at record course and dist. from cor. No. 5 of same lode. No evidence of cor. Nos. 1, 2, 3, 4 or 6 of Trace No. 3 lode, lot No. 141 could be found.

75.73 Intersect line 5-6, Banner lode, lot No. 142, N. 95° 30' E., established 6 lks. dist. from point for cor. No. 6, at record course and dist. from cor. No. 1 of same lode, which is a pine post, 4 ins. sq., 4 ft. long, found lying on old mound of stone and marked U S L 142 P 1. Cor. No. 1 of the Banner lode, lot No. 142 was the only cor. found to this lode.

76.00 Enter medium growth of fir timber, hrs. E. and W.

78.74 Intersect line, 3-4, Banner lode, lot No. 142, N. 95° 30' E., 95 lks. dist. from point for cor. No. 3, at record course and dist. from cor. No. 1.

80.00 On steep N. slope, 430 ft. below ridge.

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

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	T5S	R4W	P.M.
	S23	S24	
	S26	S25	
	1928		
	From which		
	A balsam, 12 ins. diam., brs. N. 15° E., 162 lbs. 50 dist., marked T 5 S R 4 W S 24 B T.		
	A balsam, 14 ins. diam., brs. S. 14° E., 22 lbs. 25 dist., marked T 5 S R 4 W S 25 B T.		
	A balsam, 12 ins. diam., brs. S. 57° 15' W., 55 lbs. dist., marked T 5 S R 4 W S 26 B T.		
	A balsam, 13 ins. diam., brs. N. 49° 45' W., 56 lbs. dist., marked T 5 S R 4 W S 23 B T.		
	Land, mountainous with steep slopes; W. drainage.		
	Soil, rocky mountain loam; 3rd rate.		
	Timber, scrub juniper, pinon, Douglas fir and balsam on portions of mile.		
	Undergrowth, mahogany, oak, and sagebrush; medium growth of grass.		
	Good grazing land.		
	N. 89° 55' E., on random line bet. secs. 24 and 25.		
40.00	Set temp. $\frac{1}{4}$ sec. cor.		
79.98	Intersect E. bdy. of Tp., 9 lks. N. of cor. of secs. 24 and 25, T. 5 S., R. 4 W., as described in the field notes of survey of T. 5 S., R. 3 W., of this Group.		
	Thence		
	S. 89° 59' W., on true line bet. secs. 24 and 25.		
	Descend over mountainous land, through medium dense timber.		
7.75	Head of draw, 80 ft. below sec. cor., drains NE.; ascend E. slope.		
19.25	Ridge, 350 ft. above draw, brs. N. and S.; descend W. slope, entering scattered timber and medium dense undergrowth of mahogany.		
29.00	Leave mahogany and enter oak, maple, service and sage		

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

brush, brs. N. and SE.

39.99 On W. slope, 820 ft. below top of 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

S 24
 $\frac{1}{4}$ —————
S 25

1928

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

43.20 Ravine, 30 ft. below $\frac{1}{4}$ sec. cor., drains N. 30°W.; old road along ravine, brs. N. 20°W., and S. 20°E.; ascend E. slope.

65.50 Point of spur, 520 ft. above ravine, slopes N. 10°W.; descend W. slope, entering medium dense timber, brs. N. 10°W., and SW.

71.70 Ravine, 160 ft. below point of spur, drains N.; ascend NE. slope.

73.63 Intersect line 1-2, Trace No. 2 lode, lot No. 140, N. 13° 45'E., 8.31 chs. dist. from point for cor. No. 2, established at record course and distance from cor. No. 3 which is a pine post, 3 ins. sq., 3 ft. long, set in the ground and mound of stone, and marked US L 140 P 3. Post is partly decayed. Cor. No. 3 is the only cor. of Trace No. 2 lode that could be found.

76.75 Intersect line 3-4, Trace No. 2 lode, lot No. 140, N. 13° 45'E., 7.85 chs. dist. from cor. No. 3.

79.98 The cor. of secs. 23, 24, 25 and 26, 100 ft. above ravine.

Land, mountainous with steep slopes; N. exposure.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, Douglas fir and balsam on portions of mile.

Undergrowth, medium dense mahogany, maple, service berry and sagebrush. Medium dense grass.

Good grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

N. 0° 01' W., bet. secs. 23 and 24. Descend steep and broken N. and NE. slopes over mountainous land, through medium dense timber and scattered undergrowth.

- 0.48 Intersect line 1-2, Trace lode, lot No. 139, S. 81°30'E., 172 lvs. dist. from point for cor. No.2, which was established at record course and distance from U.S. Mineral Monument No.2. No evidence of any of the cors. of Trace lode, lot No.139 could be found.
 - 6.65 Intersect line 1-5, Fraction lode, survey No.4580, N.8°10' W., 92 lvs. dist. from cor. No.5, which is a cedar post, 3 ins. sq., 3 ft. long, set in a mound of stone and marked 5-4580 on N. face.
 - 32.00 Leave timber, enter undergrowth of sagebrush, hrs.E.and W.
 - 37.50 Mouth of ravine, 1550 ft. below sec. cor., drains N. 20° W. into Ophir Canyon.
 - 38.27 Intersect line 33-34, Ophir townsite, S.69°36'W., 56 lvs. dist. from proportionate point for cor. No.33, as determined by retracement of bdys. of Ophir townsite.
 - 40.00 On S. side of Ophir Canyon, 1570 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
- | | |
|---------------|---------------|
| $\frac{1}{2}$ | $\frac{1}{2}$ |
| S23 | S24 |
| 1928 | |
- Deposit a quartzite, 10 x 10 x 5 ins., marked with a cross (+), at base of post.
 - 41.10 Telephone line, hrs. N.70°E., and S.70°W.
 - 41.37 Intersect line 1-2, New York lode, survey No.4580, S.28°27'W., 43 lvs. dist. from cor. No. 2, which is center of old mound of stone.
 - 41.50 Road, along bottom of Ophir Canyon, hrs.N.70°E., and S.70°W.
 - 42.70 Intersect line 2-3, Ophir Queen No.3 lode, survey No. 5095, S.80°15'W., 7.88 chs. dist. from cor. No. 3, which is old mound of stone.
 - 43.00 Bottom of Ophir Canyon, 20 ft. below $\frac{1}{2}$ sec. cor., drains S. 70°W.; ascend steep S. slope.

U. S. GEOLOGICAL SURVEY
SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- 45.94 Intersect line 22-23, Ophir townsite, N. 60°01' E., 5.93 chs. dist. from proportionate point for cor. No. 22, determined by retracement of bdys. of Ophir townsite.
- 52.00 Enter scattered juniper and pinon timber, and medium dense undergrowth of mahogany and oak, brs. E. and W.
- 61.06 Intersect line 2-3, Ophir Queen No. 2 lode, survey No. 5096, N. 80°15' E., 11.46 chs. dist. from cor. No. 2, which is center of old mound of stone, from which stump of juniper, 16 ins. diam., marked 2-3-5096 BT, brs. N. 61° W., 11 lks. dist.
- 72.00 Ascend along SE. slope.
- 77.23 Intersect line 2-3, Struck It lode, lot No. 174, S. 36° 40' W., 3.93 chs. dist. from point for cor. No. 3, which was located with reference to its conflict with Glen lode, survey No. 5014. No evidence of any of the cors. of Struck It lode, lot No. 134, could be found, and the position of this lode was located with reference to its conflict with Glen lode, survey No. 5014.
- 80.00 On SE. slope, 1090 ft. above the $\frac{1}{4}$ sec. cor. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and 8 ins. in a mound of stone, for cor. of secs. 13, 14, 23, and 24, with bases cap marked

T5S	R4W
S14	S13
S23	S24

1928

From which

A pinon, 10 ins. diam., brs. S. 37° E., 30 lks. dist., marked T 5 S R 4 W S 24 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

From this cor., U. S. Mineral Monument No. 1, Ophir Mining District, brs. S. 37°33' E., 14.64 chs. dist. U. S. Mineral Monument No. 1 is a board, 1 x 6 ins., 4 ft. long, with a board, 8 x 8 ins. nailed to it, marked U S M M No. 1, and is set in old mound of stone.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

on surface rock at foot of ledge, 12 ft. high. Ledge faces a southwesterly direction and forms the top of projecting SE.

I remonument this mineral monument as follows:

At point for mineral monument on surface rock, mark a cross (X), over which set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in a mound of stone with 5 ft. base, with brass cap marked

U S M M

No 1

1930

From which

A pinon, 12 ins. diam., bears N. 46° E., 4 lks.

dist., marked U S M M No.1 B T.

A juniper, 12 ins. diam., bears S. 12° W., 8 lks.

dist., marked U S M M No.1 B T.

Set old board monument alongside the iron post.

Land, mountainous, with steep and broken slopes.

Soil, rocky mountain loam; 3rd rate.

Timber, Douglas fir, balsam, juniper and pinon on portion of mile.

Undergrowth, sagebrush, oak and mahogany; medium growth of grass. Good grazing land.

N. 32°53' E., on random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

72.92 Intersect the E. bdy. of Tp., 12 lks. N. of the cor. of secs. 13, and 24, T. 5 S., R. 4 W., as described in field notes of survey of T. 5 S., R. 3 W., this group. Hence

N. 32°53' W., on true line bet. secs. 13 and 24.

Descend SW. slope over mountainous land, through medium dense undergrowth of oak, chokecherry, service berry, maple, and sagebrush.

13.00 Ravine, 250 ft. below sec. cor., drains NW.; trail along ravine; ascend NE. slope.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- 29.00 Point of spur, 190 ft. above ravine, slopes N.; descend NW. slope.
- 34.71 Intersect line 2-3, Golden Eagle Mine lode, survey No. 5841, N. 19°48' E., 9.98 chs. dist. from cor. No. 2, which is a dressed pine post, 4 ins. square, 4 ft. above the ground, firmly set in the ground and mound of stone, and marked 2-5841 on N. face.
- 37.50 Enter bottom of Ophir Canyon, 350 ft. below point of spur, brs. NE. and SW.; thence over rolling bottom of canyon leaving undergrowth, enter cultivated land.
- 39.96 In bottom of Ophir Canyon, on cultivated land.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|------|
| $\frac{1}{4}$ | S13 |
| $\frac{1}{4}$ | S24 |
| | 1930 |
- From which
- A cottonwood, 14 ins. diam.; brs. N. 39°30' W., 82 lks. dist., marked $\frac{1}{4}$ S 13 B T.
 - A maple, 8 ins. diam., bears S. 57°30' E., 227 lks. dist., marked $\frac{1}{4}$ S 24 B T.
- From this $\frac{1}{4}$ sec. cor., the NE. cor. of frame house, 48 x 52 lks., brs. S. 17° W., 178 lks. dist.
- 41.50 Wash, 25 lks. wide, 2 ft. deep, in bottom of canyon, drains SW.; leave cultivated land, brs. NE. and SW.
- 43.20 Barbed wire fence, bears NE. and SW.
- 43.50 Road, bears NE. and SW.; ascend SE. slope entering medium dense undergrowth of oak, service berry and sagebrush, bears NE. and SW.
- 44.35 Intersect line 1-4, Golden Eagle Mine lode, survey No. 5841, S. 19°48' W., 15.70 chs. dist. from cor. No. 4, which is a dressed pine post, 4 ins. square, 4 ft. above the ground, firmly set in the ground and mound of stone, marked 4-5841 on S. face.
- 46.81 Intersect line 4-5, Grand Gulch lode, lot No. 162,

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- South, 1.20 chs. dist. from point for cor. No. 4, established at record courses and distances from cor. No. 1, through cors. 2 and 3. Cor. No. 1, hereinafter described, was the only cor. found on Grand Gulch lode lot No. 162.
- 51.00 Top of ascent, 240 ft. above canyon, slopes SE.; descend.
- 54.50 Ravine, 30 ft. below top of ascent, drains SE.; ascend NE. slope.
- 58.30 Spur, 450 ft. above ravine, slopes SE.; descend SW. slope
- 63.57 Intersect line 1-3, Grand Gulch lode, lot No. 162, S. $72^{\circ}47'$ E., 2.94 chs. dist. from cor. No. 1, which is a pine post, 4 ins. sq., 4 ft. long, set in the ground and marked U S on SW. face and P 1 on NE. face. Post is nearly rotted off at surface of the ground.
- 65.50 Draw, 45 ft. below spur, drains SE.; ascend SE. slope, entering dense mahogany undergrowth, brs. N. and S.
- 68.38 Intersect line 3-4, Grand Gulch No. 2 lode, lot No. 163, North, 4.23 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 3 ft. long, set in old mound of stone, marked U S on SE. face and P 4 on NW. face.
- 70.77 Intersect line 1-2, San Joaquin lode, lot No. 37, North, 3.57 chs. dist. from cor. No. 2, which is a mahogany post, 2 ins. diam., 3 ft. long, lying on old mound of stone, and marked US. No other marks visible on post.
- 73.30 Intersect line 1-2, Chloride Gem lode, lot No. 137, N. $14^{\circ}15'$ E., 3.33 chs. dist. from point for cor. No. 2, established at record course and distance from cor. No. 3, which is center of old mound of stone, from which a mahogany, 8 ins. diam., brs. S. $47^{\circ}15'$ W., 21 1/2 chs. dist., marked US 137 No 3 ET. No evidence of cor. No. 1 and cor. No. 2 could be found.
- 77.77 Intersect line 3-4, Chloride Gem lode, lot No. 137, N. $14^{\circ}15'$ E., 5.24 chs. dist. from cor. No. 3.

Chains

- 78.93 The cor. of secs. 13, 14, 23, and 24, 260 ft. above ravine.
 Land, mountainous with steep and rocky slopes.
 Soil, rocky mountain loam; 3rd and 4th rates; rich mountain loam along bottom of canyon, 1st rate.
 No timber.
 Undergrowth, oak, service berry, chokecherry, maple, mahogany, and sagebrush. Medium growth of grass.
 Good grazing land.
-
- N. 0°01' W., bet. secs. 13 and 14.
 Ascend SE. slope over mountainous land, through dense mahogany undergrowth.
- 0.53 Intersect line 1-4, Struck It lode, lot No. 134, S. 33° 40' W., 2.62 chs. dist. from point for cor. No. 4, which was located from Mineral Surveys 5473 and 5014.
- 2.05 Intersect line 1-4, Chrisopolis Easterly lode, lot No. 133, N. 42°42' E., 6.01 chs. dist. from cor. No. 1, which is a pine post, 3 ins. diam., 6 ft. long, set in a mound of stone and marked US 133 1 on N. face, from which a pinon, 20 ins. diam., marked US 133 3 PT, brs. S. 46° E., 7 lks. dist.
- 7.44 Intersect line 3-4, Dixie lode, lot No. 151A (A'), N. 40°04' E., 7.70 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq. 4 ft. long, set in a mound of stone and marked 4 US L 151A on E. face.
- 8.40 Head of draw, drains SE.
- 16.75 Rocky spur, 500 ft. above sec. cor., slopes S. 70° E.; descend N. slope.
- 17.62 Intersect line 2-3, June No. 2 lode survey No. 5623, S. 71°06' E., 4.64 chs. dist. from cor. No. 2, which is a dressed fir post, 5 ins. sq., 5 ft. long, set in a mound of stone and marked 2-5623 on NE. face.
- 21.00 Head of draw, 50 ft. below spur, drains S. 70° E.; ascend.
- 29.00 Spur, 130 ft. above draw, slopes S. 70° E.; descend.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

35.00 Head of draw, 45 ft. below spur, drains S.70°E.; ascend.

40.00 On S. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S14 | S13

1928

Deposit a limestone, 12 x 3 x 4 ins., marked with a cross (X), at base of post.

44.50 Spur, 130 ft. above the $\frac{1}{4}$ sec. cor., slopes E.; descend abrupt N. slope, entering scattered undergrowth of chokecherry, service berry and sagebrush.

55.00 Draw, 340 ft. below spur, drains NE.; thence along E. slope

64.00 Descend steep NE. slope, entering timber, brs. NE. and SW

67.18 Intersect line 2-3, Silver Star No. 4 lode, survey No. 5623, N. 30°11' W., 21 lks. dist. from cor. No. 3, which is a fir post, 4 x 3 ins., 4 ft. long, set in a mound of stone and marked 3-5623 on SW. face.

74.10 Draw, drains E.

80.00 Point for the cor. of secs. 11, 12, 13, and 14, falls in water course of ravine, 580 ft. below spur, drains SE. Cor. not set.

89.20 Set an iron post, 7 ft. long, 3 ins. diam., 37 ins. in the ground for witness cor. to cor. secs. 11, 12, 13, and 14, with brass cap marked

T5S R4W

S11 | S13

S14 | S13

WC

1928

Raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 2ft. high W. of cor. Land, mountainous; E. and SE. drainage:

Soil, rocky mountain loam; 3rd rate.

Timber, Douglas fir and balsam on portion of mile.

Undergrowth, mahogany, chokecherry, service berry and sagebrush; medium growth of grass. Good grazing land.

From true point for cor. of secs. 11, 12, 13, and 14:

S. 33°53' E., on a random line bet. secs. 12 and 13.

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

89.08 Intersect E. bdy. of Tp., 3 lks. S. of cor. of secs. 12 and 13, T. 5 S., R. 4 W. as described in the field

notes of survey of T. 5 S., R. 3 W., this group.

Thence

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- 1.8 N. 89° 54' W., on true line bet. secs. 12 and 13.
- 1.8 Descend W. slope over mountainous land, through medium dense undergrowth.
- 4.60 Road, brs. S. 15° W., and N. 15° E.
- 6.00 Wash, 30 lks. wide, 3 ft. deep, in bottom of Ophir Canyon, 170 ft. below sec. cor., drains S. 15° W.; descend steep NE. slope.
- 31.50 Spur, 980 ft. above canyon, slopes SE.; descend along S. slope.
- 40.04 On S. slope, 50 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

$$\frac{S\ 12}{\frac{1}{4}} = S\ 13$$
 1928

- Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
 - 43.20 Draw, drains SE.; ascend NE. slope.
 - 50.00 Spur, 40 ft. above draw, slopes SE.; descend steep SW. slope.
 - 72.80 Trail, brs. NW. and SE.
 - 80.08 True point for cor. of secs. 11, 12, 13 and 14, 370 ft. below spur.
- Land, mountainous.
 Soil, rocky mountain loam; 3rd rate.
 No timber.
 Undergrowth, oak, chokecherry, sagebrush and maple.
 Medium growth of grass. Good grazing land.
-
- From true point for cor. of secs. 11, 12, 13 and 14.
 N. 0° 01' W., bet. secs. 11 and 12.
 - Ascend SW. slope over mountainous land, through dense undergrowth of oak, chokecherry, service berry, mahogany and sagebrush.
 - 0.20 The witness cor. to cor. of secs. 11, 12, 13 and 14.
 - 5.90 Trail, brs. NW. and SE.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- 22.40 Spur, 860 ft. above point for sec. cor., projects E.; descend N. slope entering aspen timber and undergrowth of chokecherry and sagebrush, brs. E. and W.
- 36.75 Draw, 490 ft. below spur, drains NE.; thence along E. slope.
- 40.00 On E. slope.
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
- | |
|---------------|
| $\frac{1}{4}$ |
| S 11 \| S 12 |
| 1928 |
- From which
- An aspen, 8 ins. diam., brs. W. 61°30' W., 20 lks. dist., marked $\frac{1}{4}$ S 11 B T.
- An aspen, 8 ins. diam., brs. N. 51° E., 35 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- 40.60 Trail, brs. NE. and SW.
- 57.00 Draw, drains SE.; ascend S. slope.
- 57.25 Trail, brs. NW. and SE.
- 63.00 Leave timber, enter dense chokecherry undergrowth, brs. NW. and SE.
- 74.50 E. side of low divide in ridge, 325 ft. above $\frac{1}{4}$ sec. cor brs. W. and NE.; thence along W. slope.
- 80.00 On W. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 1, 2, 11 and 12, with brass cap marked
- | |
|-------------|
| T5S R4W |
| S 2 \| S 1 |
| S 11 \| S 12 |
| 1928 |
- Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
- Land, mountainous with steep slopes; E. exposure.
- Soil, rocky mountain loam; 2nd and 3rd rate.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

Timber, aspen on portion of mile. Undergrowth, medium dense oak, chokecherry, service berry, mahogany and sagebrush; medium growth of grass. Good grazing land.

S. 89° 54' E., on random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs. 1 and 12, T. 5 S., R. 4 W., as described in the field notes of survey of T. 5 S., R. 3 W., this group.

Thence

N. 89° 47' W., on true line bet. secs. 1 and 12.

Descend SW. slope over mountainous land, through medium dense oak, maple, mahogany and sagebrush, and scattered Douglas fir timber.

7.80 Stream of clear water, 8 lks. wide, 3 ins. deep, in ravine 125 ft. below sec. cor., drains S. 50° E.; ascend NE. slope.

26.00 Spur, 510 ft. above ravine, slopes SE.; descend SW. slope.

33.60 Ravine, 60 ft. below spur, drains SE.; ascend NE. slope, entering scattered aspen timber and medium growth of sagebrush and scattered chokecherry undergrowth, hrs. NW. and SE.

40.07 On NE. slope, 160 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

1/4 S.1 / S 12

1928

From which

An aspen, 6 ins. diam., hrs. N. 33° W., 51 lks. dist., marked 1/4 S 1 B T.

An aspen, 5 ins. diam., hrs. S. 27° 15' E., 118 lks. dist., marked 1/4 S 12 B T.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

- Continue ascent over NE. slope, leaving aspen timber, brs. NW. and SE.
- 64.50 Spur, 940 ft. above $\frac{1}{4}$ sec. cor., slopes SE.; thence along S. slope.
- 66.50 Ridge, brs. NE. and SW.; descend W. slope.
- 80.14 The cor. of secs. 1, 2, 11 and 12, 410 ft. below ridge. Land, mountainous with steep slopes; SE. drainage. Soil, rocky mountain loam; 2nd and 3rd rate. Timber, scattered Douglas fir and aspen on portion of mile. Undergrowth, oak, sagebrush, chokecherry, maple and mahogany; medium growth of grass. Good grazing land.
-
- N. $0^{\circ} 01' W.$, bet. secs. 1 and 2.
- Descend NW. slope over mountainous land, through medium dense sagebrush and scattered chokecherry undergrowth.
- 17.00 Enter aspen timber, brs. E. and W.
- 19.00 Leave aspen timber, brs. E. and W.
- 35.40 Ravine, 245 ft. below sec. cor., drains W.; ascend SW. slope, entering oak brush, brs. E. and W.
- 40.00 On spur, 110 ft. above ravine, slopes W.
- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
 S 2 | S 1
 1930
- Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
- Descend NW. slope.
- 46.30 Ravine, 50 ft. below $\frac{1}{4}$ sec. cor., drains W.; ascend.
- 52.60 Spur, 200 ft. above ravine, slopes W.; descend along W. slope.
- 57.00 Head of ravine, drains W.; ascend SW. slope.

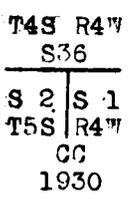
Stations

201300

71.00 Spur, 200 ft. above ravine, slopes NW.; descend NW. slope.
 81.06 On NW. slope 200 ft. below spur.

Intersect N. bdy. of Tp., S. 89°12'W., 16.58 chs. dist.
 from a std. cor. S. bdy. sec. 36, T. 4 S., R. 4 W.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground for closing cor. of secs. 1 and 2, with
 brass cap marked



From which
 A lone balsam, 12 ins. diam., hrs. S. 7°15'W., 58
 lks. dist., marked T 5 S R 4 W S 2 CC BT.

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

Land, mountainous; % exposure.
 Soil, rocky mountain loam; 2nd rate.
 Timber, aspen on portion of mile.
 Undergrowth, medium dense sagebrush, oak and scattered
 chokecherry; medium growth of grass.
 Good grazing.

From the standard cor. of secs. 34 and 35, on S. bdy. of
 Tp., as described in the field notes of survey of
 T. 6 S., R. 4 W., this group.

Thence
 N. 0° 02'W., bet. secs. 34 and 35.

Ascend S. slope over mountainous land, through scattered
 timber and medium dense undergrowth.

10.00 Spur, 270 ft. above stand. sec. cor., slopes SW.; ascend
 SW. slope.

18.00 Spur, 410 ft. above stand. sec. cor., projects W.;
 descend NE. slope.

27.10 Ravine, 260 ft. below spur, drains NW.; ascend

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

32.00 Top of ascent, 10 ft. above ravine, slopes W.; descend NW. slope.

40.00 On NW. slope, 125 ft. below top of ascent. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S34 | S35
1928

From which

A juniper, 5 ins. diam., brs. S.59°15'E., 232 lks. dist., marked $\frac{1}{2}$ S 35 B T.

A juniper, 5 ins. diam., brs. S.56°45'W., 92 lks. dist., marked $\frac{1}{4}$ S 34 B T.

46.07 Intersect line 1-2, Gold Bug No. 3 lode, survey No. 3356, S. 27° 20'E., 4.55 chs. dist. from cor. No. 1, identical with cor. No. 2, Gold Bug No. 4 lode, survey No. 3356, which is a post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 1-2- 3356 on E. face.

55.63 Intersect line 1-4, Gold Bug No. 4 lode, survey No. 3356, N.77° 47'E., 4.39 chs. dist. from cor. No. 1, which is a post, 4 ins. sq., 3 ft. long, set in a mound of stone, and marked 1-3356 on SE. face.

56.00 Bottom of Silverado Canyon; 75 ft. below $\frac{1}{4}$ sec. cor., drains S. 60°W.; old road along bottom of canyon; ascend SE. slope.

80.00 On spur, 225 ft. above canyon, slopes SW. Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap marked

T5S R4W
S27 | S26
S34 | S35

1928

From which.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

A juniper, 4 ins. diam., brs. N. 50° 30' E., 163 lks.
 dist., marked "BT" only.

A pinon, 8 ins. diam., brs. S. 47° E., 94 lks.
 dist., marked "5 S R 4 W S 35 B T".

A pinon, 4 ins. diam., brs. S. 13° 30' W., 198 lks.
 dist., marked "BT" only.

Land, mountainous; W. exposure.

Soil, rocky clay loam; 3rd rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, medium dense sagebrush; medium growth of
 grass. Good grazing land.

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

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

79.70 Intersect N. and S. line, .5 lks. N. of the cor. of
 secs. 25, 26, 35 and 36; thence
 N. 89° 58' E., on true line bet. secs. 26 and 35.
 Ascend along S. slope over mountainous land, through
 scattered timber and medium dense undergrowth.

2.50 Top of ascent, 40 ft. above sec. cor., slopes S.;
 descend along S. slope.

22.00 Bottom of descent, 175 ft. below top of ascent, slopes
 S.; ascend along S. slope.

38.00 Spur, 150 ft. above bottom of descent, slopes SW.;
 descend NW. slope.

39.85 On NW. slope, 45 ft. below spur.
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in.
 the ground on solid rock and 24 ins. in a mound of
 stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S. 26}{S. 35} /$$

1928

From which

A pinon, 12 ins. diam., brs. N. 26° W., 26 lks.
 dist., marked $\frac{1}{4}$ S 26 B T.

A pinon, 6 ins. diam., brs. S. 70° E., 39 lks.

SUBDIVISION OF T. 36 N., R. 36 E., S. 26 E.

Chains
 dist., marked $\frac{1}{2}$ S 35 E to marked $\frac{1}{2}$ S 35 E
 55.50 Ravine, 450 ft. below $\frac{1}{2}$ sec. cor., drains SW.; ascend SE; slope.
 52.00 Spur, 150 ft. above ravine, slopes SW.; descend W. slope
 77.80 Draw, 350 ft. below spur, drains S.; ascend.
 78.30 Old road, hrs. NW. and SE.
 79.70 The cor. of secs. 25, 27, 34 and 35.
 Land, mountainous; drainage SW.
 Soil, rocky clay loam; 3rd rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, medium dense sagebrush and scattered oak and mahogany; medium growth of grass.
 Good grazing land.

N. 0° 02' W., bet. secs. 26 and 27.

Along W. slope over mountainous land, through scattered timber and medium dense undergrowth.

9.75 Old road, hrs. NW. and SE.
 12.00 Head of draw, drains SW.; ascend SW. slope
 19.00 Divide of drainage between Silverado Canyon and Ophir Canyon, hrs. E. and W.; low pass in divide hrs. W. about 10 chs. Continue ascent over SW. slope.
 25.75 Top of ascent, 230 ft. above sec. cor., slopes W.; descend NW. slope.
 29.50 Ravine, 75 ft. below top of ascent, drains NW.; ascend.
 35.00 Spur, 70 ft. above ravine, slopes N. 50° W.; descend.
 40.00 On N. slope, 170 ft. below spur.
 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked



From which

A pinon, 6 ins. diam., hrs. S. 75° E., 58 lbs.

Subdivision of T. 5 S., R. 4 W.

Chains

- dist., marked $\frac{1}{4}$ S 26 B T.
- A pinon, 5 ins. diam., brs. N. 39°W., 29 lvs.
- dist., marked $\frac{1}{2}$ S 27 B T.
- 41.70 Ravine, 20 ft. below $\frac{1}{4}$ sec. cor., drains N. 60°W.; ascend SW. slope.
- 45.00 Top of ascent, 50 ft. above ravine, slopes W.; descend.
- 52.25 Ravine, 130 ft. below top of ascent, drains W.; ascend S. slope.
- 55.05 Intersect line 2-3, Hill Side Mining Claim lode, survey No. 3343, S. 49° 48'W., 235 lvs. dist. from cor. No. 3, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 3-3343 on W. face.
- 58.50 Spur, 150 ft. above ravine, slopes W.; descend broken N. slope.
- 66.92 Intersect line 1-6, Hill Side Mining Claim lode, survey No. 3343, S. 50°W., 4.88 chs. dist. from cor. No. 6, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 6-3343 on SW. face.
- 80.00 On old mill dump on S. side of Ophir Canyon, 640 ft. below spur.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T5S	R4W
S22	S23
S27	S26

1928

From which

- A pinon, 4 ins. diam., brs. S. 75°30'E., 118 lvs. dist., marked T 5 S R 4 W S 26 B T.
- A pinon, 6 ins. diam., brs. S. 6°45'W., 198 lvs. dist., marked T 5 S R 4 W S 27 B T.

Land, mountainous with W. exposure.
 Soil, shallow rocky loam; 3rd and 4th rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, medium dense sagebrush; medium growth of grass. Good grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
	S. 89° 58' E., on random line bet. secs. 23 and 26.
39.30	Set temp. witness cor. to $\frac{1}{4}$ sec. cor.
40.00	Point falls on ledge facing E. where it is impracticabl to leave point.
79.80	Intersect N. and S. line, 3 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence
	N. 89° 57' W., on true line bet. secs. 23 and 26.
	Descend along steep and broken N. slope, through medium dense timber and scattered undergrowth.
29.69	Intersect line 1-2, Mc Kinley No. 3 lode, survey No.; . 4580, S. 22° 31' E., 78 lks. dist. from cor. No. 1, identical with cor. No. 2, Mc Kinley No. 2 lode, survey No. 4580, which is a pine post, 6 ins. diam., 4 ft. long, set in a mound of stone and marked 1-2- .4580 on SW. face.
35.50	Rocky draw, 625 ft. below sec. cor., drains N. 15° W.; ascend abrupt NW. slope.
39.90	Point for $\frac{1}{4}$ sec. cor., on face of ledge where it is impracticable to set cor. Cor. not set.
40.50	On point of rocky spur, 75 ft. above draw, slopes N. 15° W. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{\frac{1}{4}}{S\ 23} \text{ WC}$ $S\ 26$
	From which 1930.
	A pinon, 6 ins. diam., brs. N. 26° E., 15 lks. dist., marked W C $\frac{1}{4}$ S 23 B T.
	A pinon, 8 ins. diam., brs. S. 69° E., 12 lks. dist., marked W C $\frac{1}{4}$ S 26 B T.
	Descend rocky NW. slope.
48.50	Rocky draw, 250 ft. below spur, drains N. 15° W.; ascend.
51.00	Rocky point of spur, 50 ft. above draw, slopes NW.;

SUBDIVISION OF T. 5 S., R. 4 W.

- Chains
- descend rocky NW. slope.
- 53.93 Intersect line 3-4, Mc Kinley No. 2 lode, survey No. 4580, S. 23°31' E., 1.99 chs. dist. from cor. No. 4, identical with cor. No. 3, Mc Kinley No. 1 lode, survey No. 4580, which is a pine post, 6 ins. diam., 4 ft. long, set in a mound of stone and marked 3-4-4580 on E. face.
- 69.11 Intersect line 2-3, New President lode, survey No. 4580, N. 46°51' E., 3.52 chs. dist. from cor. No. 3, which is a pine post, 6 ins. diam., set in a mound of stone, and marked 3-4580 on N. face.
- 77.81 Intersect line 3-4, New President lode, survey No. 4580, N. 23°31' W., 3.37 chs. dist. from cor. No. 3, heretofore described.
- 77.98 Intersect line 1-4, Challenger lode, survey No. 4786, N. 41°13' E., 71 lks. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 4-4786 on N. face.
- 79.09 Intersect line 3-4, Challenger lode, survey No. 4786, N. 50°11' W., 37 lks. dist. from cor. No. 4, heretofore described.
- 79.80 The cor. of secs. 22, 27, 28 and 27, 275 ft. below spur. Land, mountainous, with steep and rocky slopes; N. exposure. Soil, shallow rocky loam; 3rd and 4th rate. Timber, Douglas fir, balsam, juniper and pinon. Undergrowth, scattered oak, mahogany and serebrush. Medium growth of grass; poor grazing land.
- N. 0°02' W., bet. secs. 22 and 27.
- Descend N. slope over mountainous land, through medium dense undergrowth of sagebrush, oak and mahogany.
- 0.69 Intersect line 3-4, Challenger lode, survey No. 4786, N. 50°11' W., 1.83 chs. dist. from cor. No. 4, heretofore described.
- 0.77 Intersect line 46-47, Ophir townsite, S. 35°40' W., 50 lks. dist. from proportionate point for cor. No. 46.
- 1.25 Wash, 40 lks. wide, 3 ft. deep, in bottom of Ophir Canyon, 40 ft. below the $\frac{1}{4}$ sec. cor., drains S. 55° W.; ascend steep and rocky S. slope.
- 1.60 Telephone line, bears NE. and SW.
- 1.70 Road, brs. S. 55° W. to Stockton, Utah and N. 55° E. to Ophir, Utah:

SUBDIVISION OF T. 3 S., R. 4 W.

Chains	
2.00	St. John and Ophir railway track, brs. N. 64°45' E., and southwesterly on curve.
3.28	Intersect line 2-3, Ophir townsite, S. 52°15' W., 2.51 ch dist. from proportionate point for cor. No. 3.
11.63	Intersect line 2-3, Challenger lode, survey No. 4786, N. 41°25' E., 8.46 chs. dist. from cor. No. 3, which is a dressed pine post, 4 ins. sq., 5 ft. long, set in a mound of stone and marked 3-4786 on E. face.
29.00	Top of ascent, 1060 ft. above canyon, slopes SE.; abrupt descent over ledge 75 ft. high. Enter dense mahogany undergrowth, brs. NW. and SE.
32.13	Intersect line 3-4, Jews Harp lode, survey No. 4786, N. 70°02' W., 2.70 chs. dist., from cor. No. 4, which is a pine post, 4 ins. sq., 5 ft. long, set in a mound of stone and marked 4-4786 on NW. face. Cor. is witnessed by two bearing trees.
37.80	Ravine, 120 ft. below top of ascent, drains SE.; ascend S. slope.
40.00	On S. slope, 140 ft. above ravine. 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
	$\frac{1}{4}$ S22 | S23 1928
	Raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.
50.00	Spur, 300 ft. above the $\frac{1}{4}$ sec. cor., slopes SE.; descend NE. slope.
60.27	Intersect line 3-4, Montana lode No. 1, survey No. 4786, N. 20°25' E., 98 lks. dist. from cor. No. 4, identical with cor. No. 2, Montana No. 2 lode, survey No. 4786, which is a juniper post, 4 ins. diam., 5 ft. long, set in a mound of stone and marked 2-4-4786 on E. face.
60.50	Ravine, 290 ft. below spur, drains SE.; ascend SE. slope.
80.00	On SE. slope, 220 ft. above ravine.

U.S. SUBDIVISION OF T15B-81, R. 4 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground on solid rock and 8 ins. in a mound of stone, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T5S	R4W
S15	S14
622	S23

1928

Raise a mound of stone, 3 1/2 ft. base, 3 ft. high W. of cor. From this cor., U.S. Mineral Monument No. 7, which is a dressed juniper post, 6 ins. sq., extending 18 ins. above a mound of stone and earth, with 5 ft. base, 3 ft. high, marked U S M M No 7 on W. face, brs. S. 40°21' E., 54.55 chs. dist.

Land, mountainous with steep and rocky slopes.

Soil, rocky mountain loam; 3rd and 4th rate.

No timber.

Undergrowth, sagebrush, mahogany, and oak; medium growth of grass. Fair grazing land.

S. 89°57' E., on random line, bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence

N. 89°53' W., on true line, bet. secs. 14 and 23.

Ascend SE. slope over mountainous land, through dense mahogany and scattered oak and sagebrush undergrowth.

1.24 Intersect line 1-4, Struck It lode, lot No. 134, S. 66° 40' W., 3.97 chs. dist. from point for cor. No. 4.

No trace of any of the cors. of this survey could be found, and its position is determined with reference to its conflict with Glen lode, survey No. 5014.

1.90 Intersect line 1-4, Chrisopolis Easterly lode, lot No. 133, N. 42°41' E., 3.22 chs. dist. from cor. No. 1, hereinafter described.

5.60 Spur, 260 ft. above sec. cor., projects S.; descend broken W. slope.

5.92 Intersect line 2-3, Chrisopolis Easterly lode, lot No. 133, N. 44°13' E., 42 lks. dist. from cor. No. 2, which is a post, 2 x 4 ins.; 4 ft. long, set in an old mound of stone and marked U S 133-2-4- U S 173.

SUBDIVISION OF CL. LODES, E. 4th.

Chains

BRASS

- 19.42 Intersect line 3-4, Admiral Dewey No. 1 lode, survey No. 5473, N. $3^{\circ}19'$ E., 9.94 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of earth and stone, scribed 4-1-5473 on NW. face.
- 34.50 Ravine, 530 ft. below spur, drains S.; ascend E. slope.
- 39.85 On E. slope, 75 ft. above ravine.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | |
|---------------|
| S14 |
| $\frac{1}{4}$ |
| 823 |
| 1928 |
- From which:
- A pinon, 5 ins. diam., brs. N. $60^{\circ}30'$ E., 20 lks. dist., marked $\frac{1}{4}$ S 14 B T.
- A mahogany, 5 ins. diam., brs. S. $2^{\circ}30'$ E., 48 lks. dist., marked $\frac{1}{4}$ S 25 B T.
- 40.81 Intersect line 1-2, Dewey No. 3 lode, survey No. 5473, S. $0^{\circ}30'$ E., 7.34 chs. dist. from Cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, set in old mound of stone and marked 2-5473 on SE. face.
- 40.93 Intersect line 3-4, Wild Delirium lode, lot No. 88, South, 14.42 chs. dist. from cor. No. 3, which is a pinon post, 3 ins. diam., set in a mound of stone and marked U S L 88 3 on SW. face.
- 43.20 Intersect line 1-2, Wild Delirium lode, lot No. 88, South, 14.42 chs. dist. from cor. No. 2, which is a pinon post, 4 ins. diam., set in a mound of stone and marked U S L 88 2 on SE. face.
- 47.01 Intersect line 3-4, Our Boys lode, survey No. 8301, S. $44^{\circ}53'$ E., 71 lks. dist., from cor. No. 4, which is a post, 8 ins. sq., 4 ft. long, set in a mound of stone and marked 4-8301 on S. face.
- 50.00 Spur, 210 ft. above $\frac{1}{4}$ sec. cor., slopes S.; descend N. slope leaving timber, and entering dense mahogany, brs. N. and S.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
53.10	Old road, brs. N. and S.
54.70	Old tram from mine to bottom of Ophir Canyon, brs. N.
	and S.
57.50	Ravine, 170 ft. below spur, drains S.; ascend SE. slope.
68.00	Old road, brs. NE. and SW.
68.75	Old road, brs. NE. and SW.
70.00	Spur, 250 ft. above ravine, slopes S.; descend SW. slope
71.60	Trail, brs. NW. and SE.
72.66	Intersect line 1-2, General Sherman lode, survey No.
	4932, N. 21° 50' E., 8.70 chs. dist. from cor. No. 2,
	which is a mahogany post, 3 ins. diam., 4 ft. long,
	set in mound of stone and marked 2-4932 on NE. face.
75.40	Ravine, 110 ft. below spur, drains S. 15° W.; ascend.
79.70	The cor. of secs. 14, 15, 22 and 23, 15 ft. above ravine.
	Land, mountainous with steep and rocky slopes; S.
	drainage and exposure.
	Soil, rocky clay loam; 3rd and 4th rate.
	Timber, scrub juniper and pinon on portion of mile.
	Undergrowth, mahogany, oak and sagebrush; medium
	growth of grass. Good grazing land.
	N. 0° 02' W., bet. secs. 14 and 15.
	Ascend SE. slope over mountainous land, through dense
	mahogany and scattered sagebrush undergrowth.
2.42	Intersect line 2-3, Silver Crown lode, survey No. 5286,
	S. 77° 06' W., 9.12 chs. dist. from con. No. 2, which
	is a juniper post, 8 ins. sq., 4 ft. long, set in a
	mound of stone and marked 2-5286 on N. face.
4.50	Trail, brs. NW. and SE.
19.50	Top of rocky ridge, 975 ft. above sec. cor., brs. N. 30°
	E., and S. 30° W.; thence along W. slope entering
	fir timber, brs. NE. and SW.
26.60	Draw, 40 ft. below ridge, drains S. 60° W.; ascend S.
	slope, leaving timber, enter medium growth of sage-
	brush and scattered chokecherry, brs. E. and W.

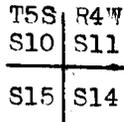
SUBDIVISION OF T. 5 S., R. 14 W.

Chains	
31.00	Old road, hrs. NW. and SE.
34.90	From this point, U.S. Mineral Monument No. 4, Ophir Mining District, which is a hewed post, 6 ft. long, 4 ins. sq., set in large mound of stone and marked U S 4 on N. face, hrs. S. 56° 13'E., 9.31 chs. dist.
35.50	Point of spur, 225 ft. above draw, slopes W.; descend NW. slope, entering fir timber, hrs. E. and W.
40.00	On NW. slope, 110 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
$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 15 \text{ } | \text{ } \text{S } 14 \\ | \\ 1928 \end{array}$	
	From which A balsam, 5 ins. diam., hrs. S. 39° 45'E., 39 lks. dist., marked S 14 B T. A balsam, 6 ins. diam., hrs. S. 61° 30'W., 54 lks. dist., marked S 15 B T.
	Continue descent over NW. slope, leaving fir timber, enter scattered aspen timber, and medium growth of chokecherry, oak and sagebrush undergrowth, hrs. NE. and SW.
45.90	Old road, hrs. NE. and SW.
50.40	Old road, hrs. NE. and SW.
52.50	Ravine, 300 ft. below $\frac{1}{2}$ sec. cor., drains S. 70°W.; ascend SW. slope.
56.60	Old road, hrs. NW. and SE.
59.00	Top of ascent, 110 ft. above ravine, slopes W.; descend.
60.10	Old road, hrs. N. 15°E., and S. 15°W.
63.80	Ravine, 40 ft. below spur, drains W.; ascend.
66.50	Old road, hrs. N. 30°W., and S. 30°E.
70.00	Top of ascent, 150 ft. above ravine, slopes W.; descend NW. slope, leaving aspen timber, hrs. NE. and SW.
75.00	Ravine, 30 ft. below top of ascent, drains W.; ascend SW. slope.
80.00	On SW. slope, 100 ft. above ravine.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

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



1930

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor. From this cor., U.S. Mineral Monument No. 6, Ophir Mining District, which is a decayed stump of tree with a decayed stump of post, 4 ins. diam. on N. side, located 10 lks. S. of center of S. wall of remains of old foundation of house, hrs. S. 63° 34' W., 32.20 chs. dist.

I remonument this mineral monument as follows:-

In center of decayed stump of decayed tree, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and 9 ins. in a mound of stone, for U.S. Mineral Monument No. 6, with brass cap marked



1930

From which

A Balsam, 8 ins. diam., hrs. S. 67° 10' W., 193 lks. dist., marked U S M M No. 6, B T.

Note:- The decayed stump of tree was identified to me on the ground by W. G. Mitchell, geologist for Mona Mining Co., Ophir Mining District, as being the stump of tree originally marked for Mineral Monument No. 6, described in the records as a fir tree, 17 ins. diam. located 2 ft. E. of SE. cor. of the Mona boarding house. Mr. Mitchell informed me that the Mona boarding house, by which the mineral monument was located, was replaced by a larger building in 1890, and that the mineral monument was located near the center on south side of the new building. and that

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	and s
	the tree marked for mineral monument was destroyed, but the position of the mineral monument was marked by placing a post along side of the stump of tree. The boarding house of the Mons Mining Co., built in 1890 has been moved, so only the foundation remains.
	Land, mountainous with steep slopes.
	Soil, rocky mountain loam; 2nd and 3rd rate.
	Timber, Douglas fir, balsam and scattered aspen on portions of mile.
	Undergrowth, mahogany, sagebrush, oak and chokecherry.
	Medium growth of grass. Good grazing land.
	—————
	S. 89° 58'E., on random line bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line, 7 lks. N. of point for. true cor. of secs. 11, 12, 13 and 14, which is 20 lks. S. 0° 02'E. from witness cor.
	Thence
	N. 89° 55'W., on true line bet. secs. 11 and 14.
	Ascend SE. slope over mountainous land, through scattered timber and medium dense undergrowth.
16.00	Draw, drains S. 60°E.; ascend NE. slope.
37.00	Ascend along N. slope.
38.61	Intersect line 3-4, Japan No. 4 lode, survey No. 5557, S. 6° 26'W., 11.17 chs. dist. from cor. No. 3, which is a pine post, 6 ins. diam., 4 ft. long set in a mound of stone and marked 3-5557 on SW. face.
39.92	On steep N. slope, 1025 ft. above sec. cor. 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
	$\frac{1}{4} \frac{S 11 \checkmark}{S 14}$
	1930
	From which
	A balsam, 8 ins. diam., brs. N. 3° 30'E., 39 lks.

SUBDIVISION OF T. 5 S., R. 4 W.

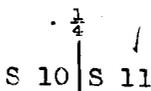
Chains	
	. . . dist., marked $\frac{1}{2}$ S 11 B T.
43.60	A balsam, 7 ins. diam., hrs. S. 27° W., 29 lks.
	. . . dist., marked $\frac{1}{2}$ S 14 B T.
43.60	Draw, drains NE.; ascend steep E. slope.
48.00	Leave timber, hrs. NE. and SW.
48.65	From this point, small spring of clear water, hrs. S. 2° 10' W., 6.50 chs. dist.
56.50	Ridge, 510 ft. above $\frac{1}{2}$ sec. cor., hrs. N. and S.; descend SW. slope.
56.93	Intersect line 1-2, Japan No. 2 lode, survey No. 4576, S. 6° 26' W., 1.85 chs. dist. from cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 2-4576 on SE. face.
62.20	Intersect line 2-3, Idemonta lode, survey No. 3478, N. 35° 28' W., 2.09 chs. dist. from cor. No. 3, which is a dressed pine post, 4 ins. sq., extending 3 ft. above the ground and marked 3-3478 on W. face. Post is badly decayed near the ground.
79.84	The cor. of secs. 10, 11, 14 and 15, 700 ft. below ridge. Land, mountainous with steep slopes. Soil, rocky mountain loam; 2nd and 3rd rate. Timber, scattered Douglas fir, balsam and aspen on portion of mile. Undergrowth, medium dense sagebrush, oak, chokecherry and service berry; medium growth of grass. Good grazing land.
	N. 0° 02' W., bet. secs. 10 and 11.
	Ascend SW. slope over mountainous land, through medium dense undergrowth.
32.00	Ridge, 770 ft. above sec. cor., hrs. N. 80° E., and S. 80° W. Low pass in ridge hrs. S. 90° W. about 5 chs; descend NW. slope.
34.00	From this point, NE. cor. of log cabin, 12 x 14 ft., hrs. N. 59° W.; enter scattered fir timber, hrs. NE. and SW.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

36.30 Intersect line 3-4, Black Swan lode, survey No. 3478, S. 56° 20'E., 2.66 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3478 on S. face.

40.00 On NW. slope, 125 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



1930

From which

A Douglas fir, 18 ins. diam., brs. N.29°30'E., 127 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A Douglas fir, 10 ins. diam., brs. S.24°15'W., 147 lks. dist., marked $\frac{1}{4}$ S 10 B T.

From this $\frac{1}{4}$ sec. cor., NE. cor. of log cabin, brs. N.87°

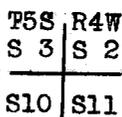
51.06 Intersect line 1-4, Prince of Wales lode, survey No. 6221, S. 13° 29'W., 6.61 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 5 ft. long, set in a mound of stone and marked 6221-4 on SW. face. Post is partly decayed.

66.94 Intersect line 3-4, Prince of Wales No. 5, lode, survey No. 6221, N. 63° 21'W., 7.55 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 4 ft. long set in a mound of stone and marked 6221-4 on SW. face.

78.50 Draw, 770 ft. below $\frac{1}{4}$ sec. cor., drains NW.; thence along W. slope.

80.00 On W. slope, 5 ft. above draw.

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



1930

From which

A balsam, 7 ins. diam., brs. N.23°15'E., 31 lks.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

dist., marked T 5 S R 4 W S 2 B T.

A balsam, 12 ins. diam., brs. S. 38° 15' E., 46 lbs.

dist., marked T 5 S R 4 W S 11 B T.

An aspen, 5 ins. diam., brs. S. 29° W., 20 lbs.

dist., marked T 5 S R 4 W S 10 B T.

A balsam, 6 ins. diam., brs. N. 61° W., 9 lbs.

dist., marked T 5 S R 4 W S 3 B T.

Land, mountainous with steep slopes.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, scattered balsam, Douglas fir and aspen on portion of mile.

Undergrowth, medium dense sagebrush, oak, chokecherry and service berry; medium growth of grass.

Good grazing land.

S. 89° 55' E., on random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect N. and S. line, 14 lks. S. of cor. of secs. 1, 2, 11 and 12.

Thence

S. 89° 59' W., on true line bet. secs. 2 and 11.

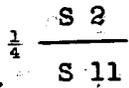
Descend NW. slope over mountainous land, through medium dense undergrowth.

9.25 Head of ravine, 75 ft. below sec. cor., drains NW.; ascend steep NE. slope.

20.00 Enter medium dense timber, brs. N. and S.

39.90 Top of ascent, 300 ft. above head of ravine, slopes N.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



From which

A balsam, 12 ins. diam., brs. N. 55° E., 10 lbs.

dist., marked 1/4 S 2 B T.

SUBDIVISION OF T. 6 S., R. 4 W.

Chains	
	<p>A balsam, 14 ins. diam., brs. E. 17° W., 12 lbs. dist., marked $\frac{1}{2}$ S 11 S T.</p> <p>Thence along N. slope.</p>
42.70	Draw, drains NE.; ascend E. slope, entering scattered timber, brs. NE. and SW.
58.00	Ridge, 500 ft. above $\frac{1}{4}$ sec. cor., brs. N. and S.; descend steep W. slope.
79.80	The cor. of secs. 2, 3, 10 and 11, 750 ft. below ridge. Land, mountainous with steep slopes; N. exposure. Soil, rocky mountain loam, 2nd to 4th rate. Timber, balsam, Douglas fir and scattered aspen. Undergrowth, medium dense sagebrush, chokecherry and oak; medium growth of grass. Good grazing land.
<hr/>	
	<p>N. 0° 02' W., bet. secs. 2 and 3.</p> <p>Descend NW. slope over mountainous land; through medium dense sagebrush and scattered mahogany and oak undergrowth and scattered timber:</p>
19.40	Draw, 350 ft. below sec. cor., drains NW.; ascend SE. slope.
25.00	Top of ascent, 20 ft. above draw, slopes W.; descend NW. slope.
32.00	Leave timber, enter dense undergrowth of oak, chokecherry and scattered mahogany, brs. NW. and SE.
40.00	On NW. slope, 175 ft. below top of ascent. 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
	$\begin{array}{r} \frac{1}{4} \\ S\ 3\ \big| \ S\ 2 \\ 1930 \end{array}$
	Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high $\frac{1}{4}$ of cor.
44.00	Draw, 30 ft. below $\frac{1}{4}$ sec. cor., drains NW.; ascend SW. slope.
53.00	Spur, 80 ft. above draw, projects NW.; abrupt descent.

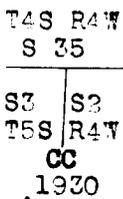
SUBDIVISION OF T. 5 S., R. 4 W.

Chains

58.50 Over N. slope, entering dense timber, brs. NW. and SE.
 Leave timber, enter dense undergrowth of chokecherry,
 oak and maple, brs. NW. and SE.
 79.71 On N. slope, 1075 ft. below spur.
 Intersect N. bdy. of Tp., S. 39°13' W., 17.20 chs. dist.
 from $\frac{1}{4}$ sec. cor. sec. 35, T. 4 S., R. 4 W.

At point of intersection:

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



From which

A maple, 5 ins. diam., brs. S. 5° E., 7 lks.
 dist., marked T 5 S R 4 W S 2 CC B T.

A maple, 5 ins. diam., brs. S. 75° W., 3 lks.
 dist., marked T 5 S R 4 W S 3 CC B T.

Land, mountainous; NW. drainage.
 Soil, rocky mountain loam; 2nd and 3rd rate.
 Timber, scattered Douglas fir, balsam and aspen on
 portion of mile.
 Undergrowth, medium dense oak, sagebrush, mahogany,
 chokecherry and maple. Medium growth of grass.
 Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of survey executed by C.L. Craig,
 U.S. Deputy Surveyor in 1856, subsequently
 resurveyed by Wm. Bredemeyer, U.S. Deputy
 Surveyor, in 1875.

From the standard cor. of secs. 3, 4, 33, and 34, on S.
 bdy. of Tp., described in the field notes of survey
 of T. 6 S., R. 4 W.; thence
 N. 2°08' W., on true line bet. secs. 33 and 34.
 Over rolling hills, through medium growth of scrib
 timber and medium dense undergrowth.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains			
16.00	Top of ascent, 60 ft. above standard sec. cor., slopes W.; descend.		
20.00	No evidence of witness cor: to $\frac{1}{4}$ sec. cor. established by C.L. Craig, U.S. Deputy Surveyor, in 1858, found. Reestablishment of surveys executed by Wm. Bredemyer, U.S. Deputy Surveyor in 1875.		
	From the 20.00 chs. point, continue N. $2^{\circ}08'$ W., with continuous measurement.		
24.40	Bottom of Silvarado Canyon, 40 ft. below top of ascent, drains W.; old road along bottom of canyon; ascend S. slope.		
30.00	Spur, 75 ft. above bottom of canyon projects W.; descend N. slope.		
35.00	Draw, 60 ft. below spur, drains NW.; ascend over gradual SW. slope.		
35.47	Intersect line 1-4, Yankee Girl lode, survey No. 3403, N. $34^{\circ}23'$ W., 50 lks. dist. from cor. No. 1, which is a juniper post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 1-3403 on W. face.		
40.05	Point for the $\frac{1}{4}$ sec. cor., established at record course and dist., "S. 57° W., 10 lks.", from bearing tree, a juniper, 10 ins. diam., blazed on W. face, with scribe marks which are illegible. From this point for $\frac{1}{4}$ sec. cor., cor. No. 1, Cedar Hill lode, survey No. 3349, identical with cor. No. 1, Doll Faunce lode, same survey, brs. N. $49^{\circ}26'$ E., 2.41 chs. dist., which agrees with record tie in notes of survey No. 3349.		
	I remonument this $\frac{1}{4}$ sec. cor., at point established from bearing tree as follows.		
	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		
	<div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td style="padding: 5px;">S-33</td> <td style="padding: 5px;">S-34</td> </tr> </table> <p>1926</p> </div>	S-33	S-34
S-33	S-34		
	From which A juniper, 7 ins. diam., brs. S. $60^{\circ}15'$ W., 19 lks,		

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

dist., marked $\frac{1}{2}$ S 33 B T.

Thence

N. $1^{\circ} 59' E.$, with continuous measurement.

43.84 Intersect line 1-2, Cedar Hill lode, survey No. 3349, N. $37^{\circ} 15' W.$, 2.80 chs. dist. from cor. No. 1, identical with cor. No. 1, Dolly Saunce lode, survey No. 3349, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked $\frac{1}{2}$ -3349 on NE., and 1-3349 on SE. face.

56.00 Spur, 115 ft. above sec. cor., slopes N. $80^{\circ} W.$; descend,

58.29 Intersect line 5-6, Cedar Hill lode, survey No. 3349, S. $37^{\circ} 15' E.$, 1.18 chs. dist. from cor. No. 5, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 5-3349 on S. face.

60.80 Ravine, 75 ft. below spur, drains N. $70^{\circ} W.$, ascend along SW. slope.

80.10 Point for the closing cor. of secs. 32 and 34.

80.63 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 29 and 33 only, with brass cap marked

T5S
S29
—
S33
R4W

1926

From which

A juniper, 7 ins. diam., hrs. S. $53^{\circ} W.$, 49 lbs. dist., marked T 5 S R 4 $\frac{1}{2}$ S 33 B T.

A juniper, 4 ins. diam., hrs. N. $23^{\circ} 30' W.$, 20 lbs. dist., marked "RT" only.

Land, rolling hills; drainage to W.

Soil, gravelly and sandy loam; 3rd rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, medium dense sagebrush; medium growth of grass. Good grazing land.

U. S. Mineral Monument No. 3 could not be found.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

From the cor. of secs. 26, 27, 34 and 35.

West, on true line bet. secs. 27 and 34.

Descend over mountainous land, through medium dense scrub timber and medium dense undergrowth.

2.50 Draw, 20 ft. below sec. cor., drains SW.; ascend .

6.00 Top of ascent, 25 ft. above draw, slopes SW.; descend.

11.80 Draw, 110 ft. below top of ascent, drains SW.; ascend E. slope.

22.00 Spur, 80 ft. above draw, slopes S.; descend W. slope .

26.50 Draw, 40 ft. below spur, drains S.; ascend SE. slope.

40.00 On spur, 160 ft. above draw, slopes SW.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 27

S 34

1928

From which

A pinon, 7 ins. diam., brs. S. 12° 45' W., 77 lks. dist., marked $\frac{1}{4}$ S 34 B T.

A pinon, 12 ins. diam., brs. N. 41° 45' W., 120 lks. dist., marked $\frac{1}{4}$ S 27 B T.

Descend along S. slope.

55.40 Ravine, 300 ft. below $\frac{1}{4}$ sec. cor., drains SW.; ascend.

72.75 Spur, 40 ft. above ravine, slopes SW.; descend W. slope.

88.42 On W. slope, 280 ft. below spur.

Intersect E. bdy. of sec. 33, S. 1° 59' W., 53 lks. dist. from cor. of secs. 28 and 33.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground on solid rock and 30 ins. in a mound of stone for closing cor. of secs. 27 and 34, with brass cap marked

T5S

S 27

S 33

R4W

1928

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

From which

A juniper, 4 ins. diam., hrs. N.48°30'E., 44 lvs.
dist., marked "CC BT" only.

A juniper, 10 ins. diam., hrs. S.69°15'E., 44 lvs.
dist., marked T 5 S R 4 W S 34 CC BT.

Land, mountainous with a SW. exposure and drainage.

Soil, rocky and gravelly clay loam; 3rd rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, medium dense sagebrush; medium growth of
grass. Good grazing land.

DEPARTMENT OF SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of surveys executed by Wm.
Bredemeyer, U.S. deputy surveyor in 1875.

From the cor. of secs. 28 and 33.

N. 1° 58' W., on true line along E. bdy. of sec. 28.

Descend along W. slope, over rolling hills, through
medium growth of scrub timber and medium dense
undergrowth.

1.50 Ravine, 10 ft. below sec. cor., drains S. 15° W.; ascend
SE. slope.

8.00 Spur, 115 ft. above sec. cor., projects SW.; descend
N. slope.

11.40 Ravine, 75 ft. below spur, drains S. 20° W.; ascend.

15.00 Spur, 80 ft. above ravine, projects W.; descend.

18.50 Head of ravine, 60 ft. below spur, drains W.; ascend.

23.00 Spur, 30 ft. above ravine, projects W.; descend steep
N. slope.

34.75 Wash, 50 lvs. wide, 4 ft. deep, in bottom of Ophir
Canyon, 300 ft. below spur, drains S. 75° W.; ascend.

36.90 Track of St. John and Ophir Rv., on curve, hrs.
northeasterly and northwesterly.

37.80 Road, hrs. N. 70° E. to Ophir, Utah and S. 70° W. to
Stockton, Utah.

38.80 Telephone line, hrs. E. and W.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

39.64 Mid-point between the closing cor. of secs. 27 and 34,
and closing cor. of secs. 22 and 27.

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



1928

From which

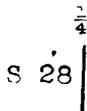
A juniper, 5 ins. diam., brs. N.23°30'E., 286 lks.
dist., marked $\frac{1}{4}$ S 27 B T.

No other suitable bearing tree available. Raise a
mound of stone, 2 ft. base, 1½ ft. high E. of cor.

From this $\frac{1}{4}$ sec. cor., cor. No. 2, Togo lode, survey
No. 6306, which is a squared post, 5 ins. sq., 5 ft.
long, set in mound of stone and marked 2-6306 on
N. face, brs. S. 31° 28'E., 19.29 chs. dist. Cor. is
witnessed by bearing trees. No evidence of cor. No. 1
and cor. No. 3. of the Togo lode could be found.

40.575 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., sec. 28 only, with brass
cap marked



1926

From which

A juniper, 6 ins. diam., brs. N.58°30'W., 131 lks.
dist., marked $\frac{1}{4}$ S 28 B T.

No other suitable bearing tree available. Raise a mound
of stone, 2½ ft. base, 2 ft. high W. of cor.

From this $\frac{1}{4}$ sec. cor., NE. cor. of power house, a rock
building of Utah Power and Light Co., brs. S. 77° 05'
W., 20.35 chs. dist.

51.45 Intersect line 1-4, Ophir No. 2 lode, survey No. 3508,
S. 15° 07' W., 11.80 chs. dist. from cor. No. 4, which

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone, and marked 4-3508 on SW. face. Cor. is witnessed by bearing trees.

57.00 Top of ascent, 260 ft. above canyon, slopes W.; thence along W. slope.

65.00 Ravine, drains S. 30°W., ascend.

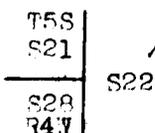
68.90 Intersect line 3-4, Ophin No. 2 lode, survey No. 3508, N. 59° 58'W., 4.15 chs. dist. from cor. Nq. 4.

79.81 Point for closing cor. of secs. 22 and 27.

81.15 The original cor. of secs. 21, 22, 27 and 28, which is a decayed post in center of old mound of stone, from which a juniper, 10 ins. diam., hrs. S. 38°W., 7 lks. dist., marked with blaze on face toward mound of stone and BT. at bottom of blaze. Other scribe marks are not legible.

Re monument this cor. for secs. 21 and 28 only as follows:-

In center of mound of stone, set an iron post, 3 ft. long, 2 ins. diam., 13 ins. in the ground on solid rock and 12 ins. in a mound of stone, for cor. of secs. 21 and 28 only, with brass cap marked



1926

From which

A juniper, 5 ins. diam., hrs. N. 36°W., 22 lks. dist., marked T 5 S R 4 " S 21 B T.

Land, rolling hills with a W. exposure.

Soil, rocky clay and sandy loam; 3rd rate.

Timber, medium growth of scrub juniper and pinon.

Undergrowth, medium dense sagebrush; medium growth of grass. Good grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

From the cor. of secs. 22, 23, 26 and 27.

Test, on true line bet. secs. 22 and 27.

Descend over mountainous land, through medium growth of timber and medium dense undergrowth.

0.57 Intersect line 46-47, Ophir townsite, S. 35° 30' W., 1.4 chs. dist. from proportionate point for cor. No. 46.

2.60 Telephone line, hrs. NE. and SW.

2.80 Wash, 40 lks. wide, 6 ft. deep, in bottom of Ophir Canyon, 40 ft. below sec. cor., drains SW.; ascend.

3.50 Track of St John and Ophir RY., hrs. NE. and SW.

3.75 Road, hrs. NE. to Ophir, Utah and SW. to Stockton, Utah.

4.24 Intersect Line 2-3, Ophir townsite, S. 52° 15' W., 7.87 chs. dist. from proportionate point for cor. No. 3.

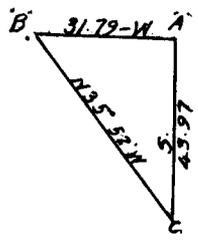
Ascend abrupt E. slope over slide rock and ledges, over which it is impracticable to chain. To determine the distance I triangulate as follows:-

I return to the cor. of secs. 22, 23, 26 and 27, which I designate "A", set flag "B" on line to the W., on top of spur. From "A", measure base line "A-C", S. 43.97 chs. dist. From "C", flag "B", bears N. 35° 52' W., and from flag "B", flag "C", bears S. 35° 52' E. All bearings checked by direct reading of the solar, and all angles checked by deflection.

Distance by triangulation, 31.79 chs.

31.79 Top of rocky spur, 1000 ft. above bottom of canyon, slopes S.; descend steep and rocky SW. slope.

40.00 On rocky S. slope, 150 ft. below top of spur. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for sec. cor., with brass cap marked



$$\frac{1}{4} \frac{S 22}{S 27}$$

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

From which

A juniper, 6 ins. diam., brs. N. 12° 45' E., 44 lks.
dist., marked $\frac{1}{2}$ S 22 B T.

A pinon, 18 ins. diam., brs. S. 41° 30' W., 53 lks.
dist., marked $\frac{1}{2}$ S 27 B T.

66.50 Draw, 720 ft. below $\frac{1}{2}$ sec. cor., drains S. 20° W.; ascend.

70.00 Top of ascent, 20 ft. above draw, slopes SW.; descend.

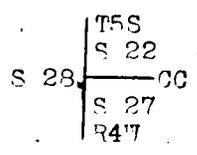
75.75 Draw, 35 ft. below top of ascent, drains SW.; descend gradually over rolling SW. slope.

85.00 Old road, brs. NW. and SE.

91.21 Intersect E. bdy. of sec. 23, S. 1° 58' E., 1.34 chs.
dist. from cor. of secs. 21 and 28.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for closing cor. of secs. 22 and 27, with brass cap marked



1928

From which

A pinon, 7 ins. diam., brs. N. 38° 15' E., 102 lks.
dist., marked T 5 S R 4 W S 22 00 BT.

A pinon, 6 ins. diam., brs. S. 19° 15' E., 31 lks.
dist., marked T 5 S R 4 W S 27 00 BT.

Land, mountainous with steep and rocky slopes; SW. drainage and exposure.

Soil, rocky and gravelly clay loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, medium dense sagebrush; medium growth of grass.

Poor grazing land on E. half mile and good grazing land on W. half mile.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of surveys executed by Wm. Brademeyer, U.S. deputy surveyor in 1878.

From the cor. of secs. 21 and 28.
North, on true line bet. secs. 21 and 22.

Ascend a SW. slope over rolling mountainous land, through medium dense scrub timber and undergrowth.

3.60 Old road, hrs. NW. and SW.

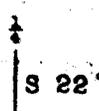
10.00 Top of ascent, 75 ft. above sec. cor., slopes SW.; descend NW. slope.

11.82 Intersect line 3-4, Lakes of Killarney lode, lot No. 167, S. 63°E., 7.26 chs. dist. from cor. No. 4, which is a Juniper tree, 5 ins. diam., marked US 167 SW on NE. face.

13.60 Draw, 15 ft. below top of ascent, drains SW.; ascend along SW. slope.

22.09 Intersect line 1-2, Lakes of Killarney lode, lot No. 167, S. 63°E., 2.65 chs. dist. from cor. No. 1, which is a Juniper post, 4 ins. diam., 3 ft. long, set in a mound of stone and marked US 167 on S. face, from which a Juniper, 12 ins. diam., hrs. S. 44° 30' E., 43 lks. dist., marked US 167 BT.; a Juniper stump, 18 ins. diam., hrs. N. 18° E., 9 lks. dist., marked US 167 BT.

38.61 Mid-point in northing and southing bet. closing cor. of secs. 22 and 27, and the cor. of secs. 15 and 22. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/2 sec. cor., sec. 22 only, with brass cap marked



1928

From which

A Juniper, 6 ins. diam., hrs. N. 30° E., 55 lks. dist., marked 1/2 S 22 B.T. No other suitable bearing tree available.

40.00 On rolling SW. slope, 210 ft. above draw.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

No evidence of the original $\frac{1}{4}$ sec. cor. could be found. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 21 only, with brass cap marked

S 21

1928

From which

A pinon, 5 ins. diam., bears S. 36°45' W., 34 lks. dist., marked $\frac{1}{4}$ S21 B T.

A juniper, 12 ins. diam., bears N. 59°15' W., 31 lks. dist., marked $\frac{1}{4}$ S 21 B T.

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

From the $\frac{1}{4}$ sec. cor. sec. 21, continue

North, bet. secs. 21 and 22, with continuous measurement.

48.50 Top of ascent, 45 ft. above $\frac{1}{4}$ sec. cor., slopes W.; abrupt descent over ledges.

51.50 Road, bears NE. and SW.

52.50 Wash, 30 lks. wide, 5 ft. deep, in bottom of Dry Canyon, 110 ft. below top of ascent, drains SW.; abrupt ascent over ledges.

59.96 Top of rocky spur, 250 ft. above canyon, slopes SW.; From this point, cor. No. 4, Northern Light lode, lot No. 107, which is a mahogany post, 3 ins. diam., 3 ft. long, set in a mound of stone and marked US 107 No 4, brs. N. 85°20' W., 12.54 chs. dist,

Ascend along rocky SW. slope.

77.79 Point of intersection with a line extended due east from cor. of secs. 16, 17, 20 and 21.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone, for cor. of secs. 21 and 22 only, with brass cap marked

S 16

S 21 | S22
T5S | R4W

1928

From which

A pinon, 7 ins. diam., bears S. 61°30' E., 36 lks. dist., marked T 5 S R 4 W S 22 B T.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	<p>A pinon, 6 ins. diam., bears S. 74° W., 49 lks. dist., marked T.5 S R.4 W S.21 B T.</p> <p>Land, mountainous; SW. exposure and drainage.</p> <p>Soil, rocky and gravelly loam; 3rd rate.</p> <p>Timber, medium dense scrub juniper and pinon.</p> <p>Undergrowth, medium dense sagebrush; medium growth of grass.</p> <p>Good grazing land.</p> <hr/> <p>From the cor. of secs. 14, 15, 22 and 23:</p> <p>West, bet. secs. 15 and 22.</p> <p>Ascend steep SE. slope over mountainous land, through dense mahogany undergrowth and scattered fir timber.</p>
10.56	<p>Intersect line 2-3, Silver Crown lode, survey No. 5286, N. 77°06' E., 2.70 chs. dist. from cor. No. 3, which is a juniper post, 4 ins. diam., 4 ft. long, set in a mound of stone, and marked 3-5286 on N. face.</p>
12.96	<p>Intersect line 3-4, Silver Crown lode, survey No. 5286, N. 21°20' E., 64 lks. dist. from cor. No. 3, heretofore described.</p>
12.99	<p>Intersect line 4-5, Jupiter lode, survey No. 5968, true point for N. 10°11' E., 2.96 chs. dist. from/cor. No. 4, which is a cross (X) on a limestone rock in place. The witness cor. to this cor., brs. S. 10°11' W., 7 lks. dist., and is a pine post, 3 x 4 ins., 4 ft. long, set in a mound of earth and stone and marked WC 4-5968 on N. face.</p>
17.25	<p>Rocky ridge, 675 ft. above sec. cor., brs. NE. and S. 20° W.; descend NW. slope, entering medium dense undergrowth of sagebrush, chokecherry, oak and mahogany and medium dense fir timber, brs. NE. and SW.</p>
24.82	<p>Intersect line, 2-3, Jupiter lode, survey No. 5968, N. 59°03' W., 2.08 chs. dist. from cor. No. 3, which is a pine post, 4 ins. diam., 4 ft. long, set in a mound of stone and earth and marked 3-5968 on N. face.</p>
40.00	<p>On steep and broken NW. slope, 950 ft. below top of 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</p>

. SUBDIVISION OF T. 5 S., R. 4 W.

Chains

From which

A pinon, 8 ins. diam., hrs. N. 20° E., 35 lbs.
 dist., marked $\frac{1}{4}$ S 15 B T.

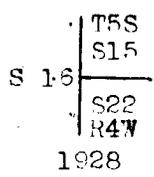
A balsam, 8 ins. diam., hrs. S. 2° W., 69 lbs.
 dist., marked $\frac{1}{4}$ S 22 B T.

58.25' Road, hrs. NE. and SW.

58.75' Wash, 30 lbs. wide, 4 ft. deep, in bottom of Dry Canyon,
 .525 ft. below sec. cor., drains SW.; ascend rocky
 SE. slope, entering medium dense scrub juniper and
 pinon timber.

63.00 Top of ascent, 125 ft. above canyon, slopes S.; thence
 along rocky and broken S. slope.

80.00 On rocky S. slope.
 Set an iron post, 3 ft. long, .2 ins. diam., 4 ins. in
 the ground on solid rock and 30 ins. in a mound of
 stone for cor. of secs. 15 and 22 only, with brass
 cap marked



From which

A pinon, 12 ins. diam., hrs. N. 91° E., 122 lbs.
 dist., marked T 5 S R 4 W S 15 B T.

A pinon, 8 ins. diam., hrs. S. 69° E., 92 lbs.
 dist., marked T 5 S R 4 W S 22 B T.

S. 0° 02' E., 77 lbs. from this cor. the SE. cor. of sec.
 16 was subsequently established. See notes of survey
 of S. bdy. sec. 16.

Land, mountainous with steep and broken slopes.

Soil, rocky and gravelly mountain loam; 3rd and 4th rate.

Timber, balsam, Douglas fir, scrub pinon and juniper on
 portions of mile.

Undergrowth, mahogany, sagebrush, oak and chokecherry.

Medium growth of grass. Fair grazing land.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
	From the cor. of secs. 15 and 22. N. 0° 02' W., along W. bdy. sec. 15. Ascend steep and rocky S. slope over mountainous land, through scattered timber and medium dense oak, mahogany and sagebrush undergrowth.
6.40	Rocky spur, 300 ft. above sec. cor., slopes SW.; ascend along broken SW. slope.
18.00	Draw, 90 ft. above spur, drains SW.; ascend SW. slope.
23.30	Intersect line 3-4. Lucky Boy Mine lode, survey No. 4954, S. 81° 54' E., 5:52. chs. dist. from cor. No. 4, identical with cor. No. 2, McKinley Mine lode, survey No. 4954, which is a squared pine post, 4 ins. sq., extending 2 ft. above mound of stone and marked 4954 on N., No 4 on E., and No 2 on W. face.
28.10	Road, brs. E. to mining claims in head of Dry Canyon, and W. to Stockton, Utah. Enter dense mahogany,
38.20	Old electric power line, brs. E. and W.
39.23	Northing of 40.00 chs. from SE. cor. of sec. 16. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., sec. 16 only, with brass cap marked
	$\frac{1}{4}$ S16 | 1930
	From which A pinon, 5. ins. diam., brs. N. 4° 30' W., 34 lks. dist., marked $\frac{1}{4}$ S 16 B T. No other bearing tree available.
40.00	On steep SW. slope, 1210 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., sec. 15 only, with brass cap marked
	$\frac{1}{4}$ | S15 | 1930
	From which

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

... A mahogany, 7 ins. diam., brs. S.29°30'E., 25 lks. dist., marked $\frac{1}{4}$ S 15 B.P.

No other suitable bearing tree available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.

44.00 Top of ascent, 50 ft. above $\frac{1}{4}$ sec. cor., slopes W.; descend NW. slope.

From this point, U. S. Mineral Monument No. 8, which is a post, 8 ins. diam., 7 ft. long, set in a mound of stone and marked U S M M No 8, brs. S. 79° 07' W., 3.04 chs. dist.

54.30 Draw, 125 ft. below top of ascent, drains S. 70° W.; ascend SW. slope.

64.50 Top of ascent, 300 ft. above draw, slopes W.; descend NW. slope.

71.82 Intersect line 2-3, Queen of the West No. 4 lode, survey No. 4954, S. 81° 54'E., 1.71 chs. dist. from cor. No. 2, which is a post, 4 ins. sq., 5 ft. long, set in mound of stone. Post has been charred by fire and marks are not visible.

75.33 Intersect line 1-2, Queen of the West No. 6 lode, survey No. 4954, N. 47° 38' W., 10.38 chs. dist. from cor. No. 1, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 1-4954 on N. face.

78.70 Trail, brs. N. 20° E., and S. 20° W.; enter fir timber; brs. NE. and NW.

79.23 Northing of 30.00 chs. from S⁴. cor. sec. 16.

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

T5S	|	S15
S 9		
S16		
R4W		

1930

From which

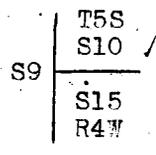
A balsam, 8 ins. diam., brs. S.79°30'W., 16 lks. dist., marked T 5 S R 4 S 16 B.T.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

A balsam, 6 ins. diam., brs. N. 40° 45' W., 39 lks. dist., marked T 5 S R 4 W S 9 B T.

30.00 On NW. slope, 90 ft. below top of ascent. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 10 and 15 only, with brass cap marked



1930

From which

A balsam, 8 ins. diam., brs. N. 11° 30' E., 11 lks. dist., marked T 5 S R 4 W S 10 B T.

A balsam, 14 ins. diam., brs. S. 23° E., 47 lks. dist., marked T 5 S R 4 W S 15 B T.

Land, mountainous, steep slopes; W. exposure. Soil, rocky mountain loam; 2nd and 3rd rate. Timber, scrub juniper and pinon and balsam and Douglas fir on portions of mile. Undergrowth, mahogany, oak and sagebrush; medium growth of grass. Good grazing land.

East, on random line bet. secs. 10 and 15.

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

79.94 Intersect N. and S. line, 9 lks. N. of cor. of secs. 10, 11, 14 and 15; thence

N. 89° 56' W., on true line bet. secs. 10 and 15.

Descend SW. slope over mountainous land, through medium dense undergrowth.

5.00 Bottom of Dry Canyon, 130 ft. below sec. cor., drains S.; ascend SE. slope.

14.00 Spur, 100 ft. above canyon, slopes S.; trail along top of spur; descend W. slope, entering scattered aspen and Douglas fir timber, brs. N. and S.

17.50 Draw, 30 ft. below spur, drains S.; ascend steep SE. slope

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
39.97	<p>On steep SE. slope, 375 ft. above draw.</p> <p>Set an iron post, 3 ft. long, 1-in. diam., 20 ins. in the ground on solid rock and 12 ins. in a mound of stone for sec. cor., with brass cap marked</p> <p style="text-align: center;"> $\frac{S\ 10}{S\ 15}$ </p> <p style="text-align: center;">1930</p> <p>From which</p> <p style="padding-left: 40px;">A Douglas fir, 10 ins. diam., hrs. N. 41° 45' W., 199 lbs. dist., marked S 10 R T.</p> <p style="padding-left: 40px;">A Douglas fir, 6 ins. diam., hrs. S. 49° W., 196 lbs. dist., marked S 15 R T.</p>
42.12	<p>Intersect line, 3-4, Rover lode, survey No. 3478, S. 46° 50' E., 6.02 chs. dist. from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3478 on SE. face.</p>
46.90	<p>Intersect line 3-4, Queen of the West No. 7 lode, survey No. 4954, S. 82° 06' W., 3.54 chs. dist. from cor. No. 3, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 3-4954 on S. face.</p>
47.50	<p>Ridge, 110 ft. above sec. cor., hrs. N. 30° E., and S. 30° W.; descend W. slope.</p>
49.64	<p>Intersect line 2-3, Queen of the West No. 7 lode, survey No. 4954, S. 42° 22' W., 4.91 chs. dist. from cor. No. 3.</p>
50.00	<p>Enter dense aspen timber, hrs. N. and S.</p>
55.03	<p>Intersect line 3-4, Queen of the West No. 3 lode, survey No. 4954, N. 47° 38' W., 3.99 chs. dist. from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-4954 on W. face.</p>
61.77	<p>Intersect line 2-3, Queen of the West No. 3 lode, survey No. 4954, S. 42° 22' W., 4.66 chs. dist. from cor. No. 3, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 3-4954 on S. face.</p>
65.30	<p>Trail, hrs. N. 10° E., and S. 10° W.</p>
68.70	<p>Ravine, 610 ft. below ridge, drains NW.; thence along</p>

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

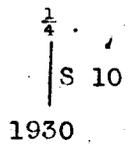
- N. slope
- 71.52. Intersect line 3-4, Queen of the West No. 6 lode, survey No. 4954, N. $47^{\circ} 38' W.$, 7.03 chs. dist. from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-4954 on W. face.
- 73.00 Enter medium dense fir timber, hrs. N. and S.
- 77.00 Descend NW. slope.
- 79.40 Trail, hrs. NE. and S. $15^{\circ} W.$
- 79.94 The cor. of secs. 10 and 15.
- Land, mountainous; steep slopes.
- Soil, rocky mountain loam; 2nd and 3rd rate.
- Timber, Douglas fir, balsam and aspen on portions of mile.
- Undergrowth, medium dense sagebrush, chokecherry, oak and mahogany; medium growth of grass.
- Good grazing land.
-
- N. $0^{\circ} 02' W.$, along W. bdy. of sec. 10.
- Descend N. slope over mountainous land, through medium dense fir timber and scattered undergrowth.
- 7.62 Intersect line 3-4, Queen of the West No. 6 lode, survey No. 4954, S. $47^{\circ} 38' E.$, 3.94 chs. dist. from cor. No. 3, which is a post, 3 ins. sq., 4 ft. long, set in mound of stone and marked 3-4954 on S. face.
- 15.00 Ravine, 350 ft. below sec. cor., drains NW.; ascend S. slope.
- 27.00 Leave timber, enter dense undergrowth of mahogany, oak, and sagebrush, hrs. E. and W.
- 39.27 Nothing of 40.00 chs. from cor. of secs. 9 and 15.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 9 only, with brass cap marked

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

40.00 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high W. of cor. on E. slope, 140 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for 1/4 sec. cor., sec. 10 only, with brass cap marked

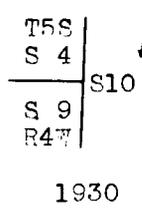


52.50 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high E. of cor. Top of ascent, 400 ft. above 1/4 sec. cor., slopes S. 60° W.; thence along W. slope.

59.00 Spur, projects N. 60° W.; descend N. slope, entering scattered aspen timber.

76.80 Ravine, 275 ft. below spur, drains N. 30° W.; thence along W. slope.

79.23 Northing of 80.00 chs. from cor. of secs. 9 and 16. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 4 and 9 only, with brass cap marked

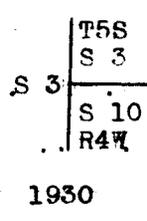


From which

An aspen, 8 ins. diam., brs. S. 16° 45' W., 175 lbs. dist., marked T 5 S R 4 W S 9 B T.

A balsam, 5 ins. diam., brs. N. 65° 15' W., 173 lbs. dist., marked T 5 S R 4 W S 4 B T.

80.00 On W. slope. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 3 and 10 only, with brass cap marked.



SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
	<p>From which</p> <p>An aspen, 6 ins. diam., brs. S. 11° E., 287 lks. dist., marked T 5 S R 4 W S 10 B T.</p> <p>No other suitable bearing tree available. Raise a mound of stone, 2½ ft. base, 2 ft. high E. of cor.</p> <p>Land, mountainous; W. exposure.</p> <p>Soil, rocky mountain loam; 2nd and 3rd rate.</p> <p>Timber, Douglas fir, balsam and aspen on portions of mile.</p> <p>Undergrowth, mahogany, oak and sagebrush; medium growth of grass. Good grazing land.</p>
40.00	<p>S. 89° 56' E., on random line bet. secs. 3 and 10.</p> <p>Set temp. ¼ sec. cor.</p>
80.02	<p>Intersect N. and S. line, 3 lks. N. of cor. of secs. 2, 3, 10 and 11; thence</p> <p>N. 89° 55' W., on true line bet. secs. 3 and 10.</p> <p>Descend W. slope over mountainous land, through medium dense timber and undergrowth of mahogany, oak and sagebrush.</p>
4.20	<p>Ravine, 50 ft. below sec. cor., drains N.; ascend E. slope.</p>
11.00	<p>Spur, 250 ft. above ravine, projects N.; descend W. slope</p>
21.38	<p>Intersect line 1-2, Leviathase lode, survey No. 3478, S., 51 lks. dist. from cor. No. 2, which is a post, 4 ins. sq., 4 ft. long set in a mound of stone and marked LEVIATHASE COR 2 on W. face, and 3478 on W. face.</p>
26.70	<p>Ravine, 250 ft. below spur, drains N.; ascend E. slope;</p>
30.00	<p>small spring bears S. 2.00 chains distant.</p> <p>Top of E. slope, 250 ft. above ravine, brs. N. and S.; leave timber, entering medium dense sagebrush, brs. N. and S.; ascend gradual NE. slope.</p>
30.22	<p>Intersect line 3-4, Leviathase lode, survey No. 3478, S. 0° 42' W., 42 lks. dist. from cor. No. 3, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked LEVIATHASE COR 3 on E., and 3478 on E. face.</p>

SUBDIVISION DETAIL S.E. 1/4 W.

Chains

40.01 On rolling NE. slope, 160 ft. above ravine..
 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
 S 3
 S 10
 1930

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high N. of cor.
 61.00 Ridge, 80 ft. above $\frac{1}{4}$ sec. cor., hrs. N. and S.; descend
 abrupt W. slope.

80.02 The cor. of secs. 3 and 10, 350 ft. below ridge.
 Land, mountainous; N. exposure.
 Soil, rocky mountain loam; 2nd and 3rd rate.
 Timber, Douglas fir and balsam on portion of mile.
 Undergrowth, sagebrush, mahogany and oak; medium
 growth of grass. Good grazing land.

N. 0° 02' W., bet. secs. 3 and 4.

Along W. slope over mountainous land, through medium
dense undergrowth of sagebrush.

30.00 Ridge, 50 ft. above sec. cor., hrs. NW. and SE.; descend
 over rolling NE. slope.

39.23 Northing of 40.00 chs. from cor. of secs. 4 and 9.
 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
 the ground on solid rock and 8 ins. in a mound of
 stone for $\frac{1}{4}$ sec. cor. sec. 4 only, with brass cap
 marked

$\frac{1}{4}$
 S 4
 1930

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

40.00 On rolling NE. slope, 120 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground on solid rock and 12 ins. in a mound of
 stone for $\frac{1}{4}$ sec. cor., sec. 3 only, with brass cap
 marked

SUBDIVISION OF T. 4 S., R. 4 W.

Chains

... 1/4 sec. cor. ... S 34 ...
 1930
 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high E. of cor.
 Abrupt descent over N. slope, entering undergrowth of
 service berry, scattered mahogany and oak, brs. NW.
 and SE.
 55.00 Enter dense mahogany and scattered fir, brs. E. and W.
 68.00 Leave mahogany undergrowth and fir timber, enter dense
 aspen timber and oak undergrowth, brs. E. and W.
 72.00 Leave aspen timber, brs. E. and W.
 79.68 Intersect N. bdy. of Tp., S. 89° 59' W., 16.96 chs. dist.
 from 1/4 sec. cor., on S. bdy. sec. 34, T. 4 S., R. 4 W.
 At point of intersection.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground for closing cor. of secs. 3 and 4, with
 brass cap marked

T4S R4W	
S34	
S 4	S 3
T5S	R4W
CC	

1930
 From which
 A balsam, 8 ins. diam., brs. S. 16°30'E., 265 lbs.
 dist., marked T 5 S R 4 W S 3 CC BT.
 A balsam, 4 ins. diam., brs. S. 41°45'W., 44 lbs.
 dist. marked T 5 S R 4 W S 4 CC BT.
 Cor. stands on N. slope, 1250 ft. below 1/4 sec. cor.
 Land, mountainous; NW. exposure.
 Soil, rocky mountain loam; 2nd and 3rd rate.
 Timber, Douglas fir, balsam and aspen on portions of
 mile.
 Undergrowth, medium dense sagebrush, mahogany, oak and
 service berry brush; medium growth of grass.
 Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

- 7.00 Reestablishment of surveys executed by C. L. Craig, U. S. deputy surveyor in 1856, and subsequently resurveyed by Geo. V.M. Boutelle, U.S. deputy surveyor in 1872.
- From the standard cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., as described in the field notes of survey of T. 6 S., R. 4 W., this group; thence N. 0° 21'E., on true line bet. secs. 32 and 33. Over rolling bench land, through corral.
- 6.10 Fence, brs. NE. and SW.; leave corral, enter medium dense undergrowth.
- 6.60 Road, brs. NE. and SW.
- 7.30 Fence, brs. NE. and SW.; descend into draw, brs. NE. and SW.
- 8.00 Bottom of draw, 20 ft. deep, drains SW.; enter cultivated land, bears NE. and SW.
- 18.60 Ophir Creek, stream of clear water, 12 lks. wide, 6 ins. deep, drains S. 30°W.; dense willows along creek, leave cultivated land.
- 20.00 Fence, brs. N. 30°E., and S. 30°W.; ascend.
- 26.70 Top of bench, brs. N. 30°E., and S. 30°W.; fence along bench. Thence over rolling bench land.
- 38.74 The $\frac{1}{2}$ sec. cor., which is a limestone, 18 x 6 x 4 ins., set in old mound of stone and marked $\frac{1}{4}$ on W. face. Alongside of cor.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$
S32 | S33
1926
- Deposit a limestone, 7 x 5 x 5 ins., marked with a cross (+), at base of post.
Thence N. 0° 22'W.; with continuous measurement.
- 78.91 The cor. of secs. 28, 29, 32 and 33, which is a lime-

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

stone, 18 x 12 x 8 ins., set in mound of stone and marked 4 notches on E., and 1 notch on S. edge.

Alongside of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in mound of stone, with brass cap marked

T5S	R4W
S29	S28
S32	S33

1926

Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (+), at base of post.

From this cor., bench mark of U. S. Geological Survey, brs. N. 39° 08'E., 21.00 chs. dist., which is an iron post, 3 ins. diam., extending 12 ins. above the ground with brass cap marked

ELEVATION
 ABOVE SEA
 ▲
 5710
 DATUM
 BM

Land, rolling bench; W. exposure.

Soil, gravelly and sandy loam; 2nd rate. Rich sandy loam along Ophir Creek; 1st rate.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

Reestablishment of surveys executed by Wm. Bredemyer, U.S. deputy surveyor in 1875.

From the cor. of secs. 28 and 33.

S. 88° 52'W., on true line bet. secs. 28 and 33.

Descend over broken hills, through medium dense scrub timber and undergrowth.

0.50 Ravine, 10 ft. below sec. cor., drains S. 15°W.; ascend.

2.61 Intersect line 3-4, Snap lode, survey No. 3350, N. 16° 07'W., 6.13 chs. dist. from cor. No. 4, which is a juniper post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3350 on NW. face. Cor. is witnessed

DEPENDENT RESURVEY OF SUBDIVISION OF T. 6 S., R. 4 W.

Chains

- by 2 bearing trees S 80° E, 28 . . .
- 21.00 Spur, 80 ft. above ravine, projects S. 15°W.; descend W. slope.
- 22.60 Ravine, 320 ft. below spur, drains S. 30°W.; ascend E. slope.
- 24.58 Intersect line 1-2, Solo lode, survey No. 3411, N. 54° 04'W., 1.00 ch. dist. from cor. No. 1, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 1-3411 on N. face.
- 33.00 Spur, 140 ft. above ravine, projects S. 30°W.; descend W. slope.
- 40.01 Record distance, on W. slope 60 ft. below spur. Set an iron post, .3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 28.}{S 33}$$

1926

 From which
 - A juniper, 5 ins. diam., brs. N. 22°W., 34 lks. dist., marked 1/4 S 28 B T.
 - A juniper, 5 ins. diam., brs. S. 29°30'E., 47 lks. dist., marked 1/4 S 33 B T.
- 44.01 No evidence of cor. set by C.L. Craig, U.S. deputy surveyor in 1856. Reestablishment of surveys executed by C. L. Craig, U.S. deputy surveyor in 1856, and subsequently resurveyed by Wm. Bredemver, U.S. deputy surveyor in 1875.
- Continue on same line with continuous measurement from the 44.01 chs. point.
- 56.80 Road, brs. N. 15°E., and S. 15°W.; leave timber.
- 57.10 Fence, brs. N. 15° E., and S. 15°W.
- 59.60 Ophir Creek, stream of clear water, 12 lks. wide, 6 ins. deep, 350 ft. below spur, drains S. 15°W.; ascend.
- 71.00 Top of bench, 40 ft. above creek, brs. N. 15°E., and S. 15°W.; thence over rolling bench land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S. R. 4 W. S. 21

Chains										
80.02	<p>The cor. of secs. 28, 29, 32 and 33.</p> <p>Land, rolling hills and bench; SW. exposure, and drainage.</p> <p>Soil, gravelly and sandy loam; 3rd rate.</p> <p>Timber, scrub juniper and pinon on portion of mile.</p> <p>Undergrowth, medium dense sagebrush and shrubs.</p> <p>Medium growth of grass; good grazing land.</p>									
<p>Reestablishment of surveys executed by C.L. Craig, U.S. deputy surveyor in 1856.</p>										
<p>N. 2° 14' W., on true line bet. secs. 28 and 29.</p>										
<p>Over rolling bench land, through medium dense undergrowth.</p>										
10.80	Old road, brs. N. 80° E., and S. 80° W.									
15.60	Old road, brs. N. 80° E., and S. 80° W.									
19.55	Track of St. John and Ophir Ry., brs. S. 79° 45' E., and N. 79° 45' W.									
27.00	Road, brs. S. 65° 35' E. to Ophir, Utah and N. 65° 35' W. to Stockton, Utah.									
40.95	<p>Proportionate point.</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>									
<table border="1"> <tr> <td></td> <td style="text-align: center;">$\frac{1}{4}$</td> <td></td> </tr> <tr> <td>S29</td> <td style="border-left: 1px solid black; border-right: 1px solid black;">S28</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">1926</td> </tr> </table>			$\frac{1}{4}$		S29	S28		1926		
	$\frac{1}{4}$									
S29	S28									
1926										
<p>Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.</p>										
45.20	Wash, 12 lks. wide, 2 ft. deep, drains N. 80° W.									
81.90	<p>Proportionate point.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked</p>									
<table border="1"> <tr> <td>T5S</td> <td>R4W</td> </tr> <tr> <td>S20</td> <td style="border-left: 1px solid black; border-right: 1px solid black;">S21</td> </tr> <tr> <td>S29</td> <td style="border-left: 1px solid black; border-right: 1px solid black;">S28</td> </tr> <tr> <td colspan="2" style="text-align: center;">1926</td> </tr> </table>		T5S	R4W	S20	S21	S29	S28	1926		
T5S	R4W									
S20	S21									
S29	S28									
1926										
<p>From which</p> <p>A. juniper, 5 ins. diam.; brs. N. 33° E., 78 lks. dist., marked T 5 S R 4 W S 21 B T.</p>										

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

A juniper, 5 ins. diam., brs. S. $4^{\circ}30'E.$, 205 lks.
dist., marked T 5 S R 4 W S 28 B T.

A juniper, 7 ins. diam., brs. S. $2^{\circ}30'W.$, 264 lks.
dist., marked T 5 S R 4 W S 29 B T.

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
Land, rolling bench; W. exposure.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

Timber, few scattered juniper around sec. cor.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

Reestablishment of surveys executed by Wm.
Bredemeyer, U.S. deputy surveyor in 1875.

From the cor. of secs. 21 and 28.

S. $89^{\circ}17'W.$, on true line bet. secs. 21 and 28.

Descend $\frac{1}{2}$ slope over rolling foot hills, through medium
dense scrub timber and undergrowth.

30.20 Draw, drains S. $35^{\circ}W.$; continue over $\frac{1}{2}$ slope.

40.06 Proportionate point, on $\frac{1}{2}$ slope, 230 ft. below sec. cor.

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

S 21

S 28

1926

From which

A juniper, 4 ins. diam., brs. N. $51^{\circ}E.$, 29 lks.
dist., marked "BT" only.

A juniper, 5 ins. diam., brs. S. $28^{\circ}W.$, 86 lks.
dist., marked $\frac{1}{2}$ S 28 B T.

44.00 Ravine, 30 ft. below $\frac{1}{2}$ sec. cor., drains S. $30^{\circ}W.$;
old road along ravine; ascend.

44.50 Electric power line, brs. N. $29^{\circ}10'W.$, and S. $29^{\circ}10'E.$

45.50 Spur, 30 ft. above ravine, projects S. $30^{\circ}W.$; descend.

63.12 Record dist. from cor. of secs. 20, 21, 28 and 29,
for cor. set by C.L. Craig, U. S. deputy surveyor in
1856. No evidence of cor. found.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5'S., R. 4 W.

Chains

Reestablishment of surveys executed by C. L. Craig, U. S. deputy surveyor in 1856, and subsequently resurveyed by Wm. Bredemyer, U. S. deputy surveyor in 1875

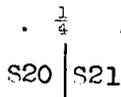
Continue on same line with continuous measurement from 63.12 ch. point.

- 65.00 Enter scattered timber, brs. NE. and SW.
- 79.30 Old road, brs. N. and S.
- 80.12 The cor. of secs. 20, 21, 28 and 29, 240 ft. below spur
Land, rolling hills; 7. exposure and SW. drainage.
Soil, rocky, clay and sandy loam; 3rd rate.
Timber, scrub juniper and pinon.
Undergrowth, medium dense sagebrush and shadscale.
Medium growth of grass. Good grazing land.

Reestablishment of surveys executed by C. L. Craig, U. S. deputy surveyor in 1856.

N. 2° 53'E., on true line bet. secs. 20 and 21.
Over rolling bench land sloping to the W.; through medium dense undergrowth.

- 6.25 Old road, brs. N. 10°W., and S. 10°E.
- 40.97 The original $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, which is a juniper post, 3 ins. diam., 4 ft. long, set in old mound of stone and marked S. on 7. face. Post is badly weathered and other marks are not visible.
Alongside of cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with brass cap marked



1926

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high W. of cor
From this $\frac{1}{4}$ sec. cor., cor. No. 1, Rosina lode, survey No. 3484, brs. N. 59° 37'E., 9.77 chs. dist. which agrees with tie recorded in notes of survey of Rosina lode. Cor. No. 1 of Rosina lode, is a decayed stump of post, in center of mound of stone, from which a

DEPENDENT RE-SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

of juniper, 10 ins. diam., hrs. S. 67° 15' E., 346 lks.
dist., marked 1-3484 B T.

Thence

North, on true line bet. secs. 20 and 21, with continuous measurement.

45.00 Record distance for cor. set by C. L. Craig, U. S. deputy surveyor in 1956. No evidence of cor. found.

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Continue on same line with continuous measurement from 45.00 ch. point.

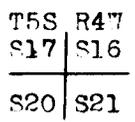
55.50 Wash, 30 lks. wide, 4 ft. deep, drains W.

61.30 Electric power line, hrs. N. 29° 10' W., and S. 29° 10' E.

67.00 Wash, 20 lks. wide, 3 ft. deep, drains W.; ascend over rolling SW. slope.

78.67 Point of intersection with line E. from the cor. of secs. 17, 18, 19 and 20, at which point.

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



1930

Raise a mound of stone, 2½ ft. base, .2 ft. high W. of cor.

Cor. stands on rolling SW. slope, 90-ft. above wash.

Land, rolling bench with W. exposure.

Soil, gravelly, sandy loam; 2nd and 3rd rate.

No timber..

Undergrowth, medium-dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

East, on random line along S. bdy. sec. 16.

40.00 Set temp. ¼ sec. cor.

78.30 The cor. of secs. 21 and 22, at point of intersection with line extended N. bet. secs. 21 and 22.

SUBDIVISION OF LANDS IN THE TERRITORY

Chains

89.56 Continue on same line along S. bdy. of sec. 16 to Point S. 0° 02'E., 77 lks. dist. from cor. of secs. 15 and 22, at which point

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground on solid rock and 24 ins. in a mound of stone for SE. cor. of sec. 16, with brass cap marked

T5S	S22
R4W	
S16	

1930

From which

A pinon, 8 ins. diam., hrs. N. 37° 30' W., 140 lks. dist., marked T 5 S R 4 W S 16 B T.

Thence

West, on true line along S. bdy. of sec. 16.

Ascend along steep and broken S. slope over mountainous land, through medium dense scrub timber and undergrowth

5.30 Rocky spur, 35 ft. above sec. cor., slopes S. 30° W.; descend W. slope.

11.26 The cor. of secs. 21 and 22.

14.00 Ravine, 300 ft. below spur, drains S. 15° W.; ascend, leaving timber, hrs. NE. and SW.

19.25 Spur, 175 ft. above ravine, slopes S. 30° W.; descend NW. slope.

33.00 Draw, 475 ft. below spur, drains SW.; descend along SW. slope.

40.00 On SW. slope, 50 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., sec. 16 only, with brass cap marked

$\frac{1}{4}$ S 16

1930

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

46.00 Spur, projects S. 60° W.; thence along N. slope.

50.41 Mid-point between the cor. of secs. 21 and 22, and the cor. of secs. 16, 17, 20 and 21.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., sec. 21 only, with brass cap marked

$\frac{1}{4}$ S 21.

1930

Deposit a limestone, 6 x 5 x 5 ins., marked with a cross (+), at base of post.

53.00 Descend NW. slope, entering scattered timber, hrs. NW. and S.

68.00 Head of draw, 370 ft. below spur, drains SW.; thence along S. slope.

70.64 Intersect line 3-4, Tuscarora lode, survey No. 3434, N. 1° W., 8.10 chs. dist. from cor. No. 4, identical with cor. No. 3, Saint John lode, survey No. 3434, which is a pine post, 4 ins. sq., 3 ft. long, set in mound of stone and the ground, and marked 4 on N., 3 on S., and 3434 on W. face. Cor. is witnessed by one bearing tree.

71.00 Point of spur, slopes SW.; descend W. slope.

81.00 Foot of spur, 140 ft. below top, hrs. N. and S.; leave timber; descend rolling SW. slope.

88.85 Intersect line 1-2, Aurora lode, survey No. 3483, S. 1° E., 11.52 chs. dist. from cor. No. 2, which is center of old mound of stone.

89.56 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous with steep slopes; SW. exposure.
Soil, gravelly and rocky loam; 3rd rate.
Timber; scrub juniper and pinon on portions of mile.
Undergrowth, medium dense sagebrush; medium growth of grass. Good grazing land.

North, on random line bet. secs. 16 and 17.

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

80.08 Point of intersection with line extended east from cor.

Thence

of secs. 7, 8, 17 and 18.
 At this point of intersection.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground for cor. of secs. 16 and 17 only, with
 brass cap marked



1930

From which

A juniper, 12 ins. diam., brs. S.76°15'E., 28 lbs.
 dist., marked T 5 S R 4 W S 16 B T.

A juniper, 9 ins. diam., brs. S.70°30'W., 129 lbs.
 dist., marked T 5 S R 4 W S 17 B T.

Thence

South, on true line bet. secs. 16 and 17.

Descend SW. slope over broken foot hills, through
 scattered timber and medium dense undergrowth.

2.70 Draw, 30 ft. below sec. cor., course S7.; ascend.

5.00 Top of ascent, 60 ft. above draw, slopes S7.; descend.

8.25 Wash, 10 lbs. wide, 3 ft. deep, in draw, 60 ft. below
 top of ascent, drains W.; ascend.

13.00 Top of ascent, 20 ft. above wash, brs. R. and W.;
 descend over rolling SW. slope.

20.98 Intersect line 3-4, Golden Lion No. 3 lode, survey No.
 3654, S. 25° 20'E., 81 lbs. dist. from cor. No. 4,
 which is a pine post, 4 ins. sq., extending 4 ft. 2
 above the ground and marked 4-3654 on E., and G L No.
 3 on W. face.

24.00 Wash, 15 lbs. wide, 3 ft. deep, drains W.; thence
 along rolling W. slope.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground on solid rock and 20 ins. in mound of
 stone for sec. cor., with brass cap marked



1930

60.00

SUBDIVISION OF T. 5 S., R. 4 E.

Chains

From which

A juniper, 6 ins. diam., brs. S. 52°E., 20 lbs. dist., marked $\frac{1}{4}$ S 16 R T.

48.40 Wash, 10 lbs. wide, 2 ft. deep, course W.

60.00 Leave scattered timber, brs. E. end NW.

80.00 The cor. of secs. 16, 17, 20, and 21.

Land, rolling and broken hills; T. exposure.

Soil, gravelly and rocky loam; 3rd rate.

Timber, scattered juniper and pinon on portion of mile.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

From the cor. of secs. 16 and 17.

East, on random line along N. bdy. of sec. 16.

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

89.38 Intersect N. and S. line, 5 lbs. N. of the cor. of secs. 9 and 16; thence

N. 89° 58' W., on true line along N. bdy. of sec. 16.

Descend steep NW. slope over mountainous land, through fir timber, and medium dense undergrowth.

1.00 Leave fir timber, enter medium dense mahogany, oak and sagebrush undergrowth.

4.29 Intersect line 1-2, Queen of the West No. 6 lode, survey No. 4954, S. 47° 38' E., 6.37 chs. dist. from cor. No. 2, which is a pine post, 6 ins. sq., 3 ft. long set in mound of stone and marked 2-4954 on SE. face.

22.00 Road, brs. S. 10° W. to mining claims in head of Dry Canyon, and N. 10° E., to Stockton, Utah.

40.00 On steep NW. slope, 1410 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 12 ins. in mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 9
S 16

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

From which

- A pinon, 4 ins. diam., hrs. S. 30°W., 107 lks.
dist., marked $\frac{1}{2}$ S 16 B T.
- 44.50 Ravine, 100 ft. below $\frac{1}{4}$ sec. cor., drains SW.; ascend SE. slope, entering medium dense juniper and pinon.
- 49.00 Top of ascent, 50 ft. above ravine, slopes S.; thence along rocky S. slope.
- 64.00 Rocky spur, slopes SW.; descend NW. slope.
- 72.20 Ravine, 290 ft. below spur, drains SW.; thence along S. slope.
- 73.96 Intersect line 2-3, Golden Lion No. 5 lode, survey No. 3654, S. 25° 42'E., 4.84 chs. dist. from cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 2-3654 on N., and U S G L No 5 on S. face.
- 76.00 Rocky spur, slopes SW.; descend rocky W. slope.
- 80.00 On rocky W. slope, 100 ft. below spur.
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground on solid rock and 24 ins. in mound of stone for cor. of secs. 8 and 9 only, with brass cap marked

T5S	R4W
S 8	S 9
S16	

1930

From which

- A juniper, 12 ins. diam., hrs. N. 17°45'E., 40 lks.
dist., marked T 5 S R 4 W S 9 B T.
 - A juniper, 14 ins. diam., hrs. N. 32°W., 15 lks.
dist., marked T 5 S R 4 W S 8 B T.
 - 88.00 Ravine, 200 ft. below sec. cor., drains SW.; ascend.
 - 89.38 The cor. of secs. 16 and 17.
- Land, mountainous with steep slopes; W. exposure.
Soil, rocky mountain loam; 2nd and 3rd rate.
Timber, balsam, Douglas fir, scrub juniper and pinon on portions of mile.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

Undergrowth, medium dense mahogany, oak, service berry and sagebrush; medium growth of grass.

Good grazing land.

From the cor. of secs. 8 and 9.

N. 0° 03' W., bet. secs. 8 and 9.

Ascend over mountainous land, through medium dense timber and undergrowth.

2.73 Intersect line 3-4, Golden Lion Mine No. 2 lode, survey No. 3654, N. 28° 11' W., 1.68 chs. dist. from cor. No. 4, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3654 on SW. and G. I. No 2 on NW. face.

7.21 Intersect line 1-2, Golden Lion lode, survey No. 3654, S. 46° 45' W., 87 lvs. dist. from cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, lying on mound of stone and marked 2-3654 on one face, and G. I. on opposite face.

3.48 Intersect line 2-3, Golden Lion lode, survey No. 3654, N. 43° 15' W., 92 lvs. dist. from cor. No. 2.

9.00 Top of ascent, 70 ft. above sec. cor., slopes W.; descend

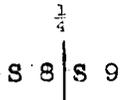
12.90 Ravine, 30 ft. below top of ascent, drains W.; ascend steep and rocky S. slope.

14.00 From this point, cor. No. 1, Alexander lode, survey No. 3682, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 1-3682 on N. face, brs. N. 85° 45' E., 10.23 chs. dist.

31.00 Top of spur, 580 ft. above ravine, slopes W.; descend.

40.00 On N. slope, 250 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 .



1930

From which

SUBDIVISION OF T. 5 S., R. 4 W.

Chains

A pinon, 7 ins. diam., brs. N. 19° E., 14 lks.
 dist., marked $\frac{1}{4}$ S 9 B T.

A pinon, 12 ins. diam., brs. N. 51° W., 24 lks.
 dist., marked $\frac{1}{4}$ S 8 B T.

49.20 Ravine, 250 ft. below $\frac{1}{4}$ sec. cor., drains W.; ascend
 S. slope.

66.00 Spur, 330 ft. above ravine, projects W.; descend N. slope

73.00 Ravine, 130 ft. below spur, drains N. 60° W.; ascend.

80.00 On spur, 30 ft. above ravine, projects NW.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
 the ground on solid rock and 12 ins. in a mound of
 stone for cor. of secs. 4, 5, 8 and 9, with brass
 cap marked

T5S	R4W
S 5	S 4
S 8	S 9

1930

From which

A pinon, 7 ins. diam., brs. N. 28° E., 108 lks.
 dist., marked T 5 S R 4 W S 4 B T.

A pinon, 10 ins. diam., brs. N. 16° 30' W., 162 lks.
 dist., marked T 5 S R 4 W S 5 B T.

Raise a mound of stone, 2½ ft. base, 2 ft. high 7. of cor.

Land, mountainous with steep slopes; W. exposure.

Soil, rocky mountain loam; 3rd rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

S. 89° 58' E., on random line bet. secs. 4 and 9.

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

79.96 Intersect N. and S. line, 3 lks. N. of cor. of secs.
 4 and 9; thence
 N. 89° 57' W., on true line bet. secs. 4 and 9.

Descend W. slope over mountainous land, through sage-
 brush undergrowth.

SUBDIVISION OF T3 50S0, R0 4W.

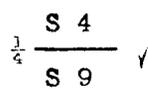
Chains

angle

3.00 Ravine, 70 ft. below sec. cor., drains N. 30° W.; thence descend along N. slope, entering medium fir timber, and undergrowth of mahogany.

25.00 Point of spur, 225 ft. below ravine; slopes NW.; abrupt descent over W. slope through dense mahogany, leaving timber, brs. NE. and S.

39.98 On W. slope, 400 ft. below point of spur. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



1930

From which

A mahogany, 10 ins. diam., brs. S. 30° E., 34 lks. dist., marked 1/4 S 9 B T.

A mahogany, 6 ins. diam., brs. N. 35° W., 9 lks. dist., marked 1/4 S 4 B T.

48.00 Enter scattered mahogany and medium dense sagebrush and oak undergrowth, brs. N. and S.

53.00 Road, brs. S. 20° E. to mining claims in head of Dry Canyon, and N. 20° W. to Stockton, Utah.

58.30 Ravine, 730 ft. below 1/4 sec. cor., drains NW.; ascend.

61.00 Top of ascent, 20 ft. above ravine, slopes N.; descend.

67.40 Ravine, 140 ft. below top of ascent, drains NW.; ascend.

79.95 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous with steep slopes; W. exposure.

Soil, rocky mountain loam; 3rd rate.

Timber, balsam and Douglas fir on portion of mile.

Undergrowth, mahogany, sagebrush and oak; medium growth of grass. Good grazing land.

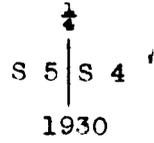
N. 0° 03' W., bet. secs. 4 and 5.

Descend N. slope over mountainous land, through scattered timber and medium dense undergrowth.

SUBDIVISION OF T. 5 S., R. 4 W.

- Chains
- 9.00 Ravine, .190 ft. below sec. cor., drains NW.; ascend.
 - 17.00 Spur, 50 ft. above ravine, projects NW.; descend.
 - 22.20 Ravine, 120 ft. below spur, drains NW.; ascend.
 - 36.00 Top of ascent, 60 ft. above ravine, slopes W.; descend.
 - 30.30 Head of ravine, 50 ft. below top of ascent, drains SW.; ascend.
 - 36.00 Spur, 90 ft. above ravine, projects W.; descend N. slope
 - 40.00 On N. slope, 70 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

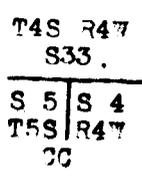


From which

- A pinon, 6 ins. diam., brs. N. 78° E., 45 lks. dist., marked $\frac{1}{4}$ S 4 B T.
- A pinon, 8 ins. diam., brs. S. 89° W., 72 lks. dist., marked $\frac{1}{4}$ S 5 B T.
- 44.00 Ravine, 60 ft. below $\frac{1}{4}$ sec. cor., drains NW.; ascend.
- 45.00 Top of ascent, 15 ft. above ravine, brs. NW. and SE.; road, brs. NW. to Stockton, Utah, and SE. to mining claims in head of Dry Canyon; descend over rolling NW. slope, leaving timber, brs. NW. and SE.
- 70.50 Draw, 210 ft. below top of ascent, drains NW.; thence along W. slope.
- 78.00 Draw, drains W.; ascend.
- 80.34 Intersect N. bdy. of Tp., N. 89° 54' W., 17.10 chs. dist. from $\frac{1}{4}$ sec. cor. on S. bdy. sec. 33, T. 4 S., R. 4 W.

At point of intersection.

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



SUBDIVISION OF T. 5 S., R. 4 W.

Chains

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high S. of cor. Land, mountainous and rolling with NW. exposure and drainage.

Soil, gravelly clay loam; 3rd rate.

Timber, scattered scrub juniper and pinon on portion of mile.

Undergrowth, medium dense sagebrush and shadscale; medium growth of grass. Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of surveys executed by C. L. Craig, U. S. deputy surveyor in 1856,

From the standard cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., as described in the field notes of survey T. 5 S., R. 4 W., this group.

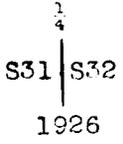
Thence

N. 1° 07' W., on true line bet. secs. 31 and 32.

Over rolling land with a gentle S. slope, through medium dense undergrowth.

39.89 Proportionate point.

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



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

74.00 Old road, hrs. N. 80° E., and S. 80° W.

79.78 The cor. of secs. 29, 30, 31 and 32, which is a limestone, 14 x 10 x 8 ins., firmly set in the ground and marked 5 notches on E., and 1 notch on S. edge.

Cor. is unwitnessed.

Alongside of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with brass cap marked

BOOK A-507
 DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

T5S. R4W	
S30	S29
S31	S32

1926

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
 Land, rolling with a SW. exposure.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

Reestablishment of surveys executed by G. L. Craig, U. S. deputy surveyor in 1856, and subsequently resurveyed by Geo. V. Boutelle, U. S. deputy surveyor in 1872.

From the cor. of secs. 28, 29, 32 and 33.

N. $89^{\circ} 56' 7''$, on true line bet. secs. 29 and 32.

Over rolling land with gentle SW. slope, through medium dense undergrowth.

15.50 Old road, hrs. NE. and SW.

40.97 Proportionate 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

$\frac{1}{4}$	S 29
	S 32

1926

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

47.10 Old road, hrs. N. $75^{\circ} E.$, and S. $75^{\circ} W.$

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

Land, rolling with gentle SW. slope.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

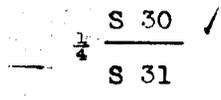
Chains

From the cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp. heretofore described; thence S. 89° 31' E., on true line bet. secs. 30 and 31. Over rolling land, with gentle SW. slope, through medium dense undergrowth.

31.00 Old road, brs. N. 10° W., and S. 10° E.

40.11 Proportionate 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



1926

80.22 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high N. of cor. The cor. of secs. 29, 30, 31 and 32. Land, rolling with gentle SW. slope. Soil, gravelly and sandy loam; 2nd and 3rd rate. No timber. Undergrowth, medium dense sagebrush and shedscale. Medium growth of grass. Good grazing land.

Reestablishment of surveys executed by J. L. Craig, U. S. deputy surveyor in 1856.

N. 1° 03' W., on true line bet. secs. 29 and 30. Over gently rolling land, through medium dense undergrowth.

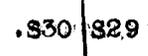
18.10 Old road, brs. N. 80° W., and S. 80° E.

22.30 Wash, 10 lks. wide, 3 ft. deep, drains N. 80° W.

34.10 Track of St. John and Ophir Ry., brs. S. 79° 45' E., and N. 79° 45' W.

40.06 $\frac{1}{2}$ Proportionate 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



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

DEPENDENT RESURVEY OF SUBDIVISION OF T. 35S., R. 4E. W. 1

Chains
 Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
 48.60 Wash, 10 lks. wide, 3 ft. deep, drains N. 70°W.
 63.70 Road, brs. S. 64° 35' E. to Ophir, Utah and N. 64° 35' W.,
 to Stockton, Utah.
 79.00 Wash, 15 lks. wide, 3 ft. deep, drains NW.
 80.13 Proportionate point.
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
 the ground for cor. of secs. 19, 20, 29 and 30, with
 brass cap marked

T5S	R4W
S19	S20
S30	S29

1926

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
 Land, gently rolling with W. exposure.
 Soil, gravelly and sandy loam; 2nd to 3rd rate.
 No timber.
 Undergrowth, medium dense sagebrush and shadscale.
 Medium growth of grass. Good grazing land.

From the cor. of secs. 20, 21, 28 and 29.
 S. 88° 54' W., on true line bet. secs. 20 and 29.
 Over rolling land with gentle slope to the W.; through
 medium dense undergrowth.

40.07 $\frac{1}{2}$ Proportionate 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

S 20
$\frac{1}{4}$
S 29

1926

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high N. of cor.
 78.40 Old road, brs. NW. and SE.
 80.15 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling; W. exposure.
 Soil, sandy and gravelly loam; 2nd to 3rd rate.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

No timber.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

From the cor. of secs. 19, 24, 25 and 30; on W. bdy. of

Tr., heretofore described; thence

N. 89° 51'E., on true line bet. secs. 19 and 30.

Over rolling land with gentle NW. slope, through medium dense undergrowth.

31.40 Old road, brs. north and south.

40.01 Proportionate 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

$$\frac{1}{4} \frac{S 19}{S 30}$$

1926

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

44.90 Road, brs. S. 64° 35'E., to Ophir, Utah, and N. 64° 35'W., to Stockton, Utah.

77.10 Wash, 15 lks. wide, 3 ft. deep, drains N. 60°W.

80.02 The cor. of secs. 19, 20, 29 and 30.

Land, rolling with a NW. slope.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

N. 0° 53'W., on true line bet. secs. 19 and 20.

Over rolling land sloping gently to the NW., through medium dense undergrowth.

2.10 Old road, brs. NW. and SE.

40.06 $\frac{1}{2}$ Proportionate 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

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

$\frac{1}{4}$
 S19 | S20
 1926

- 80.13 ✓ Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor. Proportionate point.
- 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

T5S | R4W
 S18 | S17
 S19 | S20
 1926

- 80.13 ✓ Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor. Land, rolling with a NW. exposure.
- Soil, sandy and gravelly loam; 2nd and 3rd rate.
- No timber.
- Undergrowth, medium dense sagebrush and shadscale.
- Medium growth of grass. Good grazing land.

- 30.00 East, on true line bet. secs. 17 and 20. Over rolling ^{land} through medium dense undergrowth.
- 30.00 Leave undergrowth, enter medium growth of grass, brs, NW. and SE.
- 39.50 Wash, 10 lks. wide, 1 ft. deep, drains NW.
- 40.00 Record distance.

- 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

$\frac{1}{4}$
 S 17
 S 20
 1926

- 73.50 ✓ Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high N. of cor.
- 77.35 ✓ Ascend over rolling SW. slope.
- Electric power line, brs. N. $29^{\circ}10'$ W., and S. $29^{\circ}10'$ E.
- Record dist. for cor. set by C. L. Craig, U. S. deputy surveyor in 1856. No evidence of cor. found.

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Continue on same line with continuous measurement from

SUBDIVISION OF T. 5 S., R. 4 W.

the 577.35 old point.

85.28 The cor. of secs. 16, 17, 20 and 21, at point of intersection with line extended N. bet. secs. 20 and 21.

Cor. stands on rolling SW. slope, 320 ft. above $\frac{1}{4}$ sec. cor.

Land, rolling; SW. exposure.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

Undergrowth, medium dense sagebrush and shedscale on portion of mile. Medium growth of grass.

Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of surveys executed by C. L. Craig, U. S. deputy surveyor in 1856.

From the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., heretofore described; thence S. 89° 53'E., on true line bet. secs. 18 and 19.

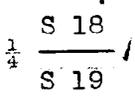
Over rolling land, through medium dense undergrowth.

11.80 Old road, brs. NW. and SE.

13.40 Wash, 12 lks. wide, 3 ft. deep, drains NW.

40.02 Record distance.

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



1926

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

54.30 Old road, brs. NE. and SW.

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

Land, rolling; W. exposure.

Soil, sandy and gravelly loam; 2nd and 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shedscale.

19.28 Medium growth of grass. Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

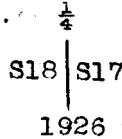
Chains

N. 0° 52' W., on true line bet. secs. 17 and 18.

Over rolling land, with gentle W. slope, through medium dense undergrowth.

40.06½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for ¼ sec. cor., with brass cap marked

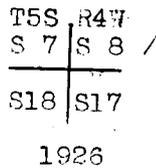


Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

41.60 Wash, 10 lbs. wide, 1 ft. deep, drains W.

30.13 Proportionate point.

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, 2½ ft. base, 2 ft. high W. of cor.

Land, rolling with W. exposure.

Soil, sandy and gravelly loam; 2nd and 3rd rate.

No timber.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

East, on random line bet. secs. 8 and 17.

13.00 Record distance for cor. set by C. L. Craig, U.S. deputy surveyor in 1856. No evidence of cor. found.

SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Continue on same line with continuous measurement from 13.00 chs. point.

40.00 Set temp. ¼ sec. cor.

24.48 The cor. of secs. 16 and 17, at point of intersection with line extended N. from cor. secs. 16, 17, 20 and 21.

Chains

Thence West, on true line bet. secs. 8 and 17.

Descend, over broken hills, through scattered timber and medium dense undergrowth.

5.60 Ravine, 90 ft. below sec. cor., drains S. 15°W.; ascend.

9.00 Spur, 60 ft. above ravine, slopes S. 20°W.; descend.

15.00 Foot of spur, brs. NW. and SE.; descend over rolling SW. slope, leaving timber, brs. NW. and SE.

30.62 Westing of 40.00 chs. from the cor. of secs. 8 and 9. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for 1/2 sec. cor., sec. 8 only, with brass cap marked

1/2 S 8 /
1930

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high N. of cor.

44.48 Easting of 40.00 chs. from cor. of secs. 7, 8, 17 and 18, on rolling SW. slope, 500 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for 1/2 sec. cor., sec. 17 only, with brass cap marked

1/2 S 17
1930

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high S. of cor.

53.75 Electric power line, brs. N. 29°10'W., and S. 29°10'E.

61.72 Intersect line 2-3, Ramshorn No. 8 lode, survey No. 3654, S. 34° 08'E., 6.42 chs. dist. from cor. No. 2, which is decayed stump of post in center of old mound of stone.

71.48 Point for cor. set by C. L. Craig, U. S. deputy surveyor in 1856.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Reestablishment of surveys executed by C.L. Craig, U. S. deputy surveyor in 1856.

Continue on same line with continuous measurement from 71.48 ch. point.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

- Chains
- 84.48 The cor. of secs. 7, 8, 17 and 18, 90 ft. below $\frac{1}{4}$ sec. cor. sec. 17.
- Land, broken hills and rolling SW. slope; SW. exposure.
Soil, rocky and gravelly loam; 3rd rate.
Timber, scattered juniper and pinon on portion of mile.
Undergrowth, medium dense sagebrush and shadscale.
Medium growth of grass. Good grazing land.
-
- From the cor. of secs. 7, 12, 13 and 18, on W. bdy. of Tp., heretofore described; thence
S. 89° 33'E., on true line bet. secs. 7 and 18.
Over rolling land sloping gently to the SW., through medium dense undergrowth.
- 40.03 Record distance.
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
- | | |
|------|---|
| S 7 | / |
| — | |
| S 18 | |
- 1926
- Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high N. of cor.
- 80.07 The cor. of secs. 7, 8, 17 and 18.
Land, rolling; SW. exposure and drainage.
Soil, gravelly and sandy loam; 2nd and 3rd rate.
No timber.
Undergrowth, medium dense sagebrush and shadscale.
Medium growth of grass. Good grazing land.
-
- N. 0° 32'W., on true line bet. secs. 7 and 8.
Over rolling land sloping gently to the SW., through medium dense undergrowth.
- 6:20 Intersect line 2-3, Ramshorn No. 6 lode, survey No. 3654, S. 34° 30'E., 2.60 chs. dist. from cor. No. 3, which is a decayed stump of post in mound of earth.
- 8.76 Intersect line 3-4, Ramshorn No. 6 lode, survey No.

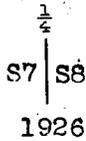
DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.

Chains

3654, N. 74° E.; 1.51 chs. dist. from cor. No. 3.

40.06 Proportionate point.

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



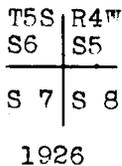
Raise a mound of stone, 2 1/2 ft. base, 2 ft. high W. of cor.

49.00 Enter scattered timber, brs. NE. and SW.

59.40 Electric power line, brs. N. 27°45' W., and S. 27°45' E.

80.13 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap marked



From which

A juniper, 8 ins. diam., brs. N. 47° E., 40 lks. dist., marked T 5 S R 4 W S 5 B T.

A juniper, 5 ins. diam., brs. S. 67° E., 372 lks. dist., marked T 5 S R 4 W S 8 B T.

A juniper, 5 ins. diam., brs. S. 72° W., 229 lks. dist., marked T 5 S R 4 W S 7 B T.

A juniper, 4 ins. diam., brs. N. 11° 45' W., 31 lks. dist., marked "BT" only.

Land, rolling and slopes to the SW.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

Timber, scattered juniper and pinon on portion of mile.

Undergrowth, medium dense sagebrush and shedscale.

Medium dense grass. Good grazing land.

East, on random line bet. secs. 5 and 8.

28.00 Point for cor. set by G. L. Craig, U. S. deputy surveyor in 1856. No evidence of cor. found.

SUBDIVISION OF T. 5 S., R. 4 W.

Chains	
	<p>SURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.</p> <p>Continue on same line with continuous measurement from 28.00 ch. point.</p>
54.60	Set temp. $\frac{1}{4}$ sec. cor.
94.37	Intersect N. and S. line, 8 lks. N. of the cor. of secs 4, 5, 8 and 9; thence N. 89° 57' W., on true line bet. secs. 5 and 8. Descend SW. slope over mountainous land, through scrub timber and medium dense undergrowth.
11.40	Ravine, 300 ft. below sec. cor., drains N. 80° W.; thence along S. side of ravine along N. slope.
40.00	True point for $\frac{1}{2}$ sec. cor. falls on broken face of small ledge, 4 ft. high facing NW. Impracticable to set cor. at this point.
40.25	On S. side of ravine, 600 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for witness cor. to $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 5}{S 8} WC$
	1930
	From which
	A pinon, 4 ins. diam., brs. N. 69° E., 73 lks. dist., marked WC BT only.
	A juniper, 8 ins. diam., brs. S. 80° 30' E., 126 lks. dist., marked WC $\frac{1}{4}$ S 8 BT.
40.90	Ravine, 8 ft. Below $\frac{1}{2}$ sec. cor., drains SW. from N. 80° E. ascend.
46.00	Point of spur, 15 ft. above ravine, slopes SW.; descend.
62.60	Draw, 260 ft. below point of spur, drains SW.; thence over rolling land.
66.37	Point for cor. set by C. L. Craig, U. S. deputy surveyor in 1856.
	DEPENDENT RESURVEY OF SUBDIVISION OF T. 5 S., R. 4 W.
	Reestablishment of surveys executed by C. L. Craig, U.S. deputy surveyor in 1856.
	Continue on same line with continuous measurement from

Drains

66.37 ch. point.

94.37 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous and rolling; SW. exposure.

Soil, rocky and gravelly loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, medium dense sagebrush and shadscale.

Medium growth of grass. Good grazing land.

From the cor. of secs. 1, 6, 7 and 12, on W. bdy. of

Tp., heretofore described; thence

N. 89° 28'E., on true line bet. secs. 6 and 7.

Over rolling land, through medium dense timber and undergrowth.

0.50 Ravine, 5 ft. below sec. cor., drains S. 20°W.; ascend.

5.00 Rim of ravine, 30 ft. above bottom, hrs. N. 20°E., and S. 20°W.; thence over rolling land.

35.00 Wash, 10 lks. wide, 1 ft. deep, drains SW.

40.02 Record distance.

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

$$\frac{1}{4} \frac{S 6}{S 7} \checkmark$$

1926

From which

.A juniper, 3 ins. diam., hrs. north, 3 lks. dist., marked "BT" only.

A juniper, 3 ins. diam., hrs. S. 20°W., 5 lks. dist., marked "BT" only.

69.40 Electric power line, hrs. N. 27° 45'W., and S. 27° 45'E.

80.04 The cor. of secs. 5, 6, 7 and 8.

Land, rolling; W. exposure.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

Timber, scattered growth of scrub juniper and pinon.

Undergrowth, medium dense sagebrush and shadscale.

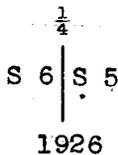
Medium growth of grass. Good grazing land.

Chains

N. 0° 22' W., on true line bet. secs. 5 and 6.
 Over rolling land, through scattered scrub timber,
 and medium dense undergrowth.

40.06 $\frac{1}{2}$ Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground on solid rock and 12 ins. in a mound of
 stone for $\frac{1}{4}$ sec. cor., with brass cap marked



From which

A juniper, 5 ins. diam., brs. N. 20° E., 52 lks.
 dist., marked $\frac{1}{4}$ S 5 B T.

A juniper, 3 ins. diam., brs. N. 25° W., 83 lks.
 dist., marked "BT" only.

54.00 Draw, drains S7.

70.00 Draw, drains SW.

75.00 Edge of canyon, brs. E. and W.; descend N. slope.

80.06 The cor. of secs. 5, 6, 31 and 32 on N. bdy. of Tp.,
 heretofore described.

Land, rolling: SW. drainage and exposure.

Soil, gravelly and sandy loam; 2nd and 3rd rate.

Timber, scattered growth of scrub juniper and pinon.

Medium dense sagebrush and shedscale undergrowth.

Medium growth of grass. Good grazing land.

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY

Chains

From cor. No. 1, of the Townsite of Ophir City, which is a limestone, 6 x 3 x 4 ins., above the ground, firmly set and marked O C S 1 on E. face, alongside of

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

T59
R4W
S27
COR. 1
OC

1930

From which

A locust, 15 ins. diam., brs. N. 37°45'E., 14 lks. dist., marked COR 1 OC BT.

A locust, 14 ins. diam., brs. S. 16°E., 85 lks. dist.; marked COR 1 OC BT.

Thence

On a retracement along bdy. of Townsite of Ophir City, on record courses and distances, making careful search for old cors., to record point for cor. No. 6, from which point the true position for cor. No. 6, brs. S. 43° 38'W., 1.69 chs. dist.

The true position for cor. No. 6, No. 8 and No. 41, was determined from data obtained from the records of the Ophir Hill Consolidated Co., Ophir, Utah, which records are of a survey locating the holding of the Ophir Hill Consolidated Co., and show that the survey was made in 1909 by H. Gridley, Engineer for above company. A copy of portion of the records giving ties to cors. No. 6, 8 and 41 is as follows:-

Sta. 27, N. 89° 04'W., 72.8 ft. to SE. cor. of tram house.

Sta. 27, N. 56° 27'W., 68.8 ft. to cor. No. 8, Ophir Townsite.

Sta. 27, S. 37° 24'E., 166.8 ft. to cor. No. 41, Ophir Townsite.

Sta. 27, S. 87° 01'W., 166.8 ft. to Sta. 28.

Sta. 28, S. 36° 47'W., 166.0 ft. to cor. No. 6, Ophir Townsite.

Sta. 28, N. 41° 52'W., 100.6 ft. to cor. No. 7,

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY.

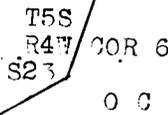
Chains

Ophir Townsite, not in place."

From the SE. cor. of tram house, the positions for Stations 27 and 28, were located, from which stations the true positions for cors. Nos. 6, 8 and 41 were established at the record courses and distances given in the records of the Ophir Hill Consolidated Co.

At true position for cor. No. 6.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap marked



1930

From this cor., S. 83°W., 14 lks. dist. "6" was found marked on face of ledge. I mark face of ledge to read as follows:- "30" / "45"

The proportionate courses and lengths of the lines of the Townsite of Ophir City, from cor. No. 1 to cor. No. 6, therefore is as follows:-

- From cor. No. 1.
- N. 11° 45'E., along line 1 - 2,
- 3.546 Proportionate point for cor. No. 2; thence
- N. 52° 15'E., along line 2 - 3.
- 10.63 Intersect sec. line bet. secs. 22 and 27, W. 4.24 chs. dist. from cor. of secs. 22, 23, 26 and 27.
- 13.95 Intersect line 3 - 4, Challenger lode, survey No. 4786, N. 50° 11'W., 3.93 chs. dist. from cor. No. 4.
- 15.99 Intersect line bet. secs. 22 and 23, N. 0° 02'W., 3.28 chs. dist. from cor. of secs. 22, 23, 26 and 27.
- 18.502 Proportionate point for cor. No. 3; thence
- N. 54° 13'E., along line 3 - 4.
- 24.279 Proportionate point for cor. No. 4; thence
- S. 83° 47' E., along line 4-5.
- 4.864 Proportionate point for cor. No. 5; thence
- N. 53° 27'E., along line 5-6.
- 1.419 Cor. No. 6, as described above.

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY.

Chains

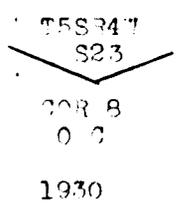
From this cor., U. S. Mineral Monument No. 7, hrs. N. 22° 18'E., 20.56 chs. dist. From U. S. Mineral Monument No. 7, cor. No. 1, **Roland** lode, lot No. 98, identical with cor. No. 2, Rising Sun lode, survey No. 4348, which is an old mound of stone, from which a pinon, 5 ins. diam., hrs. N. 36° 30'E., 53 lks. dist., marked 6-4348, hrs. S. 38° 50'E., 84 lks. dist. No evidence of cors. Nos. 2, 3 and 4 of the **Roland** lode could be found, and I was unable to find any evidence of any of the cors. of the Indicator lode, lot No. 91, nor of the Great Western & Western Extension Consolidated lode, lot No. 64.

From true cor. No. 8 on bdy. of Townsite of Ophir City: thence

On retracement line along bdy. of Townsite of Ophir City, on record courses and distances, to record point for cor. No. 8, from which point the true point for cor. No. 8, hrs. S. 60° W., 0.032 chs. dist. The true position for cor. No. 8 was determined from data obtained from the Ophir Mill Consolidated Co. as heretofore stated:

At true position for cor. No. 8.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground on solid rock and 24 ins. in a mound of stone with 5 ft. base, with brass cap marked



The proportionate courses and lengths of the lines of the Townsite of Ophir City, from cor. No. 6 to cor. No. 8, therefore are as follows:-

N. 7° 52'E., along line 6-7, to

3.188

Proportionate point for cor. No. 7; thence

S. 80° 49'E., along line 7-8, to

2.755

Cor. No. 8.

RETRACEMENT OF THE BOUNDARIES OF TOWNSITE OF OPHIR CITY.

Chains

From cor. No. 8, on bdy. of Townsite of Ophir City; thence
 On a retracement line along bdy. of Townsite of Ophir
 City, on record courses and distances, making careful
 search for old cors., to the record point for cor.
 No. 27, from which point the true cor. of 27, brs.
 S. 10° 15' E., 21 lks. dist. Cor. No. 27 is a lime-
 stone, 16 x 12 x 10 ins., above the ground, firmly
 set and marked O C S 27 U S on W. face

On N. side of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
 the ground on solid rock, and 20 ins. in a mound of
 stone, with brass cap marked



1930

The proportionate courses and lengths of the lines of
 the Townsite of Ophir City, from cor. No. 8 to cor.
 No. 27, therefore are as follows:-

- N. 59° 31' E., along line 8-9.
- 12.582 Proportionate point for cor. No. 9; thence
 N. 54° 01' E., along line 9-10.
- 6.293 Proportionate point for cor. No. 10; thence
 N. 0° 29' E., along line 10-11.
- 5.140 Proportionate point for cor. No. 11, from which point,
 U. S. Mineral Monument No. 7, brs. N. 84° 35' W., 11.42
 chs. dist.
- Thence
 S. 56° 36' E., along line 11-12.
- 3.694 Proportionate point for. cor. No. 12; thence
 N. 80° 21' E., along line 12-13.
- 3.469 Proportionate point for. cor. No. 13; thence
 N. 67° 31' E., along line 13-14.
- 2.090 Proportionate point for cor. No. 14; thence
 N. 9° 12' E., along line 14-15.

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY.

Chains	
7.007	Proportionate point for cor. No. 15; thence N. 67° 11'E., along line 15-16.
2.279	Proportionate point for cor. No. 16; thence S. 30° 18'E., along line 16-17.
7.243	Proportionate point for cor. No. 17; thence S. 53° 21'E., along line 17-18.
1.412	Proportionate point for cor. No. 18; thence N. 67° 11'E., along line 18-19.
4.078	Proportionate point for cor. No. 19; thence N. 48° 05'E., along line 19-20.
3.636	Proportionate point for cor. No. 20, from which point, cor. No. 3, Robert Emmet lode, survey No. 441½, which is an old mound of stone, from which a juniper, 8 ins. diam., brs. N. 30° 30'E., 56 lks. dist.; brs. N. 10° 31'E., 13.81 chs. dist.
	Thence S. 78° 33'E., along line 20-21.
1.481	Proportionate point for cor. No. 21. From this point, retrace S. 35° 25'W., 4.33 chs. dist. to record point for ¼ sec. cor. bet. secs. 23 and 24, and was unable to find any evidence of the ¼ sec. cor.
	From proportionate point for cor. No. 21; thence N. 81° 01'E., along line 21-22.
5.110	Proportionate point for cor. No. 22; thence N. 60° 01'E., along line 22-23.
3.920	Intersect line bet. secs. 23 and 24, N. 0° 01'W., 3.94 chs. dist. from ¼ sec. cor. bet. secs. 23 and 24.
11.44	Intersect line 3-4. Ophir Queen No. 3 lode, survey No. 5096, N. 18° 50'W., 3.87 chs. dist. from cor. No. 3.
18.538	Proportionate point for cor. No. 23; thence N. 83° 06'E., along line 23-24.
7.060	Proportionate point for cor. No. 24; thence N. 0° 01'E., along line 24-25.
4.661	Proportionate point for cor. No. 25; thence N. 56° 54' E., along line 25-26.

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY.

Chains

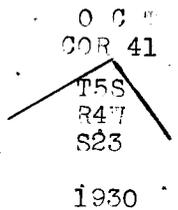
10.902 Proportionate point for cor. No. 26; thence
N. 15° 03'E., along line 26-27.

4.552 Cor. No. 27.

From cor. No. 27; thence
On a retracement-line along bdy. of Townsite of Ophir
City, on record courses and distances, making careful
search for old-cors., to the record point for cor. No.
41, from which point the true position for cor. No.
41 hrs. N. 7° 00'E., 53 lks. dist. The true position
for cor. No. 41 was determined from data obtained from
the records of the Ophir Hill Consolidated Co., as
heretofore described.

At the true position for cor. No. 41.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in
the ground on solid rock and 15 ins. in a mound of
stone, with brass cap marked



The proportionate courses and lengths of the lines of
the Townsite of Ophir City, from cor. No. 27 to cor.
No. 41, therefore are as follows:-

From cor. No. 27; thence

S. 54° 36'E., along line 27-28.

0.30 Found a limestone, 15 x 15 x 10 ins., firmly set in the
ground and marked with a cross (+) on top.

4.758 Proportionate point for cor. No. 28; thence
S. 29° 57'W., along line 28-29.

11.943 Proportionate point for cor. No. 29; thence
S. 55° 03'W., along line 29-30.

12.407 Proportionate point for cor. No. 30; thence
S. 69° 36'W., along line 30-31.

9.577 Proportionate point for cor. No. 31; thence
S. 19° 34'W., along line 31-32.

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY, MO.

- 1.780 Proportionate point for cor. No. 32; thence
S. 66° 05' W., along line 32-33.
- 5.40 Intersect line 2-3; New York lode, survey No. 4580,
S. 40° 38' E., 3.27 chs. dist. from cor. No. 2.
- 8.378 Proportionate point for cor. No. 33; thence
S. 69° 36' W., along line 33-34.
- 0.58 Intersect line bet. secs. 23 and 24, S. 0° 01' E., 1.14
chs. dist. from 1/2 sec. cor. bet. secs. 23 and 24.
- 7.771 Proportionate point for cor. No. 34; thence
S. 63° 45' W., along line 34-35.
- 11.268 Proportionate point for cor. No. 35; thence
S. 58° 49' W., along line 35-36.
- 3.678 Proportionate point for cor. No. 36; thence
S. 72° 36' W., along line 36-37.
- 5.029 Proportionate point for cor. No. 37; thence
S. 75° 42' W., along line 37-38.
- 3.294 Proportionate point for cor. No. 38; thence
S. 74° 22' W., along line 38-39.
- 7.235 Proportionate point for cor. No. 39; thence
S. 59° 54' W., along line 39-40.
- 12.909 Proportionate point for cor. No. 40; thence
N. 12° 59' W., along line 40-41.
- 1.507 Cor. No. 41.
From cor. No. 41; thence
On a retracement line along bdy. of Townsite of Ophir
City, on record courses and distances, making careful
search for old cors., to the record point for cor.
No. 1, from cor. No. 41, from which point cor. No. 1,
brs. N. 42° 06' E., 1.763 chs. dist.
- The proportionate courses and lengths of the lines of
the Townsite of Ophir City, from cor. No. 41 to cor.
No. 1, therefore are as follows:-
From cor. No. 41; thence
S. 60° 34' W., along line 41-42.
- 7.799 Proportionate point for cor. No. 42; thence

RETRACEMENT OF BOUNDARIES OF TOWNSITE OF OPHIR CITY.

Chains	
	N. 88° 51' W., along line 42-43.
5.827	Proportionate point for cor. No. 43; thence S. 49° 52' W., along line 43-44.
16.030	Proportionate point for cor. No. 44; thence N. 78° 32' W., along line 44-45.
2.278	Proportionate point for cor. No. 45; thence S. 50° 33' W., along line 45-46.
7.421	Proportionate point for cor. No. 46; thence S. 35° 40' W., along line 46-47.
0.50	Intersect line bet. secs. 22 and 23, N. 0° 02' W., 77 lks dist. from cor. of secs. 22, 23, 26 and 27.
0.56	Intersect line 3-4. Challenger lode, survey No. 4786, N. 50° 11' W., 1.88 chs. dist. from cor. No. 4.
1.46	Intersect line bet. secs. 22 and 27, west, 57 lks. dist. from cor. of secs. 22, 23, 26 and 27.
3.963	Proportionate point for cor. No. 47; thence S. 70° 28' W., along line 47-48.
5.567	Proportionate point for cor. No. 48; thence S. 44° 59' W., along line 48-49.
2.756	Proportionate point for cor. No. 49; thence S. 0° 01' E., along line 49-50.
7.489	Proportionate point for cor. No. 50; thence S. 48° 46' W., along line 50-51.
3.370	Proportionate point for cor. No. 51; thence N. 73° 14' W., along line 51-1.
2.737	Cor. No. 1, heretofore described. Cors. Nos. 1 and 27, which were found in place, and cors. Nos. 6, 8 and 41, the positions of which were established at points determined from data obtained from the records of the Ophir Hill Consolidated Co., were the only cors. remonumented along the bdys. of the Townsite of Ophir City.

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

In order to close the areas of public land adjacent to mineral claims in T. 5 S., R. 4 W., retracements were made of the boundaries of mineral claims as follows:-

Winter Quarter lode, lot No. 168.

From cor. No. 2, Winter Quarter lode, lot No. 168, which is a pine post, 2 x 4 ins., 4 ft. long, set in an old mound of stone and marked US 168 No 2 on NE. face, thence

N. 14° 15'E., along line 2-3.

5.27 Intersect line 2-3, Northern Light lode, lot No. 156, S. 86° 50'W., 1.19 chs. dist. from cor. No. 3, heretofore described on page 33.

11.70 No evidence of cor. No. 3 could be found. I retrace line 3-4, and 4-1, and am unable to find any evidence of cor. No. 4 and cor. No. 1.

Trace No. 3 lode, lot No. 141.

From cor. No. 5, Trace No. 3 lode, lot No. 141, heretofore described on page 33, from which cor. No. 3, Trace No. 2 lode, lot No. 140, described on page 35, hrs. N. 71° 30'E., 1.31 chs. dist.; thence

E. 78° 45'E., along line 5-4.

10.39 Intersect line 2-3, Winter Quarters lode, lot No. 168, N. 14° 15'E., 9.95 chs. dist. from cor. No. 2.

15.76 From this point, cor. No. 2, Empire Fraction lode, survey No. 3397 (not patented), which is a pine post, 4 ins. sq., 4 ft. long, firmly set in mound of stone and marked 2-3397 on E. face, hrs. S. 11° 15'E., 34 lks. dist.

17.55 Cor. No. 3, Empire Fraction lode, which is a pine post, 4 ins. sq., 4 ft. long, firmly set in mound of stone and marked 3-3397 on E. face, hrs. S. 11° 15'E., 49 lks. dist. This cor. is reported to be identical with cor. No. 4, Trace No. 3 lode, and I found cor. monument for cor. No. 4, Trace No. 3 lode, a pine

RETRACEMENT OF PORTION OF BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

post. 3 ins. sq., 4 ft. long, marked US 141 B 4, lying loose on the ground 30 lks. E. of cor. No. 3, Empire Fraction lode. There was no evidence that cor. No. 4 Trace No. 3 lode had been set at point cor. post was found or at cor. No. 3, Empire Fraction lode,

The course and distance of line 2-3, Empire Fraction lode, is N. 83° 33'E., 1.80 chs. which varies from the record.

The course and distance of the line from cor. No. 5, Trace No. 3 lode, to cor. No. 3, Empire Fraction lode, recorded identical with cor. No. 4, Trace No. 3 lode, is N. 80° 21'E., 17.56 chs. which varies with the record.

18.18 Record distance from cor. No. 5, for cor. No. 4, Trace No. 3 lode. No evidence could be found of cor. No. 4, Trace No. 3 lode at this point.

A retracement of lines 4-3, 3-2, 2-1, and 1-6, was made and no evidence of cons. Nos. 3, 2, 1 and 6 could be found.

Trace No. 2 lode, lot No. 140.

From cor. No. 3, Trace No. 2 lode, lot No. 140, heretofore described on page 33; thence S. 81° 30'E., along line 3-2.

3.04 No evidence of cor. No. 2, Trace No. 2 lode, could be found; thence N. 13° 45'E., along line 2-1.

8.31 Intersect line bet. secs. 24 and 25, N. 89° 59'E., 6.35 chs. dist. from cor. of secs. 23, 24, 25 and 26.

13.23 Intersect line 1-5, Dr. Woodruff lode, survey No. 4580, N. 2° 25'W., 2.59 chs. dist. from point for cor. No. 5. The point for cor. No. 5, Dr. Woodruff lode was established at record course and dist. from two bearing trees as follows:- N. 83° 50'W., 41.6 ft. from a balsam, 12 ins. diam., marked 4-5-4580.BT, and N. 10° 25'W., 38 ft. from balsam, 16 ins. diam.,

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

marked 4-5-4580 BT.

21.00 No evidence of cor. No. 1 could be found.

Thence

N. 81°30' W., along line 1-4.

3.04 No evidence of cor. No. 4 could be found.

Banner lode, lot No. 142

From cor. No. 1, Banner lode, lot No. 142, heretofore described on page 33, from which cor. No. 2, Northern Light lode, lot No. 156, which is a pine post, 4 ins. sq., 3 ft. long, set in a old mound of stone and marked US 156 2 on NE. face, brs. S. 34°15' W., 93 lks. dist.

Thence

I make a retracement of the bdys. of the Banner lode, and am unable to find any evidence of cors. Nos. 2, 3, 4, 5, and 6.

Trace lode, Lot No. 139.

A retracement of the bdys. of Trace lode, lot No. 139, was made from position for cor. No. 2, established at record course and distance, N. 23°30' W., 3735 ft. from U.S. Mineral Monument No. 2, and also from position for cor. No. 2, established at record courses and distances stated in the field notes of survey Fraction lode, survey No. 4580, and no evidence of any of the cors. of Trace lode, lot No. 139 could be found.

The position for cor. No. 2, Trace lode, lot No. 139, established at retrd course and distance from U.S. Mineral Monument No. 2, brs. N. 66°36' W., 1.36 chs. dist. from cor. of secs. 23, 24, 25, and 26.

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 8 S., R. 4 W.

Chains

Struck It lode, lot No. 134.

A retracement of the bdys. of Struck It. lode, lot No. 134, was made from positions for corq. of the Struck It lode, established at record courses and distances from U.S. Mineral Monument No. 1, and also from positions for cors. of Struck It lode, as determined through ties from the Cherry Mining Claim lode, to the Struck It lode, as recorded in the notes of survey No. 5473, and no evidence of any of the cors. of Struck It lode, lot No. 134, could be found.

Grand Gulch lode, lot No. 132.

From cor. No. 1, Grand Gulch lode, lot No. 132, heretofore described on page 40, a retracement of the bdys. of this claim was made, and no evidence of cors. Nos. 2, 3, 4, 5 and 6 could be found.

Baltic M. S., lot No. 151 B.

From cor. No. 2, Baltic M. S., lot No. 151 B., which is a pine post, 4 ins. sq., extending 3½ ft. above the ground, firmly set and marked No 2 US 151 B on N. face, thence I make a retracement of the bdys. of the Baltic M.S., and am unable to find any evidence of cors. Nos. 3, 4, and 1.

From cor. No. 2, Baltic M.S., lot No. 151 B., the ¼ sec. cor. bet. secs. 13, and 24, brs. N. 39°58' E., 5.79 chs. dist.

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

Grand Gulch No. 2 lode, lot No. 163

From cor. No. 1, Grand Gulch No. 2 lode, lot No. 163, which is a pine post, 4 ins. sq., 4 ft. long, lying on the ground and marked US on one face. Opposite face of post badly decayed. Evidence of old mound of stone found at end of post.

Thence

N. 89° 30'E., along line 1-4, Cor. No. 4 visible.

2.88 Cor. No. 4, Grand Gulch No. 2 lode, lot No. 163, heretofore described on page 40.

The course of this line therefore is N. 89° 30'E., and the dist. is 2.88 chs.

Thence

North, along line 4-3.

4.24 Intersect line bet. secs. 13 and 24, S. 89° 53'E., 13.54 chs. dist. from cor. of secs. 13, 14, 23 and 24.

5.10 Intersect cor. No. 1, Grand Gulch lode, lot No. 162, heretofore described on page 40.

17.20 Intersect line 2-3, June No. 2 lode, survey No. 5623, S. 71° 06'E., 19.07 chs. dist. from cor. No. 2, heretofore described on page 41.

21.81 Intersect cor. No. 3, Grand Gulch No. 2 lode, which is a pine post, 4 ins. sq., 3 ft. long, firmly set in the ground and marked US 163 on E. face, and P 3 on W. face.

The course of line 3-4, Grand Gulch No 2 lode, therefore is N., and the distance is 21.81 chs.

Thence

West, along line 2-3.

2.88 Intersect cor. No. 2, which is a pine post, 4 ins. sq., 3 ft. long, set in a mound of stone and marked US 163 on W. face, and P 2 on E. face.

The course of line 2-3, therefore is W., and the distance is 2.88 chs.

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains	
	San Joaquin lode, lot No. 37.
	From cor. No. 2, San Joaquin lode, lot No. 37, heretofore described on page 40; thence East, along line 2-3.
1.51	No evidence of cor. No. 3 could be found.
	From this point, cor. No. 1, Grand Gulch No. 2 lode, lot No. 163, hrs. S. 76 lvs. dist.
	I return to cor. No. 2, San Joaquin lode; thence North along line 1-2.
3.53	Intersect line bet. secs. 13 and 24, S. 89° 53' E., 9.15 chs. dist. from cor. of secs. 13, 14, 23 and 24.
14.30	Intersect line 1-2, Green Eyed Monster lode, lot No. 136, S. 61° 05' W., 2.64 chs. dist. from cor. No. 1, hereinafter described.
16.01	Intersect line 3-4, Green Eyed Monster lode, lot No. 136, S. 61° W., 1.81 chs. dist. from cor. No. 4, hereinafter described.
17.94	Intersect line 2-3, June No. 2 lode, survey No. 5623, S. 71° 06' E., 14.49 chs. dist. from cor. No. 2, heretofore described on page 41.
21.21	No evidence of cor. No. 1 could be found.
	Thence East, along line 1-4.
1.51	No evidence of cor. No. 4 could be found.
<hr/> Jim Fisk Jr. lode, lot No. 135.	
	From cor. No. 4, Jim Fisk Jr. lode, lot No. 135, which is a pine post, 4 ins. sq., 3 ft. long, lying on ground and marked US 135 No 4; thence S. 76° 45' E., along line 4-1.
0.37	Intersect line 3-4, Green Eyed Monster lode, lot No. 136, S. 61° W., 4.08 chs. dist. from cor. No. 4, hereinafter described.
1.55	Intersect cor. No. 1, Jim Fisk Jr. lode, identical with cor. No. 2, Sure Mike lode, survey No. 5535, claim

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

not patented, which is pine post, 4 ins. sq., 4 ft. long, lying on ground and marked US 135 No 1, on one face and 2-5535 on opposite face, from which stump of mahogany, 5 ins. diam., brs. S. 52°E., 7 lks. dist. marked BT.

The course of line 1-4, Jim Fisk Jr. lode, therefore is S. 76° 45'E., and the distance is 1.55 chs.

Thence

S. 13° 15'W., along line 1-2.

0.95 Intersect line 1-2, Green Eyed Monster lode, lot No. 136, S. 61° 05'W., 3.83 chs. dist. from cor. No. 1, hereinafter described.

8.99 Intersect cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, lying in old mound of stone and marked US 135 No 2, from which a juniper, 8 ins. diam., brs. N. 68°E., 10 lks. dist., marked US 135 No 2 BT.; a juniper, 8 ins. diam., brs. S. 67°W., 4 lks. dist., marked US 135 No 2 BT.

The course of line 1-2, Jim Fisk Jr. lode, therefore is S. 13° 15'W., and the distance is 8.99 chs.

Thence

N. 75° 37'W., along line 2-3. Point for cor. No. 3 visible.

1.53 The point for cor. No. 3, established at record course and distance, N. 48° 42'W., 79 lks. dist. from a pinon, 14 ins. diam., marked US 135 No 3 BT.

The course of line 2-3, Jim Fisk Jr. lode, therefore is N. 75° 37'W., and the distance is 1.53 chs.

Thence.

N. 13° 15'E., along line 3-4.

9.09 Record point for cor. No. 4 from cor. No. 3, from which point cor. No. 4, ~~brs.~~ ^{monument} brs. S. 22°W., 13 lks. dist.

The course of line 3-4, therefore is N. 13° 05'E., and the distance is 8.96 chs.

Thence from cor. No. 4,

S. 13° 05'W., along line 3-4.

RETRACEMENT OF BOUNDARIES OF
 BOUNDARIES OF MINERAL CLAIMS IN T. 8 N., R. 20 E.

- | Chains | Description |
|--------|--|
| 0.36 | Intersect line 3-4, Green Eyed Monster lode, lot No. 130, S. 61° W., 4.58 chs. dist. from cor. No. 3, hereinafter described. |
| 2.92 | Intersect line 1-4, Chrisopolis Easterly lode, lot No. 133, S. 42° 41' W., 32 lvs. dist. from cor. No. 4, hereinafter described. |
| 3.96 | Cor. No. 3: |

Chloride Gem lode, lot No. 137.

From cor. No. 3, Chloride Gem lode, lot No. 137, heretofore described on page 40: thence

S. 75° 45' E., along line 3-2.

- | | |
|-------|---|
| 1.51 | No evidence of cor. No. 2 could be found. Return to cor. No. 3; thence N. 14° 15' E., along line 3-4. |
| 6.24 | Intersect line bet. secs. 13 and 24, S. 99° 53' E., 2.15 chs. dist. from cor. of secs. 13, 14, 23 and 24. |
| 12.50 | Intersect line 1-4, Chrisopolis Easterly lode, lot No. 133, S. 42° 41' W., 3.97 chs. dist. from cor. No. 4, hereinafter described. |
| 21.09 | Intersect line 3-4, Dixie lode, lot No. 151 (AM), S. 40° 04' W., 1.37 chs. dist. from cor. No. 3, hereinafter described. |
| 22.27 | Intersect line 2-3, June No. 2 lode, survey No. 5623, S. 71° 06' E., 11.12 chs. dist. from cor. No. 2, heretofore described on page 41. |
| 23.97 | Cor. No. 4, Chloride Gem lode, which is a pine post, 4 ins. sq., extending 3 ft. above the ground, firmly set and marked US 137 P 4. |

The course of line 3-4, Chloride Gem lode, lot No. 137, therefore is N. 14° 15' E., and the dist. is 23.97 chs.

Thence

S. 75° 45' E., along line 1-4.

- | | |
|------|---|
| 1.51 | No evidence of cor. No. 1 could be found. |
|------|---|

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

- 2.97 From cor. No. 1, Chrisopolis Easterly lode, lot No. 133, identical with cor. No. 3, Chrisopolis lode, lot No. 73, claim not patented, which is a pine post, 6 ins. diam., 6 ft. long, set in a mound of stone and marked US 133 1 on N. face, from which a pinon, 20 ins. diam., hrs. S. 46° E., 7 lks. dist., marked US 133 3 BT.
- Thence
N. 46° W., along line 1-2, Chrisopolis Easterly lode.
- 2.97 Intersect cor. No. 2, identical with cor. No. 4, Chrisopolis lode, lot No. 73, unpatented, heretofore described on page 55.
- The course of line 1-2, Chrisopolis Easterly lode, lot No. 133 therefore is N. 46° W., and the dist. is 2.97 chs.;
- Thence
N. 44° 40' E., along line 2-3.
- 15.67 Point from which cor. No. 3, which is a pine post, 5 ins. diam., 4 ft. long, set in mound of stone, and marked US 133 No 3, hrs. S. 74° W., 25.2 lks. dist.,
- The course of line 2-3, Chrisopolis Easterly lode, therefore is N. 44° 13' E., and the dist. is 15.45 chs.
- Thence
S. 44° 13' W., on true line, along line 2-3.
- 13.21 Intersect line 1-4, Dixie lode, lot No. 151 A, (AM), S. 49° 39' E., 38 lks. dist. from cor. No. 4, herein after described.
- 15.03 Intersect line bet. secs. 14 and 23, N. 89° 58' W., 5.92 chs. dist. from cor. of secs. 13, 14, 23 and 24.
- 15.45 Cor. No. 2.
From cor. No. 3, Chrisopolis Easterly lode, lot No. 133.
- Thence
S. 45° 45' E., along line 3-4.
- 2.51 Intersect cor. No. 4, which is a badly decayed pine post, 4 ins. sq., 4 ft. long, lying on old mound of

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 10 W.

Chains		and
	stone, and marked US. No other marks visible on post.	
	The course of line 3-4, Chrisopolis Easterly lode, therefore is S. 45° 45'E., and the dist. is 2.51 chs.	
	Thence	
	S. 42° 53'W., along line 4-1.	
15.66	Point from which cor. No. 1, brs. N. 61°E., 23 lks. dist	
	The course of line 4-1, therefore is S. 42° 41'W., and the dist. is 15.44 chs.	
	Thence from cor. No. 1	
	N. 42° 41'E., on true line, along line 1-4.	
6.01	Intersect line bet. secs. 13 and 14, N. 0° 01'W., 2.05 chs. dist. from cor. of secs. 13, 14, 23 and 24.	
11.47	Intersect line 3-4, Chloride Gem lode, lot No. 137, N. 14° 15'E., 13.50 chs. dist. from cor. No. 3, heretofore described.	
15.12	Intersect line 3-4, Jim Fisk Jr. lode, lot No. 135, N. 13° 07'E., 6.14 chs. dist. from cor. No. 3, heretofore described.	
15.44	Cor. No. 4, Chrisopolis Easterly lode, lot. No. 133.	
	Dixie lode, lot No. 151 A (AM).	
	From cor. No. 4, Dixie lode, lot No. 151A.(AM), which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 4 US L 151A on E. face; thence	
	N. 40° 21'E., along line 3-4.	
13.18	Record dist., from which point cor. No. 3, Dixie lode, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 3 US L 151A on S. face, brs. N. 68°W., 9½ lks. dist.	
	The course and dist of line 3-4, Dixie lode, therefore is N. 40° 04'E., 18.15 chs.	
	Thence from cor. No. 3, Dixie lode.	
	S. 40° 04'W., along line 3-4.	
1.37	Intersect line 3-4, Chloride Gem lode, lot No. 137, S. 14° 15'W., 2.88 chs. dist. from cor. No. 4, hereto-	

RETRACEMENT OF PORTION OF
W BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

- fore described.
- 10.45 Intersect line bet. secs. 13 and 14, N. 0° 01' W., 7.44 chs. dist. from cor. of secs. 13, 14, 23 and 24.
- 10.51 Intersect line 3-4, Green Eyed Monster lode, lot No. 136, N. 61° E., 8.66 chs. dist. from cor. No. 3, hereinafter described.
- 14.54 Intersect line 1-2, Green Eyed Monster lode, lot No. 136, N. 61° 05' E., 4.80 chs. dist. from cor. No. 2, hereinafter described.
- 18.15 Cor. No. 4, Dixie lode, lot No. 151A.
Thence
S. 49° 39' E., along line 1-4. Cor. No. 1 is visible.
- 0.39 Intersect line 2-3, Chrisopolis Easterly lode, lot No. 133, N. 44° 13' E., 2.24 chs. dist. from cor. No. 2, heretofore described.
- 1.38 Cor. No. 1, Dixie lode, lot No. 151A, (A'), which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 1 US L 151A on N. face. Post is badly decayed near bottom.
The course of line 1-4, Dixie lode, therefore is S. 49° 39' E., and the distance is 1.38 chs.
Thence
N. 40° 21' E., along line 1-2.
- 18.18 Record distance, from which point cor. No. 2, Dixie lode, which is a pine post, 4 ins. sq., 4 ft. long, set in the ground and marked 2 US L 151A on W. face, from which a mahogany stump, 10 ins. diam., marked 151 A 2 BT, hrs. S. 47° 15' W., 47 lks. dist, hrs. S. 36° E., 6.7 lks. dist.
The course of line 1-2, Dixie lode, therefore is N. 40° 36' E., and the distance is 18.18 chs.
Thence from cor. No. 2, Dixie lode.
N. 49° 39' W., along line 2-3. Cor. No. 3 is visible.
- 1.55 Cor. No. 3, Dixie lode, lot No. 151A.
The course and distance of line 2-3, therefore is N. 49° 39' W., 1.55 chs.

RETRACEMENT OF PORTION OF BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains	
	Green Eyed Monster lode, lot No. 136.
	From cor. No. 2, Green Eyed Monster lode, lot No. 136, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked US 136 2 on N. face, from which a mahogany 12 ins. diam., marked US 136 No 2 BT, brs. S.10°45'E., 4 lks. dist., and a balsam, 15 ins. diam., marked US 136 No 2 BT, brs. N. 22°E., 20 lks. dist.; thence N. 29°W., along line 2-3. Cor. No. 3 visible.
1.47	Cor. No. 3, Green Eyed Monster lode, lot No. 136, which is a pine post, 4 ins. sq., 4 ft. long, lying on the ground and marked US 136 3 on one face, from which a pinon, 18 ins. diam., marked US 136 3 BT, brs. S. 50°50'W., 17 lks. dist.
	The course and distance of line 2-3, Green Eyed Monster lode, lot No. 136, therefore is N. 29°W., 1.47 chs.. Thence from cor. No. 3. N. 61°E., along line 3-4.
8.66	Intersect line 3-4, Dixie lode, lot No. 151A (AM), N. 40° 04'E., 7.64 chs. dist. from cor. No. 4, heretofore described.
16.39	Intersect line 3-4, Jim Fisk Jr. lode, lot No. 135, S. 13° 07'W., 36 lks. dist. from cor. No. 4, heretofore described.
16.89	Intersect line 1-4, Jim Fisk Jr. lode, lot No. 135, S.76° 45'E., 37 lks. dist. from cor. No. 4.
19.16	Intersect line 1-2, San Joaquin lode, lot No. 37, N. 16.01 chs. dist. from cor. No. 2, heretofore described.
20.97	Cor. No. 4, Green Eyed Monster lode, lot No. 136, which is a pine post, 4 ins. sq., 3 ft. long, lying on the ground and marked US 136 4 on one face. Evidence of old mound of stone found at end of post.
	The course of line 3-4, Green Eyed Monster lode, therefore is N. 61°E., and the distance is 20.97 chs. Thence from cor. No. 4.

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

- S. 29° E., along line 4-1. Point for cor. No. 1 visible.
- 1.50 Point for cor. No. 1, Green Eyed Monster lode, lot No. 136, established at record course and distance, S. 39° 17' E., 56 lks. dist. from a mahogany, 10 ins. diam., marked US 136 1 BT.
- The course and distance of line 1-4, Green Eyed Monster lode, therefore is S. 29° E., 1.50 chs.
- Thence from cor. No. 1.
- S. 61° W., along line 1-2.
- 21.21 Record distance, from which point cor. No. 2, brs. N. 55° E., 25 lks. dist.
- The course and distance of line 1-2, Green Eyed Monster lode, lot No. 136, therefore is S. 61° 05' W., 20.96 chs.
- Thence from cor. No. 2, Green Eyed Monster lode.
- N. 61° 05' E., along line 1-2.
- 4.80 Intersect line 3-4, Dixie lode, lot No. 151A (A²), N. 40° 04' W., 3.51 chs. dist. from cor. No. 4, heretofore described.
- 17.13 Intersect line 1-2, Jim Fisk Jr. lode, lot No. 135, S. 13° 15' W., 95 lks. dist. from cor. No. 1, heretofore described.
- 18.33 Intersect line 1-2, San Joaquin lode, lot No. 37, N., 14.30 chs. dist. from cor. No. 2, heretofore described.
- 20.96 Cor. No. 1, Green Eyed Monster lode, lot No. 136.

General Sherman lode, survey No. 4932.

From cor. No. 1, General Sherman lode, survey No. 4932, identical with cor. No. 1, Silver Crown lode, survey No. 5286, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 1-4932 on SE., and 1-5286 on SW. face

Thence

S. 21° 20' W., along line 1-2, General Sherman lode.

- 9.09 Intersect cor. No. 2, Silver Crown lode, survey No. 5286, which is a cedar post, 3 ins. diam., 4 ft. long,

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains		an in
	set in a mound of stone and marked 2-5286 on N. face.	
22.58	Fall S. 68° 40' E., 20 lks. dist. from cor. No. 2, Old General Sherman lode, survey No. 4932, heretofore described on page 57.	
	The course and distance of line 1-2, General Sherman lode, therefore is S. 21° 50' E., 22.58 chs.	
	Wild Delirium lode, lot No. 88.	
	From cor. No. 2, Wild Delirium lode, lot No. 88, heretofore described on page 56; thence	
	South along line 1-2, Wild Delirium lode.	
11.12	Intersect line 2-3, Lost Boy lode, lot No. 164, N. 54° E., (record course), 12.97 chs. dist. from cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long set in a mound of stone and marked US 164 2.	
	No evidence of cor. No. 3, Lost Boy lode, lot No. 164 could be found.	
14.42	Intersect line bet. secs. 14 and 23, S. 89° 58' E., 35.80 chs. dist. from cor. of secs. 14, 15, 22 and 23.	
17.79	Intersect line 3-4, Our Boys lode, survey No. 6301, N. 44° 53' E., 63 lks. dist. from cor. No. 3, which is a cedar post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 3-6301 0 3 on W. face.	
45.45	Record distance for cor. No. 1. No evidence of cor. No. 1, Wild Delirium lode, lot No. 88 could be found. I return to cor. No. 2, Wild Delirium lode; thence East along line 2-3.	
2.97	Intersect cor. No. 3, Wild Delirium lode, heretofore described on page 56.	
	The course and distance of line 2-3, Wild Delirium lode, therefore is East, 2.97 chs.	
	From this cor., cor. No. 2, Dewey No. 3 lode, survey No. 5473, heretofore described on page 56, hrs. S. 0° 30' E., 7.03 chs. distance.	
	From cor. No. 3, Wild Delirium lode, lot No. 88; thence	

RETRACEMENT OF PORTION OF BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

- 0.00 South, along line 3-4, Wild Delirium lode.
- 8.98 Intersect line 2-3, Lost Boy lode, lot No. 164, N. 54° E., (record course), 16.82 chs. dist. from cor. No. 2, heretofore described. No evidence of cor. No. 3, Lost Boy lode, lot No. 164 could be found.
- 14.42 Intersect line bet. secs. 14 and 23, S. 89° 58' E., 38.77 chs. dist. from cor. of secs. 14, 15, 22 and 23.
- 31.18 Intersect line 3-4, Maud S lode, survey No. 4349, N. 79° 41' E., 2.26 chs. dist. from cor. No. 3, which is a pine post, 6 x 4 ins., 3 ft. long, set in a mound of stone and marked 3-4349 on SE. face.
From point of intersection of line 3-4, Maud S lode, cor. No. 1, Ophir Queen No. 7 lode, **not patented,** survey No. 5473, which is a pine post, 4 ins. sq., 3 ft. long set in mound of stone and marked 1-5473 on NE. face, hrs. N. 79° 41' E., 27 lbs. dist.
- 40.25 record distance for cor. No. 4, Wild Delirium lode, lot No. 88. No evidence of cor. could be found.
From cor. No. 4, Wild Delirium lode, a retracement of lines 4-5, 5-6, and 6-1, was made and no evidence of cors. Nos. 5, 6 and 1 could be found.

Rattler No. 2 lode, lot No. 101.

From cor. No. 4, Rattler No. 2 lode, lot No. 101, identical with cor. No. 3, Japan No. 6 lode, survey No. 5578, which is an aspen post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 3-5578 on SE. face. Evidence of marks on SW. face of post which I am unable to read. Post is partly decayed.

Thence

N. 45° W., along line 1-4, ^{No. 2} Rattler lode, lot No. 101.

- 8.86 Intersect cor. No. 1, ^{No. 2} Rattler lode, lot No. 101, identical with cor. No. 4, Dwight lode, lot No. 171, which is a badly decayed aspen post, 4 ins. diam., 3 ft. long, lying on old mound of stone, from which an aspen,

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RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

6 ins. diam., marked US 171 BT, hrs. N. 29° 30' E., 9
lks. dist.

The course and distance of line 1-4, Rattler^{No. 2} lode, lot
No. 101, therefore is N. 45° W., 8.86 chs.

Dwight lode, lot No. 171.

From cor. No. 4, Dwight lode, lot No. 171, identical
with cor. No. 1, Rattler^{No. 2} lode, lot No. 101, thence
N. 45° W., along line 4-3, Dwight lode, lot No. 171.

8.58 Intersect line 3-4, H. P. Stone lode, survey No. 5065,
S. 44° 38' W., 3.03 chs. dist. from cor. No. 3, which
is a pine post, 4 ins. sq., 4 ft. long, set in a
mound of stone and marked 3-5065 on W. face.

8.99 Intersect cor. No. 3, Dwight lode, lot No. 171, which is
an aspen post, 3 ins. diam., 3 ft. long, marked US on
S. face. No other marks visible. Post is badly
weathered, lying in sagebrush with one end set in the
ground.

The course of line 3-4, Dwight lode, lot No. 171, there-
fore is N. 45° W., and the distance is 8.99 chs.

Idamonta lode, survey No. 3478.

From cor. No. 4, Idamonta lode, survey No. 3478, which is
a pine post, 4 ins. sq., extending 3 ft. above the
ground and marked 4-3478 on N. face; thence
N. 35° 28' W., along line 1-4, Idamonta lode.

3.59 Intersect line 3-4, H. P. Stone lode, survey No. 5065,
S. 44° 38' W., 1.80 chs. dist. from cor. No. 3, hereto-
fore described.

22.73 Intersect cor. No. 1, Idamonta lode, survey No. 3478,
which is a pine post, 4 ins. sq., 4 ft. long set in
mound of stone and marked 1-3478 on E. face.

The course and distance of line 1-4, Idamonta lode, there-
fore is N. 35° 28' W., 22.73 chs. dist.

RETRACEMENT OF PORTION OF BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

chains

Commodore lode, lot No. 73 (AM.)

A retracement of the boundaries of Commodore lode, lot No. 73, (AM.) was made from positions for the cors. established at record course and distance of tie from U. S. Mineral Monument No. 6, and no evidence of any of the cors. of Commodore lode, lot No. 73 (AM) could be found.

Leviathase lode, survey No. 3478. From cor. No. 2, Leviathase lode, survey No. 3478, heretofore described on page 84; thence S. 89° 25' W., along line 2-3, Leviathase lode; cor. No. 3 is visible.

8.84 Intersect cor. No. 3, Leviathase lode, survey No. 3478, heretofore described on page 84. The course and distance of line 2-3, Leviathase lode, survey No. 3478, therefore is S. 89° 25' W., 8.84 chs.

Thence from cor. No. 3, South, along line 3-4, Leviathase lode, survey No. 3478. 21.09 Fall 25 lks. E. of cor. No. 4, Leviathase lode, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked COR P 4-3478 on NE., and LEVIATHASE SW on SW. face.

The course and distance of line 3-4, Leviathase lode, survey No. 3478, therefore is S. 0° 41' W., 21.09 chs.

Ophir No. 2 lode, survey No. 3508.

From cor. No. 4, Ophir No. 2 lode, survey No. 3508, heretofore described on page 70; thence

S. 15° 07' W., along line 1-4, Ophir No. 2 lode, 22.41 Intersect cor. No. 1, Ophir No. 2 lode, survey No. 3508, identical with cor. No. 4, Ophir No. 4 lode, survey No. 3507, which is a cedar post, 4 ins. sq., 4 ft. long; set in mound of stone and marked 1-3508

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 10 E., T. 7.

Chains

acres

on N.T., and 4-3507 on SW. face.

The course and distance of line 1-4, Ophir No. 2 lode, survey No. 3508, therefore is S. 15° 07' W., 22.41 chs

Lakes of Killarney lode, lot No. 167.

From cor. No. 1, Lakes of Killarney lode, lot No. 167, heretofore described on page 74; thence

S. 27° 7', along line 1-4, Lakes of Killarney lode.

9.15 Fall N. 63° W., .5 lks. dist. from cor. No. 4, Lakes of Killarney lode, heretofore described on page 74.

The course and distance of line 1-4, Lakes of Killarney lode, lot No. 167, therefore is S. 26° 41' W., .9.15 chs

From cor. No. 4, a retracement of lines 3-4, 3-2, and 1-2, was made and no evidence of cors. Nos. 2 and 3 could be found.

Golden Lion No. 3 lode, survey No. 3654.

From cor. No. 4, Golden Lion No. 3 lode, survey No. 3654 heretofore described on page 96; thence

S. 25° 20' E., along line 3-4.

13.50 Intersect cor. No. 3, which is a pine post, 4 ins. sq., 3 ft. long, set in old mound of stone. Post has been charred by fire and marks are not visible.

The course and distance of line 3-4, Golden Lion No. 3 lode, survey No. 3654, therefore is S. 25° 20' E., 13.50 chs.

Thence from cor. No. 3.

N. 46° 45' E., along line 3-2.

6.10 Intersect cor. No. 2 Golden Lion No. 3 lode, identical with cor. No. 2, Golden Lion No. 4 lode, survey No. 3654, which is a pine post, 4 ins. sq., 3 ft. long, set in mound of stone. Post has been charred by fire and marks are not visible.

The course and distance of line 3-2, Golden Lion No. 3 lode therefore is N. 46° 45' E., 6.10 chs.

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Golden Lion No. 4 lode, survey No. 3654.
 From cor. No. 2, Golden Lion No. 4 lode, identical with
 cor. No. 2 Golden Lion No. 3 lode, survey No. 3654;
 thence

N. 46° 45' E., along line 2-3.

9.14 Intersect cor. No. 3, Golden Lion No. 4 lode, identical
 with cor. No. 4, Golden Lion No. 5 lode, survey No.
 3654, which is a pine post, 4 ins. sq., 4 ft. long,
 set in mound of stone and marked 3-4- 3654 on NW. face.
 Cor. is witnessed by two bearing trees.

The course of line 2-3, Golden Lion No. 4 lode, survey
 No. 3654, therefore is N. 46° 45' E., 9.14 chs. distance.

Golden Lion No. 5 lode, survey No. 3654.

From cor. No. 4, Golden Lion No. 5 lode, identical with
 cor. No. 3, Golden Lion No. 4 lode, survey No. 3654;
 thence

N. 46° 45' E., along line 4-3.

9.00 Intersect cor. No. 3, Golden Lion No. 5 lode, which is
 a pine post, 4 ins. sq., 4 ft. long, set in a mound of
 stone and marked 3-3654 on W. face.

The course and distance of line 4-3, Golden Lion No. 5
 lode, survey No. 3654 therefore is N. 46° 45' E., 9.00 chs.
 Thence from cor. No. 3.

N. 25° 42' W., along line 3-2.

22.39 Intersect cor. No. 2, Golden Lion No. 5 lode, heretofore
 described on page 98.

The course and distance of line 3-2, Golden Lion No. 5
 lode, therefore is N. 25° 42' W., 22.39 chs.

Thence from cor. No. 2.

S. 46° 45' W., along line 2-1.

4.50 Intersect cor. No. 4, Golden Lion Mine No. 2 lode,
 survey No. 3654, heretofore described on page 99.

The course and distance of line from cor. No. 2, Golden
 Lion No. 5 lode, to cor. No. 4, Golden Lion Mine No.

RETRACEMENT OF PORTION OF

'BOUNDARIES OF MINERAL CLAIMS IN T. 6 S., R. 4 W.

Chains

2 lode, survey No. 3654, therefore is S.45°45'W.,
4.50 chs.

Golden Lion Mine No. 2 lode, survey No. 3654.

From cor. No. 4, Golden Lion Mine No. 2 lode, survey No. 3654; thence

N. 25° 42'W., along line 4-3.

5.14 Point from which cor. No. 3, Golden Lion Mine No. 2 lode which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 3-3654 on S. face, brs. S.43° 30'W., 23.4 lks. dist.

The course and distance of line 3-4, Golden Lion Mine No. 2 lode, survey No. 3654 therefore is N.28° 11'W., 5.06 chs.

Golden Lion lode, survey No. 3654.

From cor. No. 3, Golden Lion Mine No. 2 lode; thence N. 46° 45'E., along line 1-2, Golden Lion lode.

3.06 Intersect cor. No. 2, Golden Lion lode, survey No. 3654, heretofore described on page 99.

The course and distance of line from cor. No. 3, Golden Lion Mine No. 2 lode, to cor. No. 2, Golden Lion lode, survey No. 3654, therefore is N.46° 45'E., 3.06 chs.

Thence from cor. No. 2, Golden Lion lode.

N. 43° 15'W., along line 2-3.

9.33 Intersect cor. No. 3, Golden Lion lode, identical with cor. No. 3, Golden Lion No. 6 lode, survey No. 3654, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 3-3-3654 on S. face.

The course and distance of line 2-3, Golden Lion No. 6 lode, survey No. 3654, therefore is N.43°15'W., 9.33 chs.

Red Butte No. 2 lode, survey No. 3654.

From cor. No. 3, Red Butte No. 2 lode, identical with

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

about 3 chs. cor. No. 4, Red Butte No. 3 lode, survey No. 3654,
and which is a pine post, 4 ins. sq., 4 ft. long, firmly
set in the ground and marked 3-4- 3654 on S. face;
thence

S. 46° 45' W., along line 3-4, Red Butte No. 2 lode.

22.45 Intersect cor. No. 4, Red Butte No. 2 lode, which is a
pine post, 4 ins. sq., 3 ft. long, set in old mound of
stone and marked 4-3654 on E. face. Cor. is witnessed
by two bearing trees.

The course and distance of line 3-4, Red Butte No. 2
lode, survey No. 3654, therefore is S. 46° 45' W., 22.45 chs.

Ramshorn No. 2 lode, survey No. 3654.

From cor. No. 3, Ramshorn No. 2 lode, survey No. 3654,
which is decayed stump of post in center of old mound
of stone, from which cor. No. 4, Red Butte No. 2 lode,
brs. N. 34° 30' W., 75 l's. dist.

Thence

S. 74° W., along line 3-2, Ramshorn No. 2 lode.

12.49 Intersect cor. No. 2, Ramshorn No. 2 lode, identical
with cor. No. 3, Ramshorn No. 5 lode, survey No. 3654,
which is a decayed stump of post in center of old
mound of stone.

The course and distance of line 3-2, Ramshorn No. 2 lode,
survey No. 3654, therefore is S. 74° W., 12.49 chs.

Ramshorn No. 5 lode, survey No. 3654.

From cor. No. 3, Ramshorn No. 5 lode, identical with
cor. No. 2, Ramshorn No. 2 lode; thence

S. 74° W., along line 3-4, Ramshorn No. 5 lode.

22.60 Intersect cor. No. 4, Ramshorn No. 5 lode, identical
with cor. No. 4, Ramshorn No. 6 lode, survey No. 3654;
which is a decayed stump of post, in center of old
mound of stone.

RETRACEMENT OF PORTION OF
BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 4 W.

Chains

The course and distance of line 3-4, Ramshorn No. 5 lode survey No. 3654, therefore is S. 74°W., 22.50 chs.

Ramshorn No. 6 lode, survey No. 3654.

From cor. No. 4, Ramshorn No. 6 lode, identical with cor. No. 4, Ramshorn No. 5 lode, survey No. 3654; thence

S. 74°W., along line 4-3, Ramshorn No. 6 lode.

22.58 Intersect cor. No. 3, Ramshorn No. 6 lode, heretofore described on page 112.

The course and distance of line 4-3, Ramshorn No. 6 lode survey No. 3654, therefore is S. 74°W., 22.58 chs.

GENERAL DESCRIPTION OF T. 5 S., R. 4 W.

The land embraced in this township varies from rolling valley in the western portion to high mountains of the Oquirrh range in the central and eastern portion and is from 5300 ft. to 9900 ft. above sea level.

The mountainous portion is rugged in character, being broken by high ridges, spurs and deep canyons, the slopes of which are very steep. The main drainage is in a westerly direction and is formed by Ophir Canyon, Silverado Canyon and Dry Canyon. Ophir Canyon enters the township in sec. 13, and drains in a southwesterly direction through secs. 13, 24, 23, 27, 28, 33 and 32. Silverado Canyon heads in sec. 25, and drains in a westerly direction through secs. 25, 26, 35, 34 and 33, into Ophir Creek. Dry Canyon heads in sec. 11, and drains southwesterly through secs. 11, 14, 22, and 21, leaving the mountains in sec. 21, thence draining northwesterly through secs. 20, 17 and 18.

The northeast cor. of the township is drained by deep ravines in a northwesterly direction into Soldier Creek in T. 4 S., R. 4 W.

GENERAL DESCRIPTION, T. 5 S., R. 4 W.

Chains

The soil of the mountainous portion of this township is ~~loose sticky~~, consisting of a sandy mountain loam and may be classed from 2nd to 3rd rate, and the soil of the western portion is a sandy, gravelly and clay loam, and may be classed as 2nd rate. The soil supports a medium growth of native grass, and from a medium to dense undergrowth of chokecherry, service berry, mahogany and sagebrush on the mountainous portion, and a medium growth of sagebrush and shadscale in the rolling valley on western portion.

On the north slopes of the mountainous portion of the township, there is found a medium growth of Douglas fir and balsam timber which varies in size from young trees to trees twelve inches in diameter. Along the foot of the mountains extending north and south through center of township is found a medium growth of scrub juniper and pinon timber.

There are two small springs of water, one in sec. 14 and one in sec. 10, that provide watering places for stock. The water supply of Ophir City townsite is obtained from Ophir Creek. The water is piped along bottom of Ophir Canyon from sec. 7, T. 5 S., R. 3 W., to the townsite, thence to a electric power plant of the Utah Power and Light Co., located in sec. 28, where the unused portion of water is returned to the natural creek bed and is used to irrigate cultivated land to the S^W.

The Ophir City townsite is located in bottom of Ophir Canyon and extends through a portion of secs. 27, 22, 23 and 24. The town has a population of approximately one hundred and fifty, and about ninety dwelling houses, mostly frame buildings, two stores, two pool halls, one brick school house and post office.

Mining is the main industry carried on in this township.

The major portion of the Ophir Mining District is

GENERAL DESCRIPTION OF T. 5 S., R. 4 W.

Chains

located in the township, and very extensive mining developments have been made, particularly in secs. 25, 23, 24, 14 and 15. Gold, silver and lead are the main metals found in the ores mined.

The St. John and Ophir R.R. crosses secs. 30, 29, 28, 27, the SE. cor. sec. 22 and SW. cor. sec. 23 to Ophir City townsite. This R.R. discontinued services in November, 1928.

There are two settlers located along Ophir Creek, in secs. 28, 33 and 32, who have small fields under cultivation which are irrigated with water from Ophir Creek. The remaining portion of the township is not suitable for cultivation, but the land is adapted and is used for grazing of sheep and cattle. All parts of the township are accessible and the soil produces from a medium to dense growth of brush and grass which affords excellent feed for stock.

The mean magnetic declination was found to be 16°30' E.

CERTIFICATE OF UNITED STATES SURVEYOR

I, Ralph Gentry, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 31st day of ~~May~~ March 1924, and ~~ix~~ 27th day of September, 1926, 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 dependent resurvey of Rush Valley Guide Meridian, T. 5 S., between Rs. 4 and 5 W.; north boundary and portion of subdivision, T. 5 S., R. 4 W., and the survey of portion of subdivision of T. 5 S., R. 4 W., and retracement of the Townsite of Ophir City, and portion of boundaries of mineral claims in T. 5 S., R. 4 W., of the Salt Lake Base and Meridian, in the State of Utah, which are represented 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 District Cadastral Engineer 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, Utah, March 3, 1932

Ralph Gentry
U. S. Cadastral Engineer.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, SEP 23 1936, 19

The foregoing field notes of the survey of dependent resurvey of Rush Valley Guide Mer., T. 5 S., R. 4 W.; north boundary and portion of subdivision and survey of portion of subdivision of T. 5 S., R. 4 W., and the retracement of boundaries of Townsite of Ophir City, and portion of boundaries of mineral claims in T. 5 S., R. 4 W.,

executed by Ralph Gentry, under his special instructions dated March 31 1924, and supplemental special instructions dated Sept. 27, 1926, under his special instructions dated ~~ix~~ 1926, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Wm. H. Cannon
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-507

"A"

FIELD NOTES

OF THE SURVEY OF THE

SEVENTH STANDARD PARALLEL SOUTH

THROUGH

TOWNSHIP 35 SOUTH, RANGES 17, 18, AND 19 EAST.

Of the SALT LAKE Meridian,

In the State of UTAH

EXECUTED BY

Emil Voigt, U.S. Cadastral Engineer

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

Robt. C. Yundt, U.S. Surveyor.

*Under special instructions dated June 25th, 1927, which provided
for the surveys included under Group No. 182, bearing the approval of the
Commissioner of the General Land Office under date of July 15, 1927*

*and assignment instructions dated August 24th, 1927
Supplemental assignment instructions dated May 9, 1929.*

Survey commenced September 23, 1927

Survey completed October 2, 1930

FM-

BOOK A 507

INDEX DIAGRAM.

Township _____, Range _____

31	32	33 T.35 S., R. 17 E.	34	35	36
24	23	21	20	19	18

SEVENTH STANDARD PARALLEL SOUTH.

31	32	33 T.35 S., R. 18 E.	34	35	36
17	15	14	13	12	11

SEVENTH STANDARD PARALLEL SOUTH

31	32	33 T.35 S., R. 19 E.	34	35	36
9	8	6	5	3	2

SEVENTH STANDARD PARALLEL SOUTH

TEST OF INSTRUMENTS

Survey commenced September 23, 1927 and executed with Buff and Buff transit NO. 17994, used by Emil Voigt, U.S. Cadastral Engineer, and Buff and Buff transit No. 9797 used by Chas. F. Moore and Robt. C. Yundt, U.S. Surveyors. Each instrument was equipped with Smith solar attachment and full vertical circle; the horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use on this survey in assignment instructions for Group 182 Utah, conditional upon satisfactory field tests, a record of which follows:

Transit No. 17994

I examine the adjustment of the transit and correct all errors; I then test the solar apparatus by comparing its indications with the true meridian established by Polaris observations Sept. 19, 1927, at my station in camp, located in sec. 3, T. 36 S., R. 19 E., S.L. Mer. in approximate latitude $37^{\circ}40'N.$, and longitude $109^{\circ}50'29''W.$, recorded in the survey of T. 35 S., R. 20 E., Gr. 168, Utah.

At 3h 30m p.m. app. time, I set off $37^{\circ}40'N$ on the latitude arc, and $1^{\circ}37'N.$, on the decl. arc, and determine a meridian with the solar and mark its position on the hub set Sept. 19, 1927. The meridian thus determined, falls 0.2 ins. to the east of the meridian established by the Polaris observation. $37^{\circ}40'$ on

Sept. 23, 1927; at 8h 30m a.m. app. time, I set off the latitude arc, $0^{\circ}10'N.$, on the decl arc, and determine a meridian with the solar which coincides with the true meridian.

As all the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory. The instrument was also kept in good adjustment during the progress of the survey, frequent tests having been made on line and at camp on meridians or reference lines established by Polaris observations or direct observations on the sun for azimuth, all giving satisfactory results.

Transit No. 9797.

The solar attachment of this transit was not used; the instrument was in good condition at the time of the survey and all adjustments were in good order. An altitude observation of the sun for azimuth, was made at the standard cor. of secs. 35 and 36, T. 35 S., R. 17 E., the details of which follows, and all azimuths in this record between the standard cor. of secs. 35 and 36, T. 35 S., R. 17 E., and the standard cor. of Tps. 35 S., Rs. 16 and 17 E., are referred to the true meridian thus determined by the method of deflection angles and calculated courses.

May 29, 1929; at the standard cor. of secs. 35 and 36, T. 35 S., R. 17 E., in latitude $37^{\circ}41'N.$, longitude $110^{\circ}01'15''W.$, I make a series of three altitude observations of the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal deflection angles, from my reference point, a tree on the sky line about 10 miles westward, reversing the telescope and deflecting the angle to the right to the sun:

Observation of sun for azimuth, May 29, 1929, at standard cor. of secs. 35 and 36, T. 35 S., R. 17 E., in latitude $37^{\circ}41'N.$, longitude $110^{\circ}01'15''W.$

TEST OF INSTRUMENTS

Observation	Telescope	Sun	Watch Time	Horizontal angle from tree to sun	Vertical angle
1st	Direct	+	9h43m00s	15°20'30"	53°37'00"
	Reversed	-	9h43m50s	14°34'00"	53°17'00"
	Mean			14°57'15"	53°27'00"
2nd	Direct	+	9h46m00"	16°01'00"	54°11'30"
	Reversed	-	9h46'50"	15°16'00"	53°52'30"
	Mean			15°38'30"	54°02'00"
3rd	Direct	+	9h48m50"	16°38'00"	54°42'00"
	Reversed	-	9h49m40s	15°53'00"	54°23'30"
	Mean			16°15'30"	54°32'45"

By 1st observation, tree bears N.89°52'45"W.
 By 2nd observation, tree bears N.89°53'10"W.
 By 3rd observation, tree bears N.89°52'50"W.
 Mean true bearing to tree is N.89°53'W.

MEASUREMENTS

Measurements were made with Lallie steel ribbon tape 5 and 8 chains in length, compared with a Lufkin standard steel tape, 1 chain long, and found correct. The measurements were made on the slope, the vertical angles determined with improved clinometers, and the slope measurements properly reduced to the horizontal, which appear in these notes

The standard parallel was surveyed through ranges 19 and 18, and the east mile in range 17 east by Emil Voigt U.S. Cadastral Engineer, and the direction of the parallel was determined by the solar transit method. The west 5 miles in range 17 east was surveyed by Chas. F. Moore and Robt C. Yundt, U.S. Surveyors and the tangent method of survey was employed.

Chains SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35S., R. 19

From the standard cor. of Tps. 35 S., Rs. 19 and 20 E., which is an iron post, 3 ins. diam., firmly set, and marked as described in the official record of T. 36 S., R. 20 E., Gr. 168 Utah.

West, with the establishment of the seventh standard parallel south, along south bdy. of sec. 36, T. 35 S., R. 19 E.

Over rolling ground, desc. 20 ft. along NW. slope near summit of ridge of Elk Mountain, through scattering timber and dense undergrowth.

- 10.00 Bottom of depression, drains N.20°W.; ascend 35 ft.
- 17.90 Point of spur projects N.20°W.; desc.
- 19.70 Desc. abruptly, 140 ft. over brushy slope bearing NE. and SW.
- 29.10 Seeping spring, fenced with troughs, drains N.60°W.
- 31.10 Base of abrupt descent, bears NW. and SE.; thence desc. 60 ft.

Chains

Difference bet. measurements of 40.00 chs., by two sets of chainmen, is 2 lks.; position of middle point
 By 1st set, 39.99 chs.
 By 2nd set, 40.01 chs., the mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and 22 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1927

from which

A pine, 16 ins. diam., bears N.45°00'E., 139 lks. dist., marked S C $\frac{1}{4}$ S 36 BT.

A pine, 16 ins. diam., bears N.35°00'W., 113 lks. dist., marked SC $\frac{1}{4}$ S36 BT.

Thence desc. 65 ft.

47.00 Bottom of depression, drains N.; ascend 30 ft.

49.60 Point of spur, projects N.20°00'W.; desc. 15 ft.

54.70 Drain, course N.20°W.; ascend 50 ft.

58.90 Point of spur, slopes N., descend 30 ft. along broken NW. slope.

66.70 Point of spur, projects NW.; descend 330 ft. over steep brushy NW. slope.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point
 By 1st set, 80.04 chs.
 By 2nd set, 79.96 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap marked

S C
 T35S | R19E
 S35 | S36

1927

and raise mound
 of stone, .2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of the cor.
 No bearing trees available.

Land, rough mountainous. General drainage N.
 Soil, light sandy clay loam, medium texture 2 ins. to 2 ft.
 Timber, pine, juniper and pinon.
 Undergrowth, scrub oak, serviceberry and a fair growth of grass.
 Fair grazing land.

West, on south bdy. sec. 35.

Descend 90 ft. over steep SW. slope, through dense heavy undergrowth, and scattering timber.

5.00 Draw, course N.; ascend 55 ft. over NE. slope.

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SEVENTH STANDARD PARALLEL SOUTH, ALONG S. EBY. T. 35 S., R.

- Chains
- 11.90 Point of spur, projects N.; descend 195 ft. over steep NW. slope.
- 22.70 Draw, course NW.; descend over broken N. slope.
- 29.90 Right Fork of Hammond Canyon, with a small stream of wa 10 lks. wide, 1 in. deep, course NE.; ascend steep SE. slope, 145 ft. to $\frac{1}{4}$ sec. cor. Leave scattering timber, bears NE. and SW.; continue through dense heavy undergr
- Difference bet. measurements of 40.00 chs., by two sets of chainmen, is 6 lks.; position of middle point
By 1st set, 40.03 chs.
By 2nd set, 39.97 chs.; the mean of which is
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in t ground, for the standard $\frac{1}{4}$ sec. cor., with brass cap ma
- S C
 $\frac{1}{4}$ S. 35
1927
- and raise mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of the cor.
No bearing trees available.
- 45.00 Dry ravine, 40 ft. above $\frac{1}{4}$ sec. cor., course SE.; ascend abruptly 175 ft.
- 49.00 Head of ravine, course N.80°00'E.; ascend abruptly 370 f over NE. slope, through dense heavy undergrowth.
- 60.20 Top of abrupt ascent, bears N. and S.; thence descend gradually 10 ft. over bench.
- 62.00 Bottom of depression, drains NE.; ascend 60 ft. over ben
- 65.00 From this point, a small spring, bears N.5.75 chs. dist. drains S.80°E.
- 68.00 Base of abrupt ascent, bears N. and S.
- 69.00 Leave dense aspen timber, continue through scattering pine timber, bears N. and S.
- 70.00 Top of abrupt ascent, 70 ft. above base, bears N. and S. thence ascend gradually 45 ft. over bench sloping E.
- 73.80 Wire fence, bears NE. and SW.
- 79.50 Top of broad nearly level spur, projects S.; desc. W. slo
- Difference bet. measurements of 80.00 chs. by two sets of chainmen is 10 lks.; position of middle point
By 1st set, 79.95 chs.
By 2nd set, 80.05 chs.; the mean of which is
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bed rock, and 13 ins. in a mound of stone, for the standard cor. of secs. 34 and 35, with brass cap marked
- S C
T35S R19E
S34 S35

1927
- from which
A pine, 5 ins. diam., bears N.47°15'E., 82 lks. dist., marked SC T35S R19E S35 BT.

Chain marked SC T35S R19E S34 BT.

From this cor. the NE. cor. of frame house, bears S.50°45'W., 296 lks. dist.

Land, rough mountainous. General drainage NE.
Soil, light sandy loam, shallow on sandstone strata; 2nd rate.

Timber, pine, spruce, aspen with some juniper and pinon.
Undergrowth, scrub oak, serviceberry, buckbrush and a scant growth of grass.
Fair grazing land.

West, on S. bdy. of sec. 34.

Over rolling top of Elk Mountain spur, through scattering timber and dense heavy undergrowth, desc. 15 ft.

- 2.90 Head of wash, course S.; ascend gradually 35 ft. over E. slope.
 - 3.00 Road, bears S.20°E., to Blanding Utah, and N.20°W., to Elk Ridge Oil Well.
 - 9.80 Telephone line, bears S.60°E., to frame house.
 - 12.00 Telephone line, bears S.25°W. to Kigalia Ranger Station, and N.25°E. to Monticello Utah.
 - 19.00 Top of spur ridge, (Elk Mountain), bears N.20°E. and S.20°W.; desc. abruptly 100 ft. over broken NW. slope.
 - 23.40 Base of abrupt descent, bears N.25°E. and S.25°W.; thence descend 75 ft. along bench sloping NW.
 - 25.00 Enter dense aspen timber, bears N. and S.
 - 34.00 Leave dense aspen timber, continue through scattering aspen and pine timber, and dense undergrowth, bears N and S.; abrupt descent of 125 ft. over slope bearing N.25°E. and S.25°W.
 - 38.60 Base of abrupt descent; thence descend 20 ft.
- Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 8 lks.; position of middle point
By 1st set, 40.04 chs.
By 2nd set, 39.96 chs., the mean of which is
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the standard $\frac{1}{4}$ sec. cor., with brass cap mkd.

S C
 $\frac{1}{4}$ S 34

1927

from which

An aspen, 6 ins. diam., bears N.69°15'E., 70 lks. dist., marked SC $\frac{1}{4}$ S34 BT.

A spruce 5 ins. diam., bears N.33°30'W., 41 lks. dist., marked SC $\frac{1}{4}$ S34 BT.

- 42.90 Trail, bears NE. to Dark Canyon, and SW. to Kigalia Forest Ranger Station.
- 43.30 Worm rail fence, bears N.20°E., and S.20°W.

330

SEVENTH STANDARD PARALLEL SOUTH, ALONG SOUTH BDY. T. 35S.

Chains																					
44.50	Kigalia Canyon, 55 ft. below $\frac{1}{2}$ sec. cor., with stream of water, 3 lks. wide, 1 in. deep, course N.15°W.; thence ascend abruptly 260 ft. over series of ledges. Leave dense aspen and continue through dense pine timber bears N. and S;																				
52.90	Top of abrupt ascent, bears N. and S.; thence ascend gradually over terraced benches on top of spur.																				
54.70	Bottom of swale, drains NE.; ascend 30 ft. along E. slope																				
57.50	Enter dense aspen timber; bears N. and S.																				
60.80	Ascend abruptly 25 ft. over slope bearing N. and S.																				
61.70	Edge of bench, bears N. and S.; ascend 25 ft.																				
64.50	Top of bench, bears N. and S.; descend 10 ft.																				
65.40	Bottom of swale, drains SE.; ascend 25 ft.																				
67.00	Ascend abruptly 55 ft. over series of ledges, bears NW. and SE.; leave dense aspen and continue through pine timber, bearing NW. and SE.																				
68.20	Top of ascent, bears NW. and SE.; thence ascend 50 ft. over bench.																				
	Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 10 lks.; position of middle point By 1st set, 79.95 chs. By 2nd set, 80.05 chs.; the mean of which is																				
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and 8 ins. in a mound of stone, for standard cor. of secs. 33 and 34, with brass cap mkd																				
	<table border="0"> <tr> <td></td> <td>S</td> <td>C</td> <td></td> </tr> <tr> <td></td> <td>T35S</td> <td>R19E</td> <td></td> </tr> <tr> <td></td> <td>S33</td> <td>S34</td> <td></td> </tr> <tr> <td></td> <td colspan="2" style="border-top: 1px solid black;"></td> <td></td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">1927</td> <td></td> </tr> </table>		S	C			T35S	R19E			S33	S34							1927		
	S	C																			
	T35S	R19E																			
	S33	S34																			
	1927																				
	from which																				
	A pine, 11 ins. diam., bears N.28°15'E., 73 lks. dist., marked SC T35S R19E S34 BT.																				
	A pine, 12 ins. diam., bears N.21°45'W., 94 lks. dist., marked SC T35S R19E S33 BT.																				
	Land, rough mountainous. Soil, light sandy clay loam, medium texture, shallow on sandstone strata; 3rd rate. Timber, pine, aspen and spruce. Undergrowth, scrub oak, serviceberry, buckbrush and a scant growth of grass. Fair grazing land.																				
	West, on S. bdy. of sec. 33. Ascend gradually 30 ft. over E. slope, through dense undergrowth and scattering pine timber.																				
14.10	Top of spur, ridge, bears N.10°W., and S.10°E.; descend 70 ft.																				
18.00	Bottom of swale, drains NW.; ascend																				

Chains
19180

Edge of bench, bears NW. and SE.; thence descend abruptly 350 ft. over series of terraced benches along SW. slope.

36.00

Leave scattering timber, bears NW. and SE.; continue through dense heavy oak brush.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 10 lks.; position of middle point

By 1st set, 40.05 chs.

By 2nd set, 39.95 chs., the mean of which is

40.00

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock, and 4 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
$\frac{1}{4}$ S 33

1927

and raise mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of the cor. No bearing trees available.

45.70

Ravine, 70 ft. below $\frac{1}{4}$ sec. cor., course NW.; ascend 75 ft. over broken NE. slope.

54.80

Point of spur, projects NW.; descend 125 ft. over steep dense brushy SW. slope.

58.00

Head of ravine, drains N.; ascend 40 ft.

61.00

Point of spur, projects N.; descend 125 ft. to ravine.

66.40

Enter scattering timber, bears NE. and SW.

68.00

Ravine, course NE.; ascend 45 ft. to

75.80

Point of spur, projects NE.; descend 10 ft.

76.80

Head of draw, drains NE.; ascend 40 ft.

79.70

Point of spur, projects N.; descend 10 ft.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 6 lks.; position of middle point

By 1st set, 79.97 chs.

By 2nd set, 80.03 chs.; the mean of which is

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the standard cor. of secs. 32 and 33, with brass cap marked

S C
T35S R19E
S32 S33

1927

from which

A pine, 13 ins. diam., bears N.12°00'E., 122 lks. dist., marked SC T35S R19E S33 BT.

A pine, 14 ins. diam., bears N.0°20'W., 170 lks. dist., marked SC T35S R19E S32 BT.

Land rough mountainous.

Soil, light sandy clay loam, shallow on sandstone strata; 3rd rate.

Timber, pine and aspen.

Chains

Undergrowth, scrub oak, serviceberry and buck brush, and a scant growth of grass.
Fair grazing land.

West, along S. bdy. of sec. 32.

Descend over broken NW. slope, through scattering timber and dense undergrowth.

- 6.00 Small drain, 40 ft. below sec. cor., course N.50°W.; thence desc. 110 ft. to spur.
- 9.40 Enter dense timber, bears N. and S.
- 11.00 Leave dense aspen timber, bears N. and S.
- 14.00 Enter dense pine, spruce and balsam timber, bears N. and
- 18.70 Point of spur, projects N. 25°W.; descend 200 ft. over steep rocky precipitous slope.
- 24.00 Peavine Canyon, with small stream of water, 5 lks. wide 1 in. deep in rocky channel, 20 lks. wide, with precipitous walls 3 ft high, course N.30°E.; ascend a steep rocky NE. slope 420 ft.
- 24.30 Trail, bears S.30°W. to Double Corrals and N.30°E. to Dark Canyon.
- Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 4 lks.; position of middle point
By 1st set, 40.00 chs.
By 2nd set, 39.98 chs.; the mean of which is
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap marked
- | |
|--------------------|
| S C |
| $\frac{1}{4}$ S 32 |
| ----- |
| 1927 |
- from which
- A pine, 7 ins. diam., bears N.29°45'E., 178 lks. dist., marked SC $\frac{1}{4}$ S32 BT.
- A pine, 4 ins. diam., bears N.37°00'W., 128 lks. dist., marked SC $\frac{1}{4}$ S 32 BT.
- 41.00 Top of spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects S.25°E.; descend abruptly 80 ft. over SW. slope.
- 46.40 Ravine, course S.30°E. ascend 110 ft. over SE. slope.
- 54.00 Point of spur, slopes S.10°E.; descend 15 ft. over S. slope.
- 63.00 Descend abruptly 45 ft. over SW. slope.
- 65.80 Ravine, course S.25°E.; ascend abruptly 400 ft. over steep rocky SE. to S. slope.
- 67.00 Leave scattering timber, continue through dense heavy oak brush, bears NW. and SE.
- 74.00 Slope changes to E.; thence continue steep ascent.

Chains

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 8 lks.; position of middle point
 By 1st set, 79.96 chs.
 By 2nd set, 80.04 chs.; mean of which is

80.00 Set an iron post, 3-ft. long, 2 ins. diam., 24 ins. in the ground to bed rock, and 4 ins. in a mound of stone, for the standard cor. of secs. 31 and 32, with brass cap marked

S	C
T35S	R19E
S31	S32

1927

from which

A pine, 7 ins. diam., bears N.63°00'E., 15 lks. dist. marked SC T35S R19 E S32 BT.

A pipe, 8 ins. diam., bears N.25°15'W., 135 lks. dist., marked SC T35S R19E S31 BT.

Land, rough mountainous. Drainage N.
 Soil, light sandy clay, 10 ins. to 36 ins. on sandstone strata; 3rd rate.
 Timber, pine, spruce, balsam, aspen, juniper and pinon. Undergrowth, scrub oak, serviceberry and buck brush, and a scant growth of grass.
 Fair grazing land.

West, on S. bdy. of sec. 31

Ascend over steep rocky E. slope, through dense heavy oak brush.

5.00 Top of ascent, 125 ft. above sec. cor., bears N. and S.; thence ascend gradually 110 ft. over rolling terraced top of ridge.

10.00 Enter scattering pine timber, bears N.30°W. and S.20°E.

12.40 Leave scattering pine timber, bears NW. and SE.; continue through dense heavy oak brush.

17.00 Edge of bench, bears NE. and S.60°W.; ascend gradually 20 ft. Enter dense aspen timber, bears NE. and S.60°W.

23.20 Wire fence, bears N.10°E., and S.10°W.; leave dense aspen timber, bears N. and S.

32.00 Top of bench, bears N. and S.

35.00 Enter scattering pine and aspen timber, bears N. and S.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 4 lks.; position of middle point
 By 1st set, 39.98 chs.
 By 2nd set, 40.02 chs.; the mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock and 18 ins. in a mound of stone, for standard $\frac{1}{2}$ sec. cor., with brass cap marked

S	C
$\frac{1}{2}$ S	S 31

1927

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R.

Chains

from which

A pine, 6 ins. diam., bears N.50°45'E.; 200 lks. dist., marked SC 1/4 S31 BT.

A pine, 10 ins. diam., bears N.81°45'W., 64 lks. dist., marked SC 1/4 S31 BT.

This corner stands on spur, projecting SW.; descend 55

47.80 Draw, course S.20°W; ascend 35 ft. over E. slope; enter dense timber, bears N. 20°W. and S. 20°E.

54.50 Top of spur, slopes SW.; descend 30 ft.

57.50 Trail, bears N.50°E. to Dark Canyon, and S.50°W. to Twin Springs.

57.70 Worm pole fence, bears N.50°E. and S.50°W.

61.40 Dry wash, course S.30°W.; ascend

64.20 Point of spur, slopes S.30°W.

69.10 Head of East Fork of Twin Springs Draw, course S.; ascend 15 ft.

69.50 Trail, bears N. to Dry Mesa, and S. to Twin Springs, approximately 15.00 chs. dist.

72.50 Point of low spur, slopes S.; descend 25 ft.

79.20 Head of wash, course S.20°E.; ascend

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 4 lks.; position of middle point

By 1st set, 80.02 chs.

By 2nd set, 79.98 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in ground, for standard cor. of Tps. 35 S., Rs. 18 and 19 E with brass cap marked

S C
T35S
R18E | R19E
S36 | S31

1927

from which

An aspen, 5 ins. diam., bears N.53°30'E., 64 lks. dist., marked SC T35S R19E S31 BT.

An Aspen, 6 ins. diam., bears N.59°00'W., 78 lks. dist., marked SC T35S R18E S36 BT.

Land, rough mountainous; general drainage S.
Soil, light sandy clay loam, medium texture, 2 ins. to 20 ins. deep on sandstone strata; 3rd rate.
Timber, pine, aspen, spruce, balsam, juniper and pinon.
Undergrowth, scrub oak, serviceberry, brair and buck brush and a fair growth of grass.
Fair grazing land.

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R. 18 E.

Chains

From the standard corner of Eps. 35 S., R. 18 and 19 E., heretofore described.

West, with the establishment of the seventh standard parallel south, along south bdy of sec. 36, T. 35 S., R. 18 E.

Along SE. slope of rolling top of Elk Mountain, through dense timber and undergrowth.

9.40 Top of ridge, 25 ft. above standard tp. cor., bears N. and S. 50° W.; descend 40 ft. over gradual W. slope.

27.50 Leave dense aspen timber, bears NE. and SW.; continue through scattering pine and dense oak brush.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 2 lks.; position of middle point

By 1st set, 40.01 chs.

By 2nd set, 39.99 chs.; the mean of which is

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

S C
1/2 S 36

1927

from which

A pine, 32 ins. diam., bears N. 39° 30' E., 92 lks. dist., marked SC 1/2 S 36 BT.

A pine, 8 ins. diam., bears N. 25° 45' W., 95 lks. dist., marked SC 1/2 S 36 BT.

49.50 Dry wash, 50 ft. below standard & sec. cor., course S. 40° W.; ascend gradually 10 ft. over rolling SW. slope.

54.90 Top of spur, slopes S. 30° W.; descend 35 ft. over a gradual SW. slope.

58.80 Enter dense aspen, continue through scattering pine and dense undergrowth, bears N. and S.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 2 lks.; position of middle point

By 1st set, 79.99 chs.

By 2nd set, 80.01 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the standard cor. of secs. 35 and 36, with brass cap marked

S C
T35S | R18E
S35 | S36

1927

from which

A pine, 16 ins. diam., bears N. 44° 45' E., 69 lks. dist., marked SC T35S R18E S36 BT.

A pine, 8 ins. diam., bears N. 75° 45' W., 24 lks. dist., marked SC T35S R18E S35 BT.

Land, rough mountainous.

Chains

Soil, light sandy loam, medium texture, 2 ft. to 3 ft. on sandstone strata; 3rd rate.
 Timber, pine and aspen.
 Undergrowth, scrub oak, serviceberry, briar and buckbrush.
 a fair growth of grass.
 Fair grazing land.

West, on S. bdy of sec. 35.

Descend over a gradual W. slope, 55 ft., through scattering pine and aspen timber and dense heavy undergrowth.

7.30 Dry wash, course S.20°E.; ascend 25 ft.

13.30 Top of ridge, bears N. and S.; descend gradually 175 ft. over W. slope.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 6 lks.; position of middle point
 By 1st set, 40.03 chs.
 By 2nd set, 39.97 chs.; the mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
$\frac{1}{4}$ S 35
1927

from which

A pine, 8 ins. diam., bears N.54°45'E., 202 lks. dist., marked SC $\frac{1}{4}$ S 35 BT.

A pine, 18 ins. diam., bears N.17°00'W., 46 lks. dist., marked SC $\frac{1}{4}$ S35 BT.

41.00 Head of drain, course N.85°W.; thence descend 160 ft. over gradual W. slope.

58.50 Edge of small bench, bears N. and S.; descend 70 ft. to

74.90 Edge of bench, bears N. and S.; descend 95 ft. to sec. c

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 6 lks.; position of middle point
 By 1st set, 80.03 chs.
 By 2nd set, 79.97 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bed rock and 4 ins. in a mound of stone, for the standard cor. of secs. 34 and 35, with brass cap marked

SC
T35S | R18E
S34 | S35
1927

from which

A pine, 8 ins. diam., bears N.11°E., 92 lks. dist., marked SC T35S R18E S35 BT.

A pine, 30 ins. diam., bears N.30°15'W., 122 lks. mkd. SC T35S R18E S35 BT.

Chains

Land, rough and mountainous.
Soil, light sandy clay loam, shallow, 2 ins. to 30 ins. deep on sandstone strata; 3rd rate.
Timber, pine and aspen.
Undergrowth, scrub oak, buck, serviceberry brush and a fair growth of grass.
Fair grazing land.

West, on S. bdy. of sec. 34.

Descend abruptly over a broken W. slope, through dense timber and dense undergrowth.

4.10 Ravine, 100 ft. below sec. cor., with small stream of water, 2 lks. wide, 1 in. deep, course S.80°W.; ascend 80 ft.

7.30 Point of sharp rocky spur, slopes S.20°W.; descend 175 ft. over series of outcroppings facing W. Leave dense heavy pine timber, continue through dense pinon and juniper timber, bears NW. and SE.

14.80 Wash, with a seeping stream, course S.; ascend 15 ft.

16.00 Point of spur, slopes S.; descend 125 ft. over broken rocky S. slope.

27.00 Point of spur, slopes S.; descend 180 ft.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 10 lks.; position of middle point

By 1st set, 40.05 chs.

By 2nd set, 39.95 chs.; the mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the standard $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} S C \\ \frac{1}{4} S 34 \end{array}$$

1927

from which

A pine, 13 ins. diam., bears N.39°45'W., 172 lks. dist., marked SC $\frac{1}{4}$ S 34 BT.

A pine, 35 ins. diam., bears N.54°00'W., 17 lks. dist., marked SC $\frac{1}{4}$ S 34 BT.

No NE. bearing tree available.

40.80 Wooden Shoe Canyon, with dry rocky channel, 20 lks. wide, with perpendicular banks, 20 ft. high, course N.20°W.; thence ascend over NE. slope, through scattering juniper and pinon timber and dense undergrowth.

42.00 Trail, bears N.20°00'W., to Dark Canyon and S.20°E. to Double Corral.

46.60 Wash, 45 ft. above canyon, course NE.; ascend over SE. slope.

53.20 Wash, course NE.; ascend abruptly 200 ft. over rocky E. slope.

62.40 Slope changes from E. to NE; thence ascend abruptly 125 ft.

66.80 Point of spur, projects N.30°E.; descend 10 ft.

- Chains
 69.00 Wash, course N.20°E.; ascend 45 ft.
 71.70 Point of spur, projects N.; descend 35 ft. over SW. slope
 74.50 Wash, course N.20°E.; ascend 15 ft.
 Difference bet. measurements of 80.00 chs. by two sets
 chainmen, is 6 lks.; position of middle point
 By 1st set, 79.97 chs.
 By 2nd set, 80.03 chs.; the mean of which is
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in
 ground to bed rock and 23 ins. in a mound of stone, for
 standard cor. of secs. 33 and 34, with brass cap marked

S C	
T35S	R18E
S33	S34

1927

from which

A pine, 10 ins. diam., bears N.48°30'E., 378 lks.
 dist., marked SC T35S R18E S34 BT.

A pinon, 5 ins. diam., bears N.35°45'W., 442 lks.
 dist., marked SC T35S R18E S33 BT.

Land, rough broken mountainous.
 Soil, light sandy loam, medium texture, 2 ins. to 36 in
 deep on sandstone strata; 3rd rate.
 Timber, juniper, pinon and pine.
 Undergrowth, scrub oak, service berry, buck and sage brush
 a fair growth of grass.
 Fair grazing land.

West, on S. bdy. sec. 33.

Ascend 35 ft. over rough mountainous land, through dense
 heavy oak brush and scattering timber.

- 5.60 Top of spur, slopes NE.; descend 10 ft.
 11.30 Bottom of depression, drains NE.; ascend 10 ft.
 18.10 Head of ravine, course NE.; thence ascend abruptly over
 series of ledges 175 ft.
 24.00 Point of spur, projects N.80°E.; descend 40 ft. over NW.
 slope.
 25.50 Ravine, course NE.; ascend 275 ft. over rocky SE. slope
 to $\frac{1}{2}$ sec. cor.
 27.50 Trail, bears N. to Hideout and S. to Double Corral.
 31.80 Top of bench and rimrock, bears N, 10°W. and S. 10°E.;
 Difference bet. measurements of 40.00 chs. by two sets of
 chainmen, is 6 lks.; position of middle point
 By 1st set, 39.97 chs.
 By 2nd set, 40.03 chs.; the mean of which is
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
 ground, for the standard $\frac{1}{2}$ sec. cor., with brass cap marked

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T.35 S., R.18 E.

Chains

S C
S 33

1927

and raise mound of stone 2 ft. base, 1 1/2 ft. high, N. of the corner. No bearing trees available.

Thence ascend 50 ft. over steep rocky E. slope.

41.50 Ascend abruptly 320 ft. over series of outcroppings and blanket ledges, bears N. and S.

48.60 Top of a protuberant table butte ridge, (South Butte of Woodson Shoq Mountain), bears N.10°W. and S.10°E.; descend abruptly over series of terraced ledges. The highest point of this Butte, which is about 100 ft. above point on line, extends S.10°E. approximately 10 chs. distant.

49.00 Enter scattering pinon and juniper, continue through dense undergrowth, bears N. and S.

58.00 Base of abrupt descent. 415 ft below top of ridge, bears N.20°W., and S.20°E.; thence descend 220 feet over rocky broken W. slope.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 10 lks.; position of middle point

By 1st set, 80.05 chs.

By 2nd set, 79.95 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bed rock, and 4 ins. in a mound of stone, for standard cor. of secs. 32 and 33, with brass cap marked

S C
T35S | R18E
S32 | S33

1927

from which

A pinon, 12 ins. diam., bears N.81°45'E., 32 lks. dist. marked SC T35S R18E S33 BT.

A pinon, 13 ins. diam., bears N.22°45'W., 26 lks. dist., marked SC T35S R18E S32 BT.

Land, rough mountainous.

Soil, light sandy clay loam, medium texture, dry, shallow mixed with decomposed sandstone on sandstone strata; 3rd rate.

Timber, pinon and juniper with a few scattering pine.

Undergrowth, scrub oak, laurel, serviceberry, buck and sage brush; a fair growth of grass.

Fair grazing land.

West, on S. bdy of sec. 32.

Over rough mountainous land, descend 45 ft. over rocky W. slope, through dense timber and undergrowth.

1.50 Dry wash, course S.10°W.; ascend 35 ft.

3.60 Point of spur, projects S.20°W.; descend 115 ft. over NW. slope.

9.40 Ravine, course S.50°W.; ascend 25 ft. over SE. slope.

- Chains
- 13.80 Point of spur, projects S.50°W.; descend abruptly 125 ft. over series of terraced ledges.
 - 19.00 Dry wash, course SW.; ascend 10 ft.
 - 20.20 Point of spur, slopes SW.; descend 190 ft. over SW. slope.
 - 33.00 Ravine, with small stream of water, 2 lks. wide, .1 inch deep, course S.20°W. A spring of pure water, bears N.20°E. 4 chs. dist.; ascend 15 ft.
 - 34.20 Point of spur, slopes S.30°W.; descend 10 ft.
 - 38.00 Bottom of depression, drains S.; ascend 5 ft.
- Difference bet. measurements by two sets of chainmen is 4 lks.; position of middle point
 By 1st set, 40.02 chs.
 By 2nd set, 39.98 chs.; the mean of which is
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and 10 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 32

 1927

from which

A pinon, 14 ins. diam., bears N.67°45'E., 64 lks. dist., marked SC $\frac{1}{4}$ S 32 BT.

A pinon, 8 ins. diam., bears N.50°00'W., 48 lks. dist., marked SC $\frac{1}{4}$ S 32 BT.

S C
 T35S | R18E
 S31 | S32

 1927

From which

Chains

A juniper, 8 ins. diam., bears N.67°30'E., 17 lks. dist., marked SC T35S R18E S32 BT.

A juniper, 10 ins. diam., bears N.45°00'W., 46 lks. dist., marked SC T35S R18E S31 BT.

Land, rough and broken mountainous.

Soil, light sandy clay loam, medium texture, dry, shallow on sandstone strata; 3rd rate.

Timber, juniper and pinon.

Undergrowth, scrub oak, laurel, serviceberry, buck and sage brush; and a scant growth of grass.

Fair grazing land.

West along S. bdy of sec. 31

Over rough mountainous land, through dense timber and undergrowth, over rocky surface; ascend 125 ft.

9.20 Edge of rimrock, bears N.60°E. and S.60°W.; thence descend gradually over a rolling table land SW. slope.

13.25 Top of table land ridge, bears S.60°W.; descend 15 ft.

16.30 Dry wash, course S.30°W.; ascend 10 ft.

19.60 Top of low spur, projects SW.; descend 60 ft.
Leave dense timber bears NE. and SW.; continue through dense oakbrush.

27.00 Dry wash, course SW.; ascend 10 ft.

33.60 Top of low spur, slopes S.20°W.; descend 25 ft.
Leave dense oak brush, continue through dense sagebrush, bears NE. and SW.

37.60 Draw, course S.20°W.; ascend 20 ft.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 4 lks.; position of middle point

By 1st set, 39.98 chs.

By 2nd set, 40.02 chs.; the mean of which is

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock, and 4 ins. in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

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

1927

and raise mound of
stone 2 ft base, $1\frac{1}{2}$ ft. high, N. of the cor.
No bearing trees available.

43.80 Top of low spur, slopes SW.; descend 90 ft.

58.60 Draw, course SW.; ascend 15 ft.

62.30 Top of low spur, slopes SW.; descend 65 ft.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 2 lks.; position of middle point

By 1st set, 79.99 chs.

By 2nd set, 80.01 chs.; the mean of which is

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for standard cor. of Tps. 35 S., Rs. 17 and

Chains

18 East, with brass cap marked

S C	
T365	
R17E	R18E
S36	S31

1927

and raise mound of stone
3 ft. base, 2½ ft. high, N. of the cor. No bearing trees
available.

Land, in the E.¼ mile rough and mountainous, remainder
rolling table land, sloping SW.
Soil, light sandy loam, medium texture, dry, shallow on
sandstone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, dense heavy oak, serviceberry, buck and sage
brush and a fair growth of grass.
Fair grazing land.

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35S., R. 17

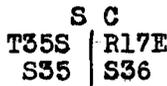
West, with the establishment of the seventh standard
parallel south, along south boundary of sec. 36, T. 35
R. 17 E.

Over rolling table land on SW. slope, through dense sage
brush.

- 0.35 Dry wash, 15 lks. wide, with perpendicular banks 8 ft.
high, course S.30°W.; ascend gradually 20 ft.
- 18.80 Top of low spur, slopes SW.; descend gradually 25 ft.
- 28.30 Dry wash, 10 lks. wide, with perpendicular banks 2 ft.
high, course SW.; ascend 30 ft.
- 37.50 Top of broad rolling spur, slopes SW.; descend 10 ft.
- Difference bet. measurements of 40.00 chs. by two sets of
chainmen, is 4 lks.; position of middle point
By 1st set, 39.98 chs.
By 2nd set, 40.02 chs.; the mean of which is
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins in the
ground, for standard ¼ sec. cor., with brass cap marked
- S C
¼ S 36
1927
- from which
- A pinon, 8 ins. diam., bears N.7°00'W., 919 lks.
dist., marked SC ¼ S 36 BT.
- A pinon, 6 ins. diam., bears N.5°15'E., 925 lks.
dist., marked SC ¼ S 36 BT.
- 44.50 Dry wash, 25 ft. below ¼ sec. cor., 10 lks. wide, with
perpendicular banks, course S.20°W.; ascend 15 ft.
- 49.00 Top of spur, slopes SW.; descend 65 ft.
- 51.90 Leave dense undergrowth, enter dense pinon and juniper
timber, bears N.20°E. and S.20°W.

Chains

- 62.50 Dry wash, course S.20°W.; ascend 30 ft.
 - 66.00 South rim of Hide Out Canyon, bears N.25°E. and S.25°W.; descend abruptly 130 ft. over series of terraced ledges.
 - 69.00 Base of abrupt descent, bears N.20°E. and S.20°W.; thence descend 12 ft. over rocky narrow bench.
 - 72.70 Edge of rimrock, bears N.20°E. and S.20°W.; thence descend abruptly over series of terraced ledges and outcroppings 205 ft. to sec. cor.
- Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 6 lks.; position of middle point.
 By 1st set, 80.03 chs.
 By 2nd set, 79.97 chs.; the mean of which is
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bed rock, and 4 ins. in a mound of stone, for standard cor. of secs. 35 and 36, with brass cap mkd.



1927

from which

A pinon, 8 ins. diam., bears N.46°00'E., 28 lks. dist., marked SC T35S R17E S36 BT.

A juniper, 6 ins. diam., bears N.30°45'W., 93 lks. dist., marked SC T35S R17E S35 BT.

Land, 52.00 chs. rolling mountainous mesa; remainder rough broken mountainous.
 Soil, light sandy clay loam, variable from a few inches to 10 ft. deep, on sandstone strata; 3rd rate. Much loose petrefied formation on surface in the W. ½ mile; also several ledges and rimrock.
 Timber, the W. 28.00 chs. dense pinon and juniper.
 Undergrowth, 52.00 chs. sagebrush, on remainder of mile scrub oak, serviceberry, laurel and buck brush; a fair growth of grass over the entire mile.
 Fair grazing land.

From the standard cor. of secs. 35 and 36, I deflect an angle of 0°07' to the right from the reference point Thence West, on S. bdy of sec. 35, on transit line describing the tangent.

Over rough mountainous land, descend abruptly over series of terraced ledges and outcroppings, through dense timber and scattering undergrowth.

- 0.50 Edge of rimrock, bears N.60°E., and S.60°W., skirting a sharp point of spur, sloping S.80°W.; precipitous descent of 30 ft. over rimrock ledges to base, thence descend abruptly 290 ft.
- 7.60 Base of abrupt descent, bears N.60°E., and S.60°W.; descend 50 ft. over rocky surface.
- 12.50 Edge of rimrock, bears N.70°E and S.70°W; descend
- 20.30 Edge of rimrock, bears N.30°E. and S.30°W; descend abruptly 150 ft.

344

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R.

- Chains
- 24.70 Hideout Canyon, with small seeping spring, in rocky channel, 25 lks. wide, with steep walls 20 ft. high, course S.60°W.; ascend abruptly 160 ft. to
- 34.40 Base of cliff 40 ft. high, bears N.80°E. and S.60°W.
- 36.70 Top of cliff, ascend over broken land.
- Difference bet. measurements by two sets of chainmen is nothing
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in ground to solid rock and surrounded to top in mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 35

 1929

from which

- A pinon, 4 ins. diam., bears N.16°15'E., 61 lks. dist., marked SC $\frac{1}{4}$ S 35 BT.
- A juniper, 5 ins. diam., bears N.40°00'W., 86 lks. dist., marked SC $\frac{1}{4}$ S35 BT.

Ascend along rocky SE. slope.

- 58.00 Low spur, 130 ft. above the 36.70 chs. point, projects South; descend rocky west slope 110 ft.
- 80.00 Difference bet. measurements of 80.00 chs. by two sets of chainmen is nothing
- 80.00 North, 1 lk. from the tangent
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, for standard cor. of secs. 34 and 35, with brass cap marked

S C
 T35S | R17E
 S34 | S35

 1929

from which

- A pinon, 5 ins. diam., bears N.54°30'E., 84 lks. dist., marked SC T35S R17E S35 BT.
- A juniper, 7 ins. diam., bears N.52°45'W., 125 lks. dist., marked SC T35S R17E S34 BT.

Land, rough and broken sandstone formation.
 Soil, light sandy clay loam, shallow and lying on sandstone strata; 3rd rate.
 Timber, scrub juniper and pinon.
 Undergrowth, scattering scrub oak and serviceberry brush also buck and sage brush.
 Fair grazing land.

S.89°59'W., on tangent line along S. bdy. sec. 34, from point 1 lk. S. of the standard cor. of secs. 34 and 35.

Descend 70 ft. over rocky SW. slope, through dense pinon and juniper timber and scattering undergrowth.

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R. 17 E.

Chains

21.20 Small draw, drains N.; gradually ascend 5 ft.

Difference bet. measurements of 40.00 chs. by two sets of chainmen, is 2 lks.; position of middle point

By 1st set, 40.01 chs.

By 2nd set, 39.99 chs.; the mean of which is

40.00 North 2 lks. from the tangent

Mark a cross (+) on surface rock, over which
Set an iron post, 3 ft. long, 1 in. diam., 35 ins. in a large mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 34

1929

from which

A pinon, 4 ins. diam., bears N.34°45'E., 54 lks. dist., marked $\frac{1}{4}$ S 34 SC BT.

A pinon, 3 ins. diam., bears N.83°30'W., 9 lks. dist., marked BT.

59.20 Left rim of canyon, 65 ft. below $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend NW. slope, over broken ledges, 208 ft.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 1 lk.; position of middle point

By 1st set, 80.005 chs.

By 2nd set, 79.995 chs.; the mean of which is

80.00 North 3 lks. from the tangent

Point for the standard cor. of secs. 33 and 34, falls on sloping sandstone surface rock, where it is impracticable to set cor. Witness cor. set 26 lks. west.

Land, rough and broken sandstone outcrops; general drainage N.

Soil, shallow sandy clay loam, lying on sandstone strata; 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, scattering sage, serviceberry and buck brush. Fair grazing land.

S.89°59'W., on tangent line along S. bdy sec. 33, from point 3 lks. S. of the true point for standard cor. of secs. 33 and 34.

Descend NW. slope over broken mountainous land through juniper and pinon timber and scattering undergrowth.

0.26 1 North 3 lks. from the tangent

On surface rock, mark a cross (+) over which
Set an iron post, 3 ft. long, 2 ins. diam., 36 ins. in a large mound of stone for the witness standard corner of secs. 33 and 34, with brass cap marked

S | C
T35S | R17E
S33 | S34 WC

1929

from which

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R.

Chains

A pinon, 4 ins. diam., bears N. 80° W., 176 lks. dist. marked T35S R17E S33 SC WC BT.

No other suitable bearing tree available.

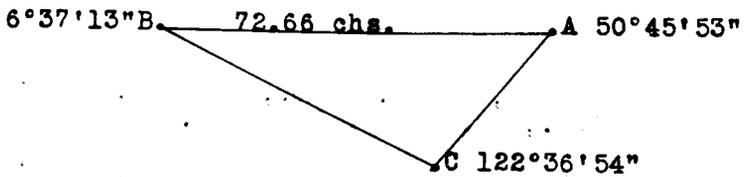
2.00

Vertical ledges and inaccessible sandstone domes ahead on line makes chaining impracticable. No suitable base line is available at this point, therefore I return to point on the tangent line N. 89° 59' E., 20.89 chs. dist. the true point for the standard cor. of secs. 33 and 34 which I designate as "A"; and triangulate as follows: Set flag "B" on the tangent line to the west; point "C" taken southwesterly; the mean distance from A to C is 9.9455 chs.

By 1st set of chainmen, 9.946 chs.

By 2nd set of chainmen, 9.945 chs.

Vertical angle from A to B is minus 2°



All angles by three repetitions, with closing error of 0° 0' 10", balanced to 180°.

At point A 50° 45' 53"

At point B 6° 37' 13"

At point C 122° 36' 54"

Distance by triangulation-----	72.66 chs.
By return measurement-----	20.89 chs.
Total distance on line to B-----	51.77 chs.
By return measurement-----	8.15 chs.
	<u>43.62 chs.</u>

9.00

Approximate distance to bottom of canyon, 100 ft below witness cor. drains SW.

19.40

Dist. determined by triangulation, Sandstone spur, projects SW., 160 ft above canyon bottom.

36.00

Approximate distance to bottom of canyon, 500 ft. below spur, drains NW:

40.00

Point for standard $\frac{1}{4}$ sec. cor., S. bdy. sec. 33 falls on inaccessible slope, where corner cannot be set.

Difference bet. measurements of 43.62 chs. by two sets of chainmen is nothing.

43.62

North, 5 lks. from the tangent, 90 ft. below witness cor. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for witness standard $\frac{1}{4}$ sec. cor., S. bdy. of sec. 33, with brass cap marked

SC
 $\frac{1}{4}$ S33 WC

1929

from which

A pinon, 3 ins. diam., bears N. 41° 30' E., 24 lks. dist., marked BT.

A pinon, 3 ins. diam., bears N. 69° 30' W., 98 lks. dist., marked BT.

Chains

51.77 Point B of triangulation, on rim of canyon, 132 ft. above witness $\frac{1}{2}$ sec. cor., bears NW. and SE.; gradually ascend 30 ft.

56.25 Ridge, bears N. and S.; descend 80 ft.

Difference bet. measurements of 80.00 chs. by two sets of chainmen, is nothing.

80.00 North, .7 lks. from the tangent
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock, and supported by a large mound of stone for the standard cor. of secs. 32 and 33, with brass cap marked

S	C
T35S	R17E
S32	S33

.1929

from which

A pinon, 3 ins. diam., bears N.54°30'E., 62 lks. dist., marked BT.

A pinon, 8 ins. diam., bears N.67°00'W., 78 lks. dist., marked T35S R17E S32 SC BT.

Land, mountainous; rough and broken sandstone ledges and outcrops.
Soil, shallow sandy clay loam and sandstone rock; 4th rate.
Timber, scrub juniper and pinon.
Undergrowth, sage, serviceberry and buck brush.
Fair grazing land.

S.89°58'W., on tangent line, along S. bdy. sec. 32; from a point 7 lks. S. of the standard cor. of secs. 32 and 33.

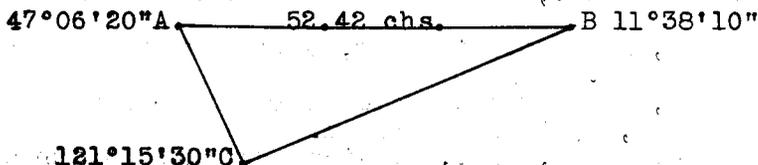
Over mountainous land; descend 70 ft. over gentle W. slope, through juniper and pinon timber and scattering undergrowth.

15.54 Rim of canyon, bears NE. and SW.; the line west passes over high ledges and chaining is impracticable, therefore I triangulate as follows: set point A on the tangent line to the west, and erect flag B at this point; point C is taken southeasterly from A, the mean distance from A to C is 12.3675 chs.

By 1st set of chainmen, 12.37 chs.

By 2nd set of chainmen, 12.365 chs.

Vertical angle from B to A is minus 2°



All angles determined by three repetitions, balanced to 180° as follows:

At point A, 47°06'20"

At point B, 11°38'10"

At point C, 121°15'30"

Distance on line to point B-----	15.54 chs.
Distance by triangulation-----	52.42 chs.
Distance on line to A-----	67.96 chs.
Distance by return measurement-----	27.96 chs.
	40.00 chs.

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R.

Chains
30.00 Approximate distance; Bottom of canyon, 500 ft. below sec. cor., drains SW.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is nothing.

40.00 North 10 lks. from the tangent; 360 ft. below point A On surface rock, mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., 36 ins. in large mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S 32

1929

from which

A juniper, 4 ins. diam., bears N.32°15'W., 25 lks dist., marked $\frac{1}{4}$ S32 SC BT.

No other suitable bearing tree available.

Corner stands on top of vertical ledge on W. slope of canyon; ascend 240 ft. to 67.96 chs. point.

52.60 Head of small box canyon, drains SE..

67.96 Point of triangulation on top of west rim of canyon, be NW. and SE.; thence over broken E. slope.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is nothing.

90.00 North, 13 lks. from the tangent On surface rock, mark a cross (X), over which Set an iron post 3 ft. long, 2 ins. diam., 36 ins. in a large mound of stone, for standard cor. of secs. 31 and 32, with brass cap marked

S/C	
T35S	R17E
S31	S32

1929

from which

A pinon, 3 ins. diam., bears N.33°30'E., 43 lks. dist., marked BT.

A pinon, 4 ins. diam., bears N.10°30'W., 51 lks. dist., marked T35S R17E S31 SC BT.

Land, rough mountainous, broken by sandstone ledges and outcrops.

Soil, shallow sandy clay loam and sandstone rock; 4th rate Timber, juniper and pinon.

Undergrowth, sage, serviceberry and buck brush.

Fair grazing land.

S.89°57'W., on tangent line along S. bdy sec. 31, from point 13 lks. S. of the standard cor. of secs. 31 and 32

Over broken land; descend 30 ft., through juniper and pinon timber and scattering undergrowth.

14.50 Draw, drains S; ascend 280 ft. to $\frac{1}{4}$ sec. cor.

SEVENTH STANDARD PARALLEL SOUTH, ALONG S. BDY. T. 35 S., R. 17 E.

Chains

29.40

Foot of steep slope, bears NE. and SW.

33.60

Base of sandstone ledge, bears NE. and SW.

34.40

Top of ledge, 115 feet high, bears NE. and SW.

Difference between measurements of 40.00 chains by two sets of chainmen is nothing.

40.00

North 16 links from tangent
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the standard $\frac{1}{4}$ sec. cor., with brass cap marked

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

1929

from which

A pinon, 3 ins. diam., bears N.42°30'E., 84 links distant, marked B T

A pinon, 3 ins. diam., bears N.42°30'W., 97 links Distant, marked B T

The corner stands in small saddle on ridge, bears NE. and SW.

October 2, 1930: At this point, in order to verify the alinement of the tangent, I make the altitude observation of the sun, first setting on the sun's upper and right limbs, then after reversal of the instrument, setting on the lower and left limbs; the horizontal angles are measured from sun to a tree on top of Wooden Shoe Butte to the east.

Mean watch time of the observation, a.m. 8h 53m 18s

Mean vertical angle - - - - - 27°15'45"

Mean horizontal angle - - - - - 29°11'15"

Reduced bearing to tree - - - - - S89°43'E

Horizontal angle tree to tangent line east is 0°20'

Reduced bearing of tangent - - - - - N.89°57'E

As the theoretical bearing of the tangent line at this point is N.89°57'E., the observation indicates that the line has been carried forward acceptably.

Gradually descend over NW. slope.

51.66

Spur, 75 feet below $\frac{1}{4}$ sec. cor., projects N.; descend abruptly over NW. slope.

68.25

Red sandstone ledges, 185 feet high, bears N.20°E. and S.30°W.

Difference between measurements of 80.00 chains by two sets of chainmen is nothing.

80.00

North, 20 links from the tangent.
Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for standard corner of Tps. 35 S., Rs. 16 and 17 E., with brass cap marked

S C
T35S
R16E | R17E
S36 | S31

1930

from which

A pinon, 3 ins. diam., bears N.12°45'W., 71 links distant, marked B T

A juniper, 3 ins. diam., bears N.20°30'E., 42 links distant, marked B T

This corner stands on gentle NW. slope, 410 feet below spur.

Land, rolling and broken bench; drainage NW.
Soil, rocky of sandstone formation; 4th rate.
Timber, juniper and pinon.
Undergrowth, buck, rabbit and sage brush.
Fair grazing land.

GENERAL DESCRIPTION

The general description of the parallel through ranges 17 and 18 east will be found in the field notes of the subdivision of those townships.

In range 19 east the land is, in general, rolling mountains, draining in the eastern part northeast into Hammond Canyon, a tributary of Cottonwood Canyon, and in the western part northwest, into Dark Canyon, which drains northwest into the Colorado River. The entire line is on Elk Ridge, and at an average elevation of about eight thousand feet above sea level. It is entirely in the LaSai National Forest.

Juniper and pinon pine predominate in the lower elevations, and a scattering of yellow pine and spruce in the higher. The timber has little commercial value at present, being used for fire wood and fence posts only.

A medium growth of sagebrush, serviceberry, oak and buck brushes cover the land on both sides of the line, and in places a scant growth of native grass will be found. The area is used for grazing under Forest Service supervision, and has been badly over grazed in recent years. Small streams and springs near the line furnish the necessary water for the stock.

The soil is a light sandy loam, rather shallow except in the canyon bottoms, on a sandstone base. In many places the underlying sandstone is exposed.

The nearest postoffice is located at Blanding, Utah, about thirty-five miles easterly, and may be reached by a dirt road constructed by the Forest Service.

Magnetic declination was not taken on account of defective needle.

Note: No evidence was encountered of commercial deposits of any minerals.

CERTIFICATE OF UNITED STATES SURVEYOR.

Engineer

I, Emil Voigt, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for District Cadastral Engineer bearing date of the 25th day of June 1927, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Seventh Standard Parallel South, through Ranges Nos. 18 and 19 East; and the south boundary of sec. 36, Ranges No. 17 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented 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 District Cadastral Engineer and in the specific manner described in the field notes, and that the foregoing are the original field notes such survey.

Denver, Colo., Feb. 16, 1927

Emil Voigt
U.S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by under his special instructions dated 191, 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.

CERTIFICATE OF UNITED STATES SURVEYOR.

Chas. F. Moore
Robt. C. Yundt

U. S. Surveyor, hereby certify upon honor that, in pursu-
of special instructions received from the U. S. ~~Surveyor General~~ District Cadastral Engineer
for Utah
bearing date of the 25th day of June, 1927, we have well, faithfully, and to
our
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Inst-
tutions, and the laws of the United States, surveyed all those parts or portions of the west five mi-
of the Seventh Standard Parallel South, through Range 17 East.

of the Salt Lake
Meridian, in the State of Utah, which are represented
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 Inst-
tutions, and the special written instructions of the U. S. ~~Surveyor General~~ District Cadastral Engineer for
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

March 9th, 1935

Chas. F. Moore
Robt. C. Yundt
U. S. Surveyor

APPROVAL.

SUPERVISOR OF SURVEYS,
OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~

Denver Colo. FEB 3 - 1937, 19

The foregoing field notes of the survey of the west five miles of the Seventh
Standard Parallel South, through Range 17 East.

executed by Chas. F. Moore and Robt. C. Yundt
under his special instructions dated June 25, 1927, having b-
critically examined, and the necessary corrections and explanations made, the said field notes, and the surv-
they describe, are hereby approved.


U. S. SUPERVISOR OF SURVEYS

I certify that the foregoing transcript of the field notes of the above described surveys in-
has been correctly copied from the original notes on file in this office.

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BOOK A-507

B

FIELD NOTES

OF THE SURVEY OF THE

RECEIVED
MAR 4 1935
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

EAST, WEST, AND NORTH BOUNDARIES, AND OF

THE SUBDIVISION OF

T. 35 S., R. 17 E.,

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Emil Voigt, ~~U.S.~~ Cadastral Engineer, and Robert C. Yundt, ~~U.S.~~

Surveyor.

Under special instructions dated June 25, 1927, which provided

for the surveys included under Group No. 182, bearing the approval of the

Commissioner of the General Land Office under date of July 15, 1927

and assignment instructions dated August 24, 1927, and supplemental

assignment instructions dated May 9, 1929, and June 3, 1931.

Survey commenced October 11, 1927

Survey completed October 3, 1931

INDEX DIAGRAM.

Township 35 South, Range 17 East

	17	18	19	20	21	22	23
16	83	82	81	80	79	78	77
15	84	83	82	81	80	79	78
14	85	84	83	82	81	80	79
13	86	85	84	83	82	81	80
12	87	86	85	84	83	82	81
11	88	87	86	85	84	83	82
10	89	88	87	86	85	84	83

TOWNSHIP 35 SOUTH, RANGE 17 EAST.

Survey commenced October 11, 1927, and executed with Buff and Buff transit No. 17994, used by Emil Voigt, Cadastral Engineer, and Buff and Buff transit No. 9797, used by Robert C. Yundt, Surveyor. Each instrument is equipped with Smith solar attachment and full vertical circle; the horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use on this survey in assignment instructions for Group No. 182, Utah, conditional upon satisfactory field tests, a record of which follows:

Transit No. 17994.

I examine the adjustments of the transit and find same in satisfactory condition. I then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations.

October 11, 1927, at 4h 00m p.m., apparent time I set off $37^{\circ} 41' N.$, on the latitude arc, $6^{\circ} 55' S.$, on the declination arc, and determine a meridian with the solar, and mark its position on a wooden peg, firmly driven in the ground, 7.00 chains N. of the standard corner of Tps. 35 S., Rs. 17 and 18 E., Salt Lake Meridian, Utah, in latitude $37^{\circ} 41' N.$, and longitude $110^{\circ} 00' W.$

At 6h 21.4m p.m., apparent time, 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 on a peg driven firmly in the ground 7.00 chains N.

Azimuth of Polaris at eastern elongation - $1^{\circ} 22'$.

October 12, 1927, I lay off the azimuth of Polaris $1^{\circ} 22'$ to the west, and mark the meridian thus determined by a tack in the hub driven in the ground on previous day, and on which the meridian falls 0.1 inches west of the mark determined by the solar.

At 8h 00m a.m., apparent time, I set off $37^{\circ} 41' N.$, on the latitude arc; $7^{\circ} 08' S.$, 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 during the usual hours of solar work come within $1' 30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory. The instrument was kept in good adjustment during the progress of the survey, frequent tests having been made on line and at camp on meridians or reference lines established by Polaris observations or direct observations on the sun for azimuth, all giving satisfactory results.

Transit No. 9797.

The solar attachment of the transit was not used; the instrument was in good condition at the time of the survey, and all adjustments were in good order. An altitude observation of the sun for azimuth was made at the standard corner of sections 35 and 36, T. 35 S., R. 17 E., latitude $37^{\circ} 41' N.$, longitude $110^{\circ} 00\frac{1}{2}' W.$, as follows:

May 29, 1929, I make a series of three altitude observations of the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal deflection angles from my reference point, a tree on skyline about 10 miles eastward.

360

355K R-507

TOWNSHIP 35 SOUTH, RANGE 17 EAST.

Chains

Observation	Telescope	Sun	Watch time	Horizontal angle	Vertical angle
1st.	Direct	•	9h45m00s	15° 20' 30"	53° 37' 00"
	Reversed	•	9h45m50s	14° 34' 00"	53° 17' 00"
	Mean			14° 57' 15"	53° 27' 00"
2nd	Direct	•	9h46m00s	16° 01' 00"	54° 11' 30"
	Reversed	•	9h46m50s	15° 16' 00"	53° 52' 30"
	Mean			15° 38' 30"	54° 02' 00"
3rd	Direct	•	9h48m50s	16° 38' 00"	54° 42' 00"
	Reversed	•	9h49m40s	15° 53' 00"	54° 23' 30"
	Mean			16° 15' 30"	54° 32' 45"

By 1st observation flag bears, - - - S. 89° 52' 45" E.
 By 2nd observation flag bears, - - - S. 89° 53' 10" E.
 By 3rd observation flag bears, - - - S. 89° 52' 50" E.
 Mean true bearing of flag, - - - S. 89° 53' E.

The east boundary and west two miles of the north boundary was surveyed by Emil Voigt, Cadastral Engineer, and the azimuth determinations were accomplished with the solar attachment. The remaining portion of the township was surveyed by Robert C. Yundt, Surveyor, and the azimuth determinations were accomplished by direct observations of the sun, and the bearings of the lines were obtained by deflection angles. Observations were made at frequent intervals during the progress of the survey and all lines verified.

MEASUREMENTS

Measurements were made with Lallie steel ribbon tapes, 5 and 8 chains in length, compared with a Lufkin standard steel tape, 1 chain long, and found correct. The measurements were made on the slope, the vertical angles determined with improved type clinometers, and the slope measurements properly reduced to the horizontal, which appear in these notes.

EAST BOUNDARY OF T. 35 S., R. 17 E.

From the standard corner of Tps. 35 S., Rs. 17 and 18 E., described in notes of survey of 7th Standard Parallel S., through R. 18 E., this group; thence

North, between sections 31 and 36.

Ascend gradually over rolling, mountainous land, SE. slope, through dense sagebrush undergrowth.

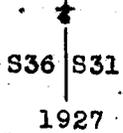
- 0.70 Dry wash, 15 lks. wide, with perpendicular banks, 8 ft. high, course S.30°W.; ascend gradually 40 ft.
- 7.00 Top of rolling spur, slopes S.30°W.; ascend gradually 65 ft. along SW. slope.
- 25.00 Enter dense heavy oak and service brush, and scattering pinon and juniper timber, bears NE. and SW.
- 27.00 Top of ascent, bears NE. and SW.; descend 15 ft.

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

35.10 Dry wash, 15 lks. wide, with perpendicular banks 4 ft. high, course SW.; ascend gradually 20 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 10 ins. diam., brs. N. 50° 15' E., 247 lks. dist., marked $\frac{1}{4}$ S 31 B T.

A pinon, 8 ins. diam., brs. S. 34° 30' W., 333 lks. dist., marked $\frac{1}{4}$ S 36 B T.

55.00 Top of spur, 30 ft. above $\frac{1}{4}$ sec. cor., slopes SW.; desc. 10 ft.

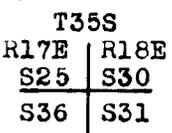
60.20 Head of wash, course SW.; ascend gradually.

69.20 Enter dense pinon and juniper timber, brs. NE. and SW.

72.00 Top of spur ridge, 55 ft. above wash, brs. N. 70° E., and S. 70° W.; descend.

73.80 Rim of Hide out Canyon, brs. N. 70° E., and S. 70° W.; thence descend 110 ft. over series of terraced ledges and out-cropping to sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, with brass cap marked



1927

from which

A pinon, 4 ins. diam., brs. N. 45° 30' E., 39 lks. dist., marked T 35 S R 18 E S 30 B T.

A pinon, 4 ins. diam., brs. S. 82° 45' E., 193 lks. dist., marked T 35 S R 18 E S 31 B T.

A pinon, 12 ins. diam., brs. S. 39° 30' W., 284 lks. dist., marked T 35 S R 17 E S 36 B T.

A pinon, 6 ins. diam., brs. N. 85° 45' W., 53 lks. dist., marked T 35 S R 17 E S 25 B T.

Land, 73.80 chs. rolling mountainous mesa; 6.20 chs. rough broken mountains.
 Soil, light sandy clay loam, medium texture, dry, variable from a few inches to 8 ft. on sandstone strata; 3rd rate. Considerable petrified formation on surface.
 Timber, pinon and juniper.
 Undergrowth, sagebrush, scrub oak, service, laurel and a fair growth of grass.
 Good grazing land.

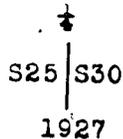
EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

North, bet. secs. 25 and 30.

Over rough mountainous land, through scattering timber and dense undergrowth; descend 50 ft. over rocky bench sloping NW.

- 3.50 Top of cliff, brs. N. 60° E., and S. 60° W.; precipitous descent of 40 ft. to base.
- 4.00 Base of cliff; thence descend abruptly 330 ft. over series of terraced ledges and outcropping facing N.
- 17.50 Hide Out Canyon, with small seeping stream, in rocky channel 30 lks. wide, with precipitous banks. 20 ft. high course S. 60° W.; ascend abruptly 205 ft. over series of terraced ledges.
- 22.60 Top of ledge, brs. N. 60° E., and S. 60° W.; thence ascend abruptly 350 ft. over surface covered with large boulders and over series of outcropping along S. to SW. slope.
- 39.30 Point of rocky spur, slopes SW.; descend 20 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in ground to bed rock, and 7 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

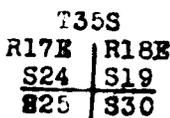


from which

A pinon, 10 ins. diam., brs. N. 59° 30' E., 35 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A pinon, 7 ins. diam., brs. N. 84° 15' W., 55 lks. dist., marked $\frac{1}{4}$ S 25 B T.

- 41.00 Head of wash, course S. 65° W., ascend 90 ft. over rocky W. slope.
- 45.90 Point of spur, projects S. 65° W.; descend 20 ft.
- 48.50 Head of rocky wash, course S. 70° W., ascend 60 ft.
- 55.70 Sharp rocky point of spur, projects SW.; descend 10 ft.
- 57.50 Head of wash, course SW.; ascend 10 ft.
- 63.00 Point of spur, projects S. 50° W.; descend 40 ft.
- 69.00 Head of rocky wash, course S. 65° W.; ascend 80 ft. to sec. cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, with brass cap marked



1927

from which

An oak, 4 ins. diam., brs. N. 47° 45' E., 26 lks. dist., marked T 35 S R 16 E S 19 B T.

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

- .324 34 A juniper, 10 ins. diam., brs. S. 16° 15' E., 19 lks. dist., marked T 35 S R 18 E S 30 B T.
- .324 35 A pinon, 8 ins. diam., brs. S 77° W., 263 lks. dist. marked T 35 S R 17 E S 25 B T.
- .324 36 A juniper, 10 ins. diam., brs. N. 55° 45' W., 40 lks. dist., marked T 35 S R 17 E S 24 B T.

Land, rough broken mountainous.
 Soil, light sandy clay loam, medium texture, dry, shallow on sandstone strata. Many sandstone cliffs and outcropping and loose surface rock; 4th rate.
 Timber, pinon and juniper.
 Undergrowth, scrub oak, service, buckbrush, sagebrush.
 A scant growth of grass. Poor grazing.

North, bet. secs. 19 and 24.

Ascend along rocky broken general W. slope, through dense scrub oak and service and scattering pinon and juniper timber.

- 5.00 From this point a small spring of pure water bears W., 2.00 chs. dist., drains W.
- 7.90 Low point of spur, 35 ft. above sec. cor., slopes W.; ascend gradually 50 ft. along rocky W. slope.
- 21.60 Head of wash, course S. 30° W.; ascend 85 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

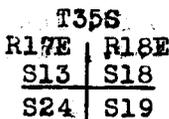


from which

A pinon, 10 ins. diam., brs. N. 81° 30' E., 134 lks. dist., marked $\frac{1}{4}$ S 19 B T.

A pinon, 6 ins. diam., brs. N. 82° 30' W., 129 lks. dist., marked $\frac{1}{4}$ S 24 B T.

- 45.60 Top of ridge, 20 ft. above $\frac{1}{4}$ sec. cor., brs. NE. and SW.; thence descend gradually 120 ft. over NW. slope, through dense scrub oak and scattering timber.
- 67.20 Point of broad spur, slopes N. 35° W.; thence descend abruptly 260 ft. over steep brushy NE. slope.
- 74.70 Ravine, course N. 70° W., ascend abruptly 125 ft. over rimrock S. slope to sec. cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 13, 18, 19, and 24, with brass cap marked



1927

from which

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains	
	A pinon, 16 ins. diam., brs. N. 45° E., 14 lks. dist., marked T 35 S R 18 E S 18 B T.
	A pinon, 10 ins. diam., brs. S. 70° E., 35 lks. dist., marked T 35 S R 18 E S 19 B T.
	A juniper, 8 ins. diam., brs. S. 45° W., 27 lks. dist., marked T 35 S R 17 E S 24 B T.
	A pinon, 8 ins. diam., brs. N. 28° W., 40 lks. dist., marked T 35 S R 17 E S 13 B T.
	Land, rough mountainous. Soil, light sandy clay loam, medium texture, dry, shall on sandstone strata; considerable loose rock and outcropping along W. slope; 3rd rate. Timber, pinon and juniper. Undergrowth, scrub oak, service, buckbrush and sagebrush. Scant growth of grass. Fair grazing.
	North, bet. secs. 13 and 18.
	Over rough mountainous land, through scattering timber, and dense undergrowth; ascend 15 ft.
0.75	Point of sharp rocky spur, slopes W.; descend abruptly 155 ft. over rimrock N. slope.
5.80	Ravine, course S. 80° W., ascend abruptly 45 ft. to
8.20	Base of cliff, brs. N. 60° E., and N. 60° W., skirting a spur; precipitous ascent of 40 ft. to top.
8.60	Top of cliff; thence ascend 45 ft. over rocky surface.
10.40	Base of cliff, brs. N. 60° E., and N. 60° W., skirting spur; precipitous ascent of 20 ft. to top.
10.60	Top of cliff; thence ascend 70 ft. over rocky S. to SW. slope.
14.00	Base of ledge, brs. NW. and SE., skirting spur; precipitous ascent of 20 ft. to top.
14.20	Top of ledge; thence ascend 10 ft.
14.90	Point of spur, slopes S. 10° W.; descend 10 ft.
22.20	Head of wash, course S. 70° W.; ascend gradually.
26.70	Top of divide ridge, brs. N. 25° W., and S. 25° E.; trail traverses along top of ridge. Descend 85 ft. along broke rimrock NE. slope.
32.40	Head of dry wash, course N. 80° E.; ascend 45 ft.
35.00	Point of sharp rocky spur, slopes N. 80° E.; descend 15 ft.
36.70	Head of wash, course S. 80° E.; ascend 25 ft. to $\frac{1}{4}$ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

- A pinon, 8 ins. diam., brs. N. 68° E., 40 lks. dist., marked \ddagger S 18 B T.
- A pinon, 18 ins. diam., brs. S. 85° W., 52 lks. dist., marked \ddagger S 13 B T.
- Thence descend 35 ft. along edge of rimrock ledge 6 ft. to 12 ft. high, brs. N. 5° W., and S. 5° E.
- 47.50 Point of spur, slopes N. 70° E.; descend abruptly 230 ft. over rocky and brushy NE. slope.
- 55.00 Enter dense heavy Douglas fir timber, brs. NW. and SE.
- 58.70 Head of ravine, course N. 80° E.; ascend 15 ft.
- 60.00 Head of wash, course S. 80° E.; ascend 45 ft.
- 67.30 Top of low rolling spur; S. edge of small rimrock skirting spur, slopes N. 80° E.; descend gradually 35 ft. Leave Douglas fir timber, continue through dense pinon and juniper timber, brs. E. and W.
- 76.80 Head of wash, course S. 60° E.; ascend gradually.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock and 10 ins. in a mound of stone, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

T35S	
R17E	R18E
S12	S 7
S13	S18

1927

from which

- A pinon, 18 ins. diam., brs. N. 29° 30' E., 43 lks. dist., marked T 35 S R 18 E S 7 B T.
- A pinon, 10 ins. diam., brs. S. 62° E.; 41 lks. dist., marked T 35 S R 18 E S 18 B T.
- A pinon, 14 ins. diam., brs. S. 70° 30' W., 22 lks. dist., marked T 35 S R 17 E S 13 B T.
- A pinon, 8 ins. diam., brs. N. 44° 45' W., 25 lks. dist., marked T 35 S R 17 E S 12 B T.
- Land, rough mountainous.
- Soil, shallow yellow and reddish light sandy clay loam, mixed with decomposed sandstone on sandstone strata; 3rd rate.
- Timber, pinon, juniper, and Douglas fir.
- Undergrowth, scrub oak, service, buckbrush, laurel, manzanita, and sagebrush.
- Scant growth of grass. Fair grazing.

North, bet. secs. 7 and 12.

Over rough broken mountainous land, through dense pinon and juniper timber, and dense undergrowth; ascend 15 ft.

- 1.50 Top of low broad rolling spur, slopes E.; descend 25 ft.

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

- 4.80 Head of dry wash, 10 lks. wide, with precipitous banks 5 ft. high, course N. 80° E.; descend 70 ft. over rolling table land with NE. slope.
- 21.90 Edge of rimrock of box canyon, brs. N. 70° E., and S. 70° W.; descend abruptly 760 ft. over series of terraced ledges and bulging sandstone outcropping.
- 39.70 Bottom of canyon, with small intermittent stream in rock channel 15 lks. wide, with precipitous banks 10 ft. high, course N. 70° E.; ascend 10 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to bed rock and 8 ins. in a mound of stone, for sec. cor., with brass cap marked

†
 S12 | S 7
 1927

from whi

A Douglas fir, 6 ins. diam., brs. S. 56° E., 68 lks. dist., marked † S 7 B T.

A Douglas fir, 10 ins. diam., brs. S. 13° 30' W., 70 lks. dist., marked † S 12 B T.

- 45.00 Point of rocky spur, 115 ft. above † sec. cor., project S. 70° E.; descend 50 ft. over series of terraced ledges
- 52.00 Rocky ravine, course S. 40° E.; precipitous ascent of 700 ft. over series of terraced ledges and sandstone outcropping to rim of canyon.
- 67.30 Top and N. rim of canyon, brs. N. 70° E., and S. 70° W.; ascend 45 ft. to
- 70.40 Top of ledge, 10 ft. high, skirting table land, brs. E. and W.; thence ascend gradually 40 ft. over rolling table land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs, 1, 6, 7, and 12, with brass cap marked

T35S
 R17E | R18E
 S 1 | S 6
 S12 | S 7
 1927

from which

A pinon, 12 ins. diam., brs. N. 12° 15' E., 109 lks. dist., marked T 35 S R 18 E S 6 B T.

A juniper, 15 ins. diam., brs. S. 73° 15' E., 20 lks. dist., marked T 35 S R 18 E S 7 B T.

A juniper, 12 ins. diam., brs. S. 36° 30' W., 23 lks. dist., marked T 35 S R 17 E S 12 B T.

A juniper, 16 ins. diam., brs. N. 52° 15' W., 51 lks. dist., marked T 35 S R 17 E S 1 B T.

Land, short narrow stretches of rolling table land, surrounded by rimrock, remainder rough broken mountainous.

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

Soil, light sandy clay loam, medium texture, dry, shallow on sandstone strata; 3rd rate.
 Timber, pinon, juniper, yellow pine, Douglas fir, and balsam.
 Undergrowth, scrub oak, service, laurel, manzanita, buckbrush, willow, maple, briar, and sagebrush.
 Medium growth of grass. Fair grazing.

North, bet. secs. 1 and 6.

Ascend gradually over rolling mountainous table land, through dense timber and undergrowth.

- 2.40 Top of broad rolling spur, from NW., slopes N.80°E.; descend gradually.
- 8.70 Edge of rimrock, brs. N.40°W., and S.40°E.; precipitous descent of 60 ft., over series of ledges and large boulders
- 11.70 Head of ravine, course N.80°E.; precipitous ascent of 85 ft. over series of ledges.
- 14.10 Edge of rimrock, brs. N.40°E., and S.40°W.; ascend gradually over rolling table land.
- 26.90 Edge of rimrock of table land, brs. E. and W.; descend abruptly over 35° slope, over series of terraced ledges and outcropping to bottom of canyon.
- 31.15 Top of sandstone ledge, brs. E. and W.

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

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in a large mound of stone, for witness cor to $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A Douglas fir, 8 ins. diam., brs. S. 75° E., 47 lks. dist., marked WC $\frac{1}{4}$ S 6 B T.

A Douglas fir, 8 ins. diam., brs. N. 61° W., 25 lks. dist., marked WC $\frac{1}{4}$ S 1 B T.

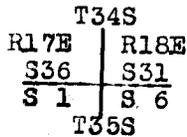
- 40.00 True point for $\frac{1}{4}$ sec. cor., falls on a precipitous slope, insecure ground to erect cor. monument. Cor. not set.
- 57.30 Bottom of canyon, 1220 ft. below S. rim of canyon, dry channel, 40 lks. wide, with precipitous banks 8 ft. high, course N. 80° E.; ascend abruptly 695 ft. over series of terraced ledges.
- 73.15 Base of cliff, brs. E. and W.; skirting table land; precipitous ascent of 400 ft. to top; leave scattering timber, brs. E. and W.
- 75.25 Edge of sharp high rimrock crescent shaped point facing E.; precipitous descent of 700 ft. over series of ledges.
- 80.00 True point for cor. of Tps. 34 and 35 S., Rs. 17 and 18 E. falls on steep slope on insecure ground to erect cor.

EAST BOUNDARY OF T. 35 S., R. 17 E.

Chains

monument, therefore at a point on top of high rimrock cliff of table land 800 ft. above the true corner point, on N. bdy., N. 89° 58' W., 8.27 chs. dist.

Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to bed rock and in mound of stone to top, for witness cor to cor. of Tps. 34 and 35 S., Rs. 17 and 18 with brass cap marked



1927

from which

A pinon, 4 ins. diam., brs. N. 50° E., 30 lks. dist., marked "BT" only.

A pinon, 12 ins. diam., brs. S. 25° 45' E., 86 lks. dist., marked T 35 S R 17 E S 1 W C B T.

A pinon, 4 ins. diam., brs. S. 18° 30' W., 46 lks. dist., marked "BT" only.

No. suitable bearing tree available to the NW.

Land, rough, broken mountainous.
Soil, light sandy clay loam, medium texture, dry, shallow on sandstone strata; 4th rate. Considerable number of terraced ledges and sandstone outcropping and surface covered with loose large boulders.
Timber, pinon, juniper, yellow pine, Douglas fir, and balsam poplar.
Undergrowth, scrub oak, service, laurel, manzanita, buckbrush, maple, willow, and sagebrush.
Medium growth of grass. Fair grazing.

WEST BOUNDARY OF T. 35 S., R. 17 E.

From the standard cor. of Tps. 35 S., Rs. 16 and 17 E., described in the field notes of survey of 7th Stan. Par. South, through R. 17 E., this group; thence

North, bet. secs. 31 and 36.

Over broken land, through medium dense timber and undergrowth; descend gradually over rocky NW. slope.

12.50 Draw, course W., 25 ft. below Tp. cor.; thence over rolling land.

31.00 Low spur, projects W.; descend 100 ft.

35.90 Rim of canyon and top of ledge, 30 ft. high, brs. NE. and SW.; abrupt descent over precipitous NW. slope.

38.90 Bottom of canyon, course S. 70° W.; ascend rocky S. slope.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in large mound of stone, for 1/4 sec. cor., with brass cap marked

WEST BOUNDARY OF T. 36 S., R. 17 E.

Chains

S36 | S31

1931

from which

A pinon, 8 ins. diam., brs. S. 73° 30'E., 67 lks. dist., marked $\frac{1}{4}$ S 31 B T.

A pinon, 8 ins. diam., brs. S. 51° 45'W., 77 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Ascend 100 ft. over rocky S. slope.

47.90 Rim of canyon, and top of ledge 20 ft. high, brs. NE. and SW.; ascend 30 ft. over rolling bench land, entering dense timber, brs. NE. and SW.

63.25 Low spur, projects SW.; descend 25 ft.

74.60 Draw, course S. 70° W.; ascend gradually over rolling bench land.

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

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

T36S	
R16E	R17E
S25	S30
S36	S31

1931

from which

A pinon, 4 ins. diam., brs. N.45° 30'E., 71 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 41° E., 83 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.44° 15'W., 30 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N. 56° W., 119 lks. dist., marked "BT" only.

Land rolling and broken bench land; drainage SW.
Soil, light sandy and clay loam, medium texture of sandstone formation; 2nd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush and mountain rush.
Medium growth of grass; good grazing.

North, bet. secs. 25 and 30.

Over rolling bench land, through medium dense timber and scattered undergrowth; ascend 20 ft.

9.40 Low sandy spur, projects W.; descend gentle NW. slope 20 ft.

16.60 Draw, course W.; ascend gentle SW. slope 15 ft.

23.00 Low spur, projects W.; descend gentle NW. slope.

WEST BOUNDARY OF T. 35 S., R. 17 E.

Chains

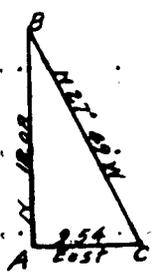
- 27.30 Draw, course W.; ascend gentle SW. slope.
- 31.60 Low spur, projects SW.; descend a gentle NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A pinon, 8 ins. diam., brs. S.60° 45'E., 58 lks. dist., marked $\frac{1}{4}$ S 30 B T.
- A pinon, 10 ins. diam., brs. N.20°15'W., 45 lks. dist., marked $\frac{1}{4}$ S 25 B T.
- 45.60 Rim of canyon, and top of ledge, 100 ft. high, brs. NE. and SW.; abrupt descent.
- 48.10 Small canyon, drains W., from the east.

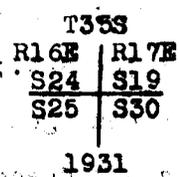
62.59 Sandstone rim or ledge, 150 ft. high, brs. E. and W. From this point line crosses canyon over ledges and sandstone outcropping over which chaining is impracticable, therefore to determine dist. across canyon I triangulate as follows:-
 I designate this point "A", and set flag "B" on line to the N., and from point "A", measure base line "A-C", east, 9.54 chs. dist. from point "C", line C-B, brs. N. 27° 49'W., and from flag "B", line B-C, brs. S. 27° 4'E. All bearings determined by deflection.



Distance on line,	62.59 chs.
Distance by triangulation,	<u>18.08</u>
	80.67 Chs.
Distance by return measurement	<u>.67</u>
	80.00 chs.

- 69.00 Approximate dist. Bottom of canyon, 200 ft. deep, course SW.; abrupt ascent over sandstone ledges and rims.
- 78.00 Rim of canyon, brs. NE. and SW.; thence over rolling land
- 80.00 On surface rock, mark a cross (X), over which

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



from which

WEST BOUNDARY OF T. 35 S. R. 16 E.

Chains

- A pinon, 4 ins. diam., brs. N. 25° 15' E., 40 lks. dist., marked "BT" only.
- A pinon, 3 ins. diam., brs. S. 81° 30' E., 55 lks. dist., marked "BT" only.
- A pinon, 3 ins. diam., brs. S. 39° 30' W., 29 lks. dist., marked "BT" only.
- A pinon, 6 ins. diam., brs. N. 12° W., 250 lks. dist., marked T. 35 S. R. 16 E. S. 24 B. T.

Land, rolling and broken bench; drainage SW.
 Soil, shallow sandy and clay loam, medium texture on sandstone strata; 3rd rate
 Timber, juniper and pinon.
 Undergrowth, scattered sagebrush and mountain rush.
 Medium growth of grass. Fair grazing.

North, bet. secs. 19 and 24.

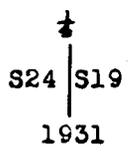
Over rolling bench land, through medium dense timber, and scattered undergrowth; ascend along gentle E. slope.

10.00 Low spur, 30 ft. above sec. cor., projects E.; descend 15 ft. along gentle E. slope.

19.50 Rim of canyon, brs. NE. and SE.; continue along gentle E. slope.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 4 ins. diam., brs. N. 41° W., 52 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. N. 12° 30' E., 71 lks. dist., marked $\frac{1}{4}$ S 19 B T.

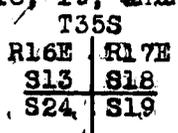
Ascend along gentle E. slope.

44.00 Low spur, projects E.; descend along gentle NE. slope.

59.10 Draw, course S. 30° E.; ascend 60 ft. over SE. slope.

73.00 Spur, projects SW.; descend 15 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bed rock, and in mound of stone to top, for cor. of secs. 13, 18, 19, and 24, with brass cap marked



1931

from which

WEST BOUNDARY OF T. 35 S., R. 17 E.

Chains

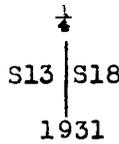
- .. A pinon, 4 ins. diam., brs. N.63° 30'E., 56 lks. dist., marked "BT" only.
- . A pinon, 3 ins. diam., brs. S.16° 15'E., 95 lks. dist., marked "BT" only.
- . A juniper, 4 ins. diam., brs. S. 64° W., 45 lks. dist., marked "BT" only.
- . A juniper, 4 ins. diam., brs. N.57° 30'W., 52 lks. dist., marked "BT" only.

Land rolling bench.
 Soil, light sandy and clay loam; medium texture, shallow on a sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, scattered sagebrush and mountain rush.
 Medium growth of grass. Fair grazing.

North, bet. secs. 13 and 18.

Over rolling bench land, through dense timber, and scattered undergrowth; ascend gentle S. slope.

- 24.00 Shallow draw, course SE.
- 34.00 Ascend abrupt rocky S. slope, brs. E. and W.
- 39.60 Red sandstone ledge, 30 ft. high, brs. NE. and W.
- 40.00 On rocky S. slope, 315 ft. above sec. cor.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- . A juniper, 4 ins. diam., brs. N.46° 15'E., 110 lks. dist., marked "BT" only.
- . A pinon, 4 ins. diam., brs. S.10° 15'W., 38 lks. dist., marked "BT" only.
- Continue ascent over steep rocky S. slope.
- 43.00 Point of rocky spur, 100 ft. above $\frac{1}{4}$ sec. cor., project S. 30° E.; descend 50 ft. along NE. slope.
- 55.10 Draw, course E.; ascend SE. slope 100 ft.
- 64.00 Spur, projects SW.; descend 50 ft. along W. slope.
- 76.40 Draw, course SW.; S. slope 50 ft.
- 78.00 Spur, projects SW.; descend NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, and in mound of stone to top, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

WEST BOUNDARY OF T. 35 S. R. 17 E.

Chains

0.00 **sec. cor.** **T35S**

R16E	R17E
S12	S 7
S13	S18

1931 from which

A pinon, 3 ins. diam., brs. N.16° 30'E., 106 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.9° 15'E., 50 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.74° 45'W., 92 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N.28° 30'W., 19 lks. dist., marked "BT" only.

Land, rolling bench and mountainous with steep broken slopes.

Soil, light sandy clay loam; rocky, medium texture, shallow on sandstone strata; 3rd and 4th rate.

Timber, juniper and pinon.

Undergrowth, scattered sagebrush.

Medium growth of grass. Fair grazing.

North, bet. secs. 7 and 12.

Over mountainous land, through medium dense timber, and scattered undergrowth; descend NW. slope.

2.80 Small draw, course SW; ascend S. slope .

7.20 Spur, 80 ft. above sec. cor., projects SW.; descend NW. slope 85 ft.

27.30 Draw, course SW.; thence along W. slope.

39.50 Point of spur, slopes NW.; descend N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to bed rock and in mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked

S12	S 7
-----	-----

1931 from which

A pinon, 4 ins. diam., brs. N. 32° E., 33 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. S. 44° W., 28 lks. dist., marked $\frac{1}{4}$ S 12 B T.

Continue descent over steep rocky N. slope.

42.10 Top of red sandstone ledge, 60 ft. high, brs. E. and W.

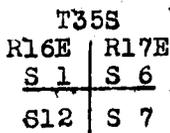
68.10 Rim of canyon, 28 ft. high, brs. E. and W.;

73.60 Bottom of canyon, 800 ft. below $\frac{1}{4}$ sec. cor., course W.; abrupt ascent over rocky SW. slope.

WEST BOUNDARY OF T. 35 S., R. 17 E.

Chains

78.00 Sandstone rim of canyon on N. side, 30 ft. high brs. E. and W.
 80.00 On rocky SW. slope, 100 ft. above bottom of canyon.
 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 1, 6, 7, and 12, with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N.31° 30'E., 42 lks. dist., marked "BT" only.

A pinon, 8 ins. diam., brs. S.46° 45'E., 96 lks. dist., marked T 35 S R 17 E S 7 B T.

A pinon, 4 ins. diam., brs. S.79° 30'W., 66 lks. dist., marked "BT" only.

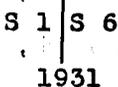
A pinon, 4 ins. diam., brs. N.69° 30'W., 52 lks. dist., marked "BT" only.

Land, mountainous with rocky slopes.
 Soil, light sandy clay loam; rocky; medium texture; shallow on sandstone strata; 3rd and 4th rate.
 Timber, pinon and juniper.
 Undergrowth, scattered sagebrush.
 Medium growth of grass. Fair grazing .

North, bet. secs. 1 and 6.

Over rough mountainous land, through medium dense scrub timber, and scattered undergrowth. Ascend rocky SW. slope 35 ft.

0.95 Small sandstone ledge, brs. NW. and SE.
 15.00 Top of ridge, brs. E. and W.; abrupt descent over rocky NW. slope.
 15.90 Rim of canyon and sandstone ledge, 100 ft. high, brs. E. and W.
 21.85 Bottom of canyon, 200 ft. below rim, course W.; ascend 230 ft. over rocky S. slope.
 35.75 Rim of canyon, brs. E. and W.; thence over rolling SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock and in large mound of stone to top, for 1/4 sec. cor., with brass cap marked



from which

WEST BOUNDARY OF T. 35 S., R. 17 E.

Chains

A pinon, 6 ins. diam., brs. S. 86° 45' E., 64 lks. dist., marked $\frac{1}{2}$ S 6 B T.

A pinon, 4 ins. diam., brs. N. 11° 45' W., 83 lks. dist., marked "BT" only.

43.50 Low spur, 15 ft. above $\frac{1}{2}$ sec. cor., projects S. 80° W.; descend over rolling NW. slope.

57.60 Draw, course W.; ascend over rolling S. slope.

64.40 Low spur, projects W.; descend gentle N. slope.

72.20 Draw, course W.; ascend rolling SW. slope.

80.00 On top of low spur, 25 ft. above draw, projects NW.

Set an iron post, 3 ft. long, 3 ins. diam., 29 ins. in the ground for cor. of Tps. 34 and 35 S., Rs. 16 and 17 E., with brass cap marked

T34S	
R16E	R17E
336	331
S 1	S 6
T35S	

1931

from which

A juniper, 3 ins. diam., brs. N. 6° 45' E., 66 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 22° E., 33 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 34° 15' W., 61 lks. dist., marked "BT" only.

A juniper, 3 ins. diam., brs. N. 71° 30' W., 23 lks. dist., marked "BT" only.

Land, mountainous with steep slopes, and rolling bench. Soil, light sandy clay loam; rocky, medium texture, shallow on sandstone strata; 3rd and 4th rate. Timber, scrub juniper and pinon. Undergrowth, scattered sagebrush, shadscale, and mountain rush. Scattered growth of grass; poor grazing.

NORTH BOUNDARY OF T. 35 S., R. 17 E.

From the true point for cor. of Tps. 34 and 35 S., Rs. 17 and 18 E., thence

West, on random line, making proper offsets to the north from the tangent to the parallel at intervals of 40.00 chs., setting temp. $\frac{1}{2}$ sec. and sec. cors. along the line bet. Tps. 34 and 35 S., R. 17 E. At 479.64 chs. the parallel intersects a N. and S. line, 24 lks. S. of the cor. of Tps. 34 and 35 S., Rs. 16 and 17 W. The correction is 4 lks. N. per mile, counting from the point of beginning.

Thence

S. 89° 58' E., bet. secs. 6 and 31.

NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains

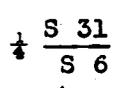
2000

Over rolling mountainous land, through medium dense scrub timber, and scattered undergrowth, ascend along gentle NW. slope.

17.60 Draw, course NW.; continue ascent along gentle NW. slope

36.00 Low spur, 130 ft. above sec. cor., projects SW.; descend over gentle E. slope.

39.54 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to bed rock and in mound of stone to top, for 1/4 sec. cor., with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N. 8° 45'E., 13 lks. dist., marked "BT" only.

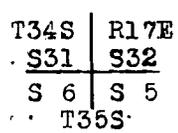
A juniper, 3 ins. diam., brs. S. 33° 45'W., 47 lks. dist., marked "BT" only.

43.90 Small draw, course S. 30°W.; ascend.

55.60 Low spur, 25 ft. above 1/4 sec. cor., projects SW.; thence over rolling SW. slope.

76.20 Draw, course SW.

79.54 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 5, 6, 31, and 32, with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N. 33° 15'E., 17 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 31° 30'E., 80 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 6° 15'W., 43 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N. 23° 30'W., 40 lks. dist., marked "BT" only.

Land, rolling mountainous.
Soil, light sandy clay loam; rocky, medium texture; shallow on sandstone strata; 3rd and 4th rate.
Timber, scrub pinon and juniper.
Undergrowth, scattered sagebrush, shadscale and mountain rush.
Scattered growth of grass. Fair grazing.

S. 89° 58'E., bet. secs. 5 and 32.

Over rolling mountainous land, through medium dense scrub

NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains

timber and scattered undergrowth.

2.70 Draw course S.; ascend rough, broken rocky W. slope.

19.00 Red sandstone ledge, 60 ft. high, brs. N. 10° E., and S. 10° W.; ascend over gentle rolling W. slope.

30.25 Small draw, course S. 70° W.

37.80 Spur, 630 ft. above sec. cor., slopes N.; descend over gradual N. slope.

40.00 On N. slope 15 ft. below spur.

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

1/4 S 32
S 5

1931

from which

A pinon, 14 ins. diam., brs. N. 41° 30' E., 50 lbs. dist., marked 1/4 S 32 B T.

A pinon, 6 ins. diam., brs. S. 43° E., 51 lbs. dist., marked 1/4 S 5 B T.

Thence along gentle N. slope.

45.50 Ascend over rolling W. slope.

68.10 Spur, 225 ft. above 1/4 sec. cor., Projects N.; descend N.E. slope, 25 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 4, 5, 32, and 33, with brass cap marked

T34S | R17E
932 | 933
S 5 | S 4
T35S

1931

from which

A pinon, 10 ins. diam., brs. N. 12° 15' E., 68 lbs. dist., marked T 34 S R 17 E S 33 B T.

A pinon, 12 ins. diam., brs. S. 26° 45' E., 27 lbs. dist., marked T 35 S R 17 E S 4 B T.

A pinon, 8 ins. diam., brs. S. 26° 15' W., 75 lbs. dist., marked T 35 S R 17 E S 5 B T.

A pinon, 12 ins. diam., brs. N. 9° 30' W., 23 lbs. dist., marked T 34 S R 17 E S 32 B T.

Land mountainous with rolling and steep rocky slopes; drainage SW.

Soil, light sandy clay loam; rocky and medium texture; shallow on sandstone strata; 3rd and 4th rate.

Timber, scrub pinon and juniper.

Undergrowth, scattered sagebrush and shadscale.

Scattered growth of grass; fair grazing.

NORTH BOUNDARY OF T. 33 S., R. 17 E.

Chains

and

- S. 89° 58'E., bet. secs. 4 and 33, over mountainous land, through medium dense scrub timber and scattered undergrowth; ascend 15 ft. over NW. slope.
- 3.00 Spur, projects N.; descend 280 ft. over rocky NE. slope.
- 27.90 Draw, course N.; ascend 100 ft. over NW. slope.
- 33.30 Spur, projects N.; descend 140 ft. over NW. slope.
- 38.80 Red sandstone ledge, 30 ft. high, brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bed rock and in large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1931

from which

A pinon, 8 ins. diam., brs. S.7° 30'W., 50 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon, 3 ins. diam., brs. N.56° 45'W., 63 lks. dist., marked "BT" only.

- 41.40 Draw, course N.; ascend 25 ft. over NW. slope.
- 42.20 Spur, projects N.; descend 25 ft. over NE. slope.
- 46.10 Draw, course N. ascend.
- 49.40 Spur, projects N.; ascend NE. slope, 25 ft.
- 52.75 Draw, course N.; ascend 20 ft. over NW. slope.
- 55.50 Spur, projects N.; descend NE. slope 55 ft. to
- 60.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T34S | R17E
S33 | S34
S 4 | S 3
T35S

1931

from which

A pinon, 4 ins. diam., brs. N.25° 30'E., 267 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.38° 30'E., 169 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.81° 45'W., 101 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N. 35° W., 120 lks. dist., marked "BT" only.

Land, mountainous with rocky broken slopes; drainage N. Soil, light sandy clay loam, rocky, medium texture, shallow on sandstone strata; 3rd and 4th rates. Timber, scrub juniper and pinon. Undergrowth, scattered sagebrush and shadscale. Medium growth of grass; fair grazing.

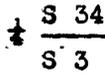
NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains

S. 89° 58'E., bet. secs. 3 and 34.
 Over rolling, mountainous land, through medium dense scrub timber, and scattered undergrowth.

- 1.10 Draw, course N.; ascend gentle W. slope.
- 6.20 Low spur, projects NW.; descend over gentle NW. slope.
- 15.00 Slope changes to gentle SW. slope.
- 20.00 Draw, course NW.; ascend SW. slope.
- 40.00 On spur, 120 ft. above draw, projects N.

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



1931

from which

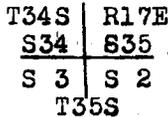
A pinon, 7 ins. diam., brs. N. 45° 45'E., 30 lks. dist., marked $\frac{1}{4}$ S 34 B T.

A pinon, 8 ins. diam., brs. S. 17° W., 54 lks. dist., marked $\frac{1}{4}$ S 3 B T.

Descend gentle E. slope.

- 42.00 Small draw, course N.; ascend.
- 49.00 Low spur, projects N.; descend NE. slope 80 ft.
- 53.20 Draw, course NW.; ascend 70 ft. along S. slope.
- 72.60 Point of spur, slopes S.; descend.
- 78.00 Draw, course SW.; thence over bottom of draw.
- 80.00 On east side of bottom of draw.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock and in large mound of stone to top, for cor. of secs. 2, 3, 34, and 35, with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N. 38° 45'E., 67 lks. dist., marked "BT" only.

A pine, 30 ins. diam., brs. S. 10° 45'E., 52 lks. dist., marked T 35 S R 17 E S 2 B T.

A pinon, 10 ins. diam., brs. S. 36° W., 23 lks. dist., marked T 35 S R 17 E S 3 B T.

A Juniper, 18 ins. diam., brs. N. 45° W., 30 lks. dist., marked "BT" only. Tree too scrubby for additional markings.

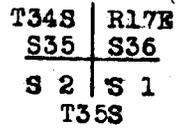
NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains	
	<p>Land, rolling mountainous. Soil, shallow light sandy clay loam; medium texture; on sandstone strata; 3rd and 4th rate. Timber, scrub pinon and juniper. Undergrowth, scattered sagebrush and schadscale. Scattered growth of grass; fair grazing.</p>
	<p>S. 89° 58'E., bet. secs. 2 and 35.</p> <p>Over rolling mountainous land, through scattered timber, and dense undergrowth of sagebrush. descend abruptly 20 ft. over ledges.</p>
0.30	Edge of rimrock, brs. N. 60°E., and S. 60°W.
1.00	Head of draw, course S. 80°W., abrupt ascent of 75 ft.
2.80	Edge on rimrock, brs. NE. and S. 60°W.; ascend gradually 40 ft. to wash.
7.70	Trail, brs. N. and S.
12.50	Dry wash course S. 35° W.; ascend 20 ft. along S. side of wash.
14.60	Same wash, course N. 80° W.; ascend 40 ft. over rocky W. slope.
19.00	Top of ledge, 15 ft. high, brs. N. and S.; descend.
22.40	Dry wash, course SW.; ascend.
23.30	Dry wash, course S. 60°W.; ascend 130 ft. along broken SW. slope.
26.20	Trail, brs. N. and S.
35.40	Head of wash, course S. 70° W.; ascend abruptly 120 ft. over rough broken W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ <u>S 35</u> S 2
	1931
	from which
	A juniper, 4 ins. diam., brs. S. 89° 30'W., 3 lks. dist., marked $\frac{1}{4}$ S 2 B T.
	A pinon, 4 ins. diam., brs. N. 14° 15'W., 208 lks. dist., marked "BT" only.
	precipitous ascent of 40 ft.
40.20	Top of ledge, brs. N. and S.; ascend 100 ft. over series of ledges.
42.50	Top of ledge, brs. N. and S.; ascend 60 ft. over W. slope
47.40	Ridge, brs. N. and S.; descend 35 ft. over gentle SE. slope
53.80	Head of wash, course S.; ascend 50 over gradual W. slope

NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains

- 69.70 Top of spur, projects S. 30°W.; descend 185 ft. over SE. slope.
- 75.90 Enter scattered timber and dense sagebrush, brs. N. and S. Descend gradual SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 1, 2, 35, and 36, with brass cap marked



1931

from which

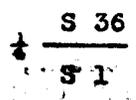
- A pinon, 3 ins. diam., brs. N. 78° 15'E., 18 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. S. 5° 45'E., 48 lks. dist., marked "BT" only.
- A pinon, 12 ins. diam., brs. S. 67° W., 297 lks. dist., marked T 35 S R 17 E S 2 B T.
- A pinon, 4 ins. diam., brs. N. 13° W., 77 lks. dist., marked "BT" only.

Land, rough mountainous.
 Soil, light sandy clay loam, shallow, mixed with decomposed sandstone on sandstone strata; 3rd rate.
 Timber, pinon and juniper and a few yellow pine.
 Undergrowth, scrub oak, sagebrush, laurel, service, and buckbrush.
 Scattered growth of grass; fair grazing.

S. 89° 58'E., bet. secs. 1 and 36.

Over rolling mountainous land, through scattered timber, and dense undergrowth; descend gradual SE. slope 60 ft.

- 10.20 Trail, brs. S. and N. to Horse Flats.
- 13.00 Draw, course S.; ascend gradual S. slope 50 ft.
- 26.40 Edge of rim rock, brs. N. 30°E., and S. 30°W.; descend 20 ft.
- 28.40 Head of wash, course S. 30°W.; ascend 50 ft. over gradual NW. slope.
- 32.60 Top of broad rolling spur, slopes S.;
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in mound of stone to top, for ¼ sec. cor., with brass cap marked



1931

from which

NORTH BOUNDARY OF T. 35 S., R. 17 E.

Chains

A pinon, 6 ins. diam., brs. N. 5° 45'E., 100 lks. dist., marked $\frac{1}{4}$ S 36 B T.

A pinon, 9 ins. diam., brs. S. 10° 30'E., 38 lks. dist., marked $\frac{1}{4}$ S 1 B T.

- 41.70 Edge of rimrock, brs. NW. and SE.; descend 280 ft. over series of ledges.
- 54.00 Head of canyon, course S. 50°E.; ascend 180 ft. over series of ledges and outcropping.
- 67.70 Point of rocky spur, projects SE.; thence descend over rolling land.
- 71.73 The witness cor. to cor. of Tps. 34 and 35 S., Rs. 17 and 18 E., heretofore described.
- 71.80 Top of cliff, brs. NW. and SE.; precipitous descent of 800 ft. over series of ledges.
- 80.00 True point for cor. of Tps. 34 and 35 S., Rs. 17 and 18 E.

Land, rough mountainous.
 Soil, light sandy clay loam, medium texture, dry, shallow on sandstone strata; 4th rate.
 Timber, pinon and pine.
 Undergrowth, scrub oak, sagebrush, service, buckbrush, laurel, manzanita.
 Fair growth of grass; fair grazing.

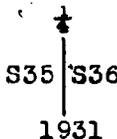
SUBDIVISION OF T. 35 S., R. 17 E.

From the standard cor. of secs. 35 and 36, on S. bdy. of Tp., described in field notes of survey of 7th Stan. Par S., through R. 17 E., this group; thence

N. 0° 01'W., bet. secs. 35 and 36.

Over rough mountainous land, through medium dense timber and undergrowth; descend 490 ft. over rocky and broken NW. slope.

- 24.00 Low rocky spur, slopes S. 10°W.; continue descent over rocky NW., slope.
- 31.20 Rocky channel 1 ch. wide, 8 ft. deep, in bottom of Hide Out Canyon, course S. 30°W.; ascend 160 ft. over steep rocky SW. slope to
- 35.10 Trail, brs. NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock and in large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 3 ins. diam., brs. S. 41° 15'E., 24 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N. 2° W., 17 lks. dist., marked "BT" only.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

Continue ascent of 930 ft. over steep rocky SW. slope.

65.75 Top of ledge, 30 ft. high, and rim of canyon, brs. NE. and SW.; Ascend 25 ft. over rolling SW. slope, entering dense timber, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bed rock and in a large mound of stone to top, for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T35S	R17E
S26	S25
S35	S36

1931

from which

A pinon, 10 ins. diam., brs. N.50° 15'E., 42 lks. dist., marked T 35 S R 17 E S 25 B T.

A pinon, 4 ins. diam., brs. S.46° 15'E., 58 lks. dist., marked "BT" only.

A pinon, 12 ins. diam., brs. S.27° 15'W., 37 lks. dist., marked T 35 S R 17 E S 35 B T.

A pinon, 14 ins. diam., brs. N.12° 30'W., 61 lks. dist., marked T 35 S R 17 E S 26 B T.

Land, mountainous; steep rocky slopes.
 Soil, light sandy clay loam, rocky, medium texture, on sandstone strata; 4th rate.
 Timber, juniper and pinon.
 Undergrowth, sagebrush and mountain rush.
 Scattered growth of grass; fair grazing.

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

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect E. bdy. of Tp., 9 lks. N. of the cor. of secs. 25, 30, 31, and 36, heretofore described; thence

N. 89° 56'W.; on true line bet. secs. 25 and 36.

Descend over rough mountainous land, through dense timber and medium dense undergrowth; descend 720 ft. over steep rocky NW. slope.

30.00 Trail, brs. NE. and SW.

31.90 Rocky channel, 40 lks. wide, 8 feet deep, in bottom of Hide Out Canyon, course S. 30°W.; abrupt ascent of 130 ft. over rocky SE. slope to

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

1/4	S 25
	S 36

1931

from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A juniper, 3 ins. diam., brs. N. 31° E., 23 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 36° 30' W., 39 lks. dist., marked "BT" only.

Continue ascent of 490 ft. over steep rocky SE. slope.

66.00 Top of ledge, 30 ft. high, and rim of canyon, brs. NE. and SW.; thence over rolling SW. slope.

79.96 The cor. of secs. 25, 26, 35, and 36.

Land, mountainous; steep rocky slopes.
Soil, shallow light sandy clay loam, medium texture, on sandstone strata; 4th rate.
Timber, juniper and pinon.
Undergrowth, sagebrush and mountain rush.
Medium growth of grass; fair grazing.

N. 0° 01' W., bet. secs. 25 and 26.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend gradual SW. slope.

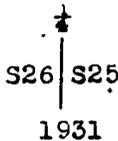
8.80 Draw, course SW.; ascend.

20.00 Low spur, projects SW.

39.90 Small draw, course S. 20° W.

40.00 On gentle SW. slope, 130 ft; above sec. cor.

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



from which

A pinon, 10 ins. diam., brs. N. 84° 15' E., 20 lks. dist., marked $\frac{1}{4}$ S 25 B T.

A pinon, 8 ins. diam., brs. N. 56° 45' W., 50 lks. dist., marked $\frac{1}{4}$ S 26 B T.

45.00 Low spur, projects SW.; descend over rolling, rocky NW. slope 430 ft.

51.30 Ledge, 30 ft. high, brs. NE. and SW.

78.20 Draw, course S. 10° W.; ascend.

79.60 Small spur, projects SW.; descend rocky NW. slope.

80.00 On rocky NW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

T35S	R17E
S23	S24
S26	S25

1931

from which

A juniper, 4 ins. diam., brs. N. 80° E., 55 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 50° 45' E., 63 lks. dist., marked "BT" only.

A pinon, 10 ins. diam., brs. S. 4° 45' W., 52 lks. dist., marked T 35 S R 17 E S 26 B T.

A pinon, 14 ins. diam., brs. N. 34° 45' W., 16 lks. dist., marked T 35 S R 17 E S 23 B T.

Land, rolling mountainous with rocky slopes.
 Soil, shallow light sandy clay loam, medium texture, on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, sagebrush, mountain rush and ash plant.
 Medium growth of grass; fair grazing.

S. 89° 56' E., on random line bet. secs. 24 and 25.

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

80.00 Intersect E. bdy. of Tp., 16 lks. S. of the cor. of secs. 19, 24, 25, and 30, heretofore described; thence

S. 89° 57' W., on true line bet. secs. 24 and 25.

Over rough, broken mountainous land, through scattered timber and medium dense undergrowth; descend 120 ft. over rocky SW. slope.

14.40 Bottom of canyon, course S.; ascend rocky SE. slope, 125 ft.

22.30 Ledge, 30 ft. high, and rim of canyon, brs. S. 10° E., and N. 10° W.; ascend over rolling SE. slope, entering dense timber and scattered undergrowth.

24.20 Low spur, projects S. 10° E.; descend.

32.00 Head of draw, course S. 30° W.; ascend.

35.50 Low ridge, brs. NE. and SW.; descend over rolling NW. slope

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

$\frac{1}{4}$	S 24
	S 25

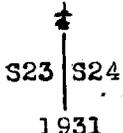
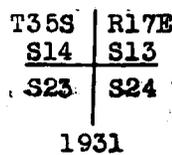
1931

from which

A pinon, 14 ins. diam., brs. N. 16° E., 52 lks. dist., marked $\frac{1}{4}$ S 24 B T.

A pinon, 12 ins. diam., brs. S. 29° 45' W., 34 lks. dist., marked $\frac{1}{4}$ S 25 B T.

SUBDIVISION OF T. 35 S., R. 17 W.

Chains	Station
45.10	Ledge, 20 ft. high and rim of canyon, brs. NE. and SW.; descend 670 ft. over rocky NW. slope, to sec. cor.
78.50	Draw, course S. 20°W.; ascend.
79.00	Low spur, projects SW.; descend.
80.00	The cor. of secs. 23, 24, 25, and 26. Land, mountainous with rocky slopes. Soil, light shallow sandy clay loam; medium texture on sandstone strata; 3rd rate. Timber, pinon and juniper. Undergrowth, sagebrush, mountain rush and scrub oak. Medium growth of grass; fair grazing.
	N. 0° 01'W., bet. secs. 23 and 24. Over rough and broken mountainous land, through dense timber and scattered undergrowth; descend rocky NW. slope
10.80	Draw, 100 ft. below sec. cor., course N. 10°W.; ascend
14.40	Low spur, 10 ft. above draw, slopes N. 10°W.; descend 290 ft. over rocky NW. slope, to bottom of canyon.
21.10	Ledge, 30 ft. high, brs. NE. and SW.; abrupt descent.
36.00	Bottom of canyon, course S. 10°W.; ascend 80 ft. over steep rocky SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in large mound of stone to top, $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;">  <p>S23 | S24 1931</p> </div> <p style="text-align: right;">from which</p> <p>A pinon, 4 ins. diam., brs. N. 75° 40'E., 49 lks. dist., marked "BT" only.</p> <p>A pinon, 3 ins. diam., brs. S. 30° 30'W., 7 lks. dist., marked "BT" only.</p>
41.20	Small spur, projects S. 10°W.; ascend along rocky W. slope on W. side of top of spur.
66.20	Ledge, 30 ft. high and rim of canyon, 350 ft. above $\frac{1}{4}$ sec. cor., brs. NE. and SW.; ascend over rolling SW. slope.
80.00	On rolling SW. slope 15 ft. above rim of canyon. Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock and in large mound of stone to top, $\frac{1}{4}$ cor. of secs. 13, 14, 23, and 24, with brass cap marked <div style="text-align: center;">  <p>T35S | R17E S14 | S13 S23 | S24 1931</p> </div> <p style="text-align: right;">from which</p>

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- A pinon, 7 ins. diam., brs. N. 33° E., 91 lks. dist., marked T 35 S. R 17 E S 13 B T.
- A pinon, 3 ins. diam., brs. S. 35° 45' E., 41 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. S. 44° 45' W., 47 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. N. 59° 15' W., 27 lks. dist., marked "BT" only.

Land, mountainous.
 Soil, shallow light sandy clay loam; rocky, medium texture on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, sagebrush and mountain rush.
 Medium growth of grass; fair grazing..

N. 89° 57' E., on random line bet. secs. 13 and 24.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Intersect E. bdy. of Tp., 23 lks. S. of the cor. of secs. 13, 18, 19, and 24, heretofore described; thence S. 89° 47' W., on true line bet. secs. 13 and 24.

Over steep mountainous land, through scattered pinon, juniper and yellow pine, and dense oak and scattered sagebrush undergrowth; descend 725 ft. over steep rocky and broken N. slope.

- 4.40 Draw, drains N. 20° W.; continue steep descent.
- 32.95 Ledge, 30 ft. high, brs. N. 20° E., and S. 20° W.
- 37.00 Bottom of canyon, dry wash, 100 lks. wide, 8 ft. deep, course S. 20° W.; ascend.
- 39.00 Ledge, 40 ft. high, brs. N. 20° E., and S. 20° W.
- 39.20 Low spur, projects S. 20° W.; descend SW. slope 25 ft. to
- 40.03 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock and in mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ S 13
 S 24

1931

from which

- A pinon, 4 ins. diam., brs. S. 29° W., 41 lks. dist., marked $\frac{1}{4}$ S 24 B T.
- A pinon, 8 ins. diam., brs. N. 9° 30' W., 54 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Continue descent over rocky SW. slope of 225 ft.

- 53.10 Bottom of canyon, course S. 20° W.; ascend 225 ft. over steep, rocky broken SE. slope, leaving yellow pine; enter medium dense pinon and juniper and scattered undergrowth, brs. S. 20° W.; and N. 20° E.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

63.20 Ledge, 30 ft. high, and rim of canyon, brs. NE. and SW.; ascend over rolling SE. slope.

69.00 Low spur, projects S. 10°W.; descend 15 ft.

80.06 The cor. of secs. 13, 14, 23, and 24.

Land, mountainous; steep rocky slopes.
Soil, shallow light sandy clay loam; medium texture on sandstone strata; 3rd. rate.
Timber, pinon, juniper and scattered yellow pine.
Undergrowth, oak, sagebrush and mountain rush.
Medium growth of grass. Fair grazing.

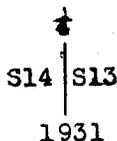
N. 0° 01'W., bet. secs. 13 and 14.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend over gentle S. slope.

38.60 Red sandstone ledge, 40 ft. high, brs. S. 80°E., and N. 80°W.; abrupt ascent over rocky S. slope.

40.00 On steep red shale S. slope, 430 ft. above sec. cor.

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



from which

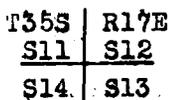
A pinon, 18 ins. diam., brs. N. 48°E., 57 lks. dist., marked "BT" only. Tree too scrubby for additional markings.

A pinon, 4 ins. diam., brs. N. 70°W., 35 lks. dist., marked "BT" only.

47.80 Ledge, 20 ft. high, 190 ft. above $\frac{1}{4}$ sec. cor., brs. S. 80°E., and N. 80°W.; ascend 120 ft. over rolling S. slope, entering dense timber, and scattered undergrowth, brs. with ledge.

62.70 Enter scattered timber, and medium dense oak, sagebrush, buckbrush, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 17 ins. in the ground to bed rock and in large mound of stone to top for cor. of secs. 11, 12, 13, and 14, with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N. 34° E., 263 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 25° 15' E., 122 lks. dist., marked "BT" only.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains	
	<p>A pinon, 3 ins. diam., brs. S. 64° W., 75 lbs. dist., marked "BT" only.</p> <p>A pinon, 4 ins. diam., brs. N. 54° W., 68 lbs. dist., marked "BT" only.</p> <p>Land, mountainous. Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate. Timber, medium to dense growth of pinon and juniper. Undergrowth, oak, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.</p>
	<p>N. 89° 47'E., on random line bet. secs. 12 and 13.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of Tp., 44 lks. N. of the cor. of secs. 7, 12, 13, and 18, heretofore described; thence
	N. 89° 54'W., on true line bet. secs. 12 and 13.
	Over rough mountainous land, through dense timber and scattered undergrowth; ascend 320 ft. over rocky and broken NE. slope.
20.00	Spur, projects N.; descend 260 ft. over rocky NW. slope, entering very scattered timber, and dense oak, brs. N. and S.
33.00	Draw, course N.; ascend 70 ft.
35.50	Spur, projects N.; descend 135 ft. to draw, over rocky NW. slope.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ <u>S 12</u> S 13
	1931
	raise a mound of
	stone, 3 ft. base, 2 ft. high N. of cor.
42.10	Draw, course N.; ascend 360 ft. over rocky N. slope.
66.40	Top of abrupt ascent and rim of draw, brs. NW. and SE.; ascend gradually over rolling mountainous land, entering dense timber, and scattered undergrowth, brs. NW. and SE.
71.20	Trail, brs. NW. and SE. to Hide Out.
73.20	Low ridge, brs. NW. and SE.; descend 10 ft. to.
80.06	The cor. of secs. 11, 12, 13, and 14.
	<p>Land, mountainous with steep rocky slopes. Timber, pinon and juniper. Undergrowth, oak, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.</p>

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

annexed

N. 0° .01'W., bet. secs. 11 and 12.

Over rolling land, through medium dense timber, and dense undergrowth; ascend gentle S. slope. 20 ft.

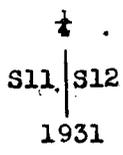
2.10 Trail, brs. SE. and SW.; Hide Out to Nook.

5.40 Trail, brs. NW. and SE.; Hide Out to Horse Flats

12.40 Low ridge, brs. NW. and SE.; descend gentle NW. slope.

27.80 Top of ledge, and rim of draw, brs. NW. and NE., 50 ft. below ridge; abrupt descent of 310 ft. over rocky N. slope to

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



from which

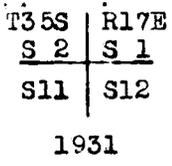
A pinon, 4 ins. diam., brs. N.25° 15'E., 138 lks. dist., marked "BT" only.

No other suitable bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

44.80 Bottom of draw, 70 ft. below 1/4 sec. cor., course N.30°E. ascend 300 ft. along SE. slope.

72.80 Spur, projects N. 25°E.; descend a N. slope 130 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground and in mound of stone to top, for cor. of sec. 1, 2, 11, and 12, with brass cap marked



from which

A balsam, 4 ins. diam., brs. N. 9° E., 20 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.27° 45'E., 131 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.32° 15'W., 43 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N.16° 15'W., 85 lks. dist., marked "BT" only.

Land, mountainous with steep slopes. Soil, rocky clay loam, shale formation; medium texture; 4th rate. Timber, dense pinon, and juniper. Undergrowth, oak, service, sagebrush, and buckbrush. Scattered growth of grass. Fair grazing.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- S. 89° 54'E., on random line bet. secq. 1 and 12.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.18 Intersect E. bdy. of Tp., 21 lks. S. of 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 mountainous land, through dense timber, and scattered undergrowth; descend gradually over rolling NW. slope.
- 21.50 Leave timber, enter sagebrush opening, brs. N. and S.
- 33.00 Leave sagebrush opening, enter dense timber, brs. N. and S.
- 40.09 On rolling NW. slope, 60 ft. below sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{1}{4} \text{ S } 1 \\ \text{S } 12 \\ \hline 1931 \end{array}$$
- from which
- A pinon, 14 ins. diam., brs. S. 21°W., 80 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- A pinon, 20 ins. diam., brs. N. 23° 30'W., 50 lks. dist., marked $\frac{1}{4}$ S 1 B T.
- 41.20 Draw, course NW.; ascend 15 ft.
- 45.30 Spur, projects NW.; descend 110 ft. over NW. slope.
- 52.25 Bottom of canyon, course N. 10°W.; ascend 350 ft. over NE. slope, to sec. cor.
- 66.80 Draw, course N. 20°E.; continue ascent over steep NE. slope.
- 80.18 The cor. of secs. 1, 2, 11, and 12.
- Land, mountainous; drainage N.
Soil, shallow rocky sandy clay loam; medium texture on sandstone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush, oak, buck and service brush.
Scattered growth of grass. fair grazing.
-
- N. 0° 01'W., on random line bet. secs. 1 and 2.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect N. bdy. of Tp., 12 lks. W. of the cor. of secs. 1, 2, 35, and 36, heretofore described; thence
- S. 0° 04'W., on true line bet. secs. 1 and 2.
- Over rolling mountainous land, through medium dense timber and undergrowth.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 8.50 Low spur, projects E.; descend 100 ft. over SE. slope.
- 24.00 Leave timber, enter sagebrush. brs. NE. and SW.
- 24.70 Draw, course NE.; small reservoir in draw 1.50 chs. E. of this point; ascend 65 ft. over rolling NE. slope to $\frac{1}{4}$ sec. cor.
- 25.20 Trail, brs. SE. and NW. to Horse Flats.
- 40.16 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1931

- raise a mound of
- stone, 3 ft. base, 2 ft. high W. of cor.
- 45.60 Abrupt ascent over N. slope, leaving sagebrush and entering dense timber, brs. E. and W.
- 57.50 Spur, 135 ft. above $\frac{1}{4}$ sec. cor., projects N. 30°E.; descend S. slope 110 ft.
- 70.50 Draw, course E.; ascend 110 ft. over N. slope.
- 78.40 Spur, projects E.; descend 10 ft. to
- 80.16 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous.
 Soil, shallow rocky sandy clay loam; medium texture on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, sagebrush, oak, and buckbrush.
 Scattered growth of grass. Fair grazing.

From the standard cor. of secs. 34 and 35, on S. bdy. of Tp., described in the field notes of survey of 7th Stan. Par. S., through R. 17 E., this group; thence

N. 0° 01'W., bet. secs. 34 and 35.

Over rolling mountainous land, through dense timber, and medium undergrowth; descend gradually over gentle NW. slope.

- 16.80 Head of small ravine, 50 ft. below sec. cor., course W.; continue over gentle NW. slope.
- 32.30 Rim of canyon, and ledge 30 ft. high, brs. NE. and SW.; descend rocky NW. slope.
- 35.20 Head of small ravine, course S. 10°W.; ascend.
- 40.00 At base of sandstone ledge, 25 ft. high, brs. E. and W.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

S34 | S35

1931

from which

A pinon, 3 ins. diam., brs. N. 26° E., 53 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. S. 59° W., 25 lks. dist., marked $\frac{1}{4}$ S 34 B T.

- 40.90 Sandstone knob, 25 ft. high, brs. E. and W.
- 45.75 Spur, 75 ft. above ravine, projects W.; descend.
- 51.60 Ledge and rim of canyon, 25 ft. high, brs. N. 10° E., and S. 10° W.; descend 130 ft. over rocky NW. slope.
- 62.60 Draw, course W.; ascend 30 ft.
- 69.00 Spur, projects W.; descend 110 ft.
- 78.90 Bottom of canyon, course S. 20° W.; ascend.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock and in large mound of stone to top, for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T35S	R17E
S27	S26
S34	S35

1931

from which

A pinon, 8 ins. diam., brs. N. 15° 15' E., 40 lks. dist., marked T 35 S R 17 E S 26 B T.

A pinon, 4 ins. diam., brs. S. 47° 45' E., 47 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 0° 45' W., 71 lks. dist., marked BT only.

A pinon, 3 ins. diam., brs. N. 48° 15' W., 34 lks. dist., marked "BT" only.

Land, mountainous.
 Soil, shallow rocky sandy loam and surface rock, sandstone formation; 4th rate.
 Timber, piñon and juniper.
 Undergrowth, sagebrush, buckbrush, mountain rush and rabbit brush.
 Medium growth of grass. Fair grazing.

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

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 25, 26, 35, and 36; thence N. 89° 58' W., on true line bet. secs. 26 and 35.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- Over rolling mountainous land, through dense timber, and medium dense undergrowth; descend gradual SW. slope 35 ft.
- 12.60 Draw, course S. 30°W.; ascend 10 ft.
- 13.90 Spur, projects SW.; descend 25 ft.
- 22.70 Draw, course SW.; ascend 10 ft.
- 26.80 Low flat spur, projects S. 30°W.; ascend.
- 36.00 Ledge and rim of canyon, 30 ft. high, brs. NW. and SE.; abrupt descent over steep rocky NW. slope.
- 40.08 On rocky NW. slope, 80 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S 26
S 35
- 1931
- from which
- A pinon, 3 ins. diam., brs. N. 14° E., 35 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. S. 32° W., 11 lks. dist., marked "BT" only.
- Continue descent over steep rocky NW. slope.
- 67.60 Top of ledge and rim of canyon, 30 ft. high, brs. NE. and SW.
- 78.20 Bottom of canyon, 975 ft. below $\frac{1}{4}$ sec. cor., course SW.; ascend 15 ft. to
- 80.16 The cor. of secs. 26, 27, 34, and 35.
- Land, mountainous with steep rocky slopes.
Soil, shallow rocky sandy clay loam; medium texture and on sandstone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush, buckbrush, mountain rush and rabbit brush.
Medium growth of grass. Fair grazing.
-
- N. 0° 01'W., bet. secs. 26 and 27.
- Over rough and broken mountainous land, through medium dense timber and undergrowth; ascend steep rocky SE. slope
- 27.60 Small draw, course E.
- 32.30 Rim of canyon, and ledge, 30 ft. high, 350 ft. above sec. cor., brs. NE. and SW.; thence over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

S27 | S26

1931

from which

A pinon, 6 ins. diam., brs. N. 72° E., 29 lks. dist., marked † S 26 B T.

A pinon, 4 ins. diam., brs. N. 48° W., 7 lks. dist., marked "BT" only.

Ascend over gentle SE. slope 80 ft.

58.00 Low spur, projects E.; descend over gentle NE. slope.

68.90 Small draw, course E.

80.00 On gentle SE. slope 60 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock and in large mound of stone to top, far cor. of secs. 22, 23, 26, and 27, with brass cap marked

T35S | R17E

S22 | S23

S27 | S26

1931

from which

A pinon, 6 ins. diam., brs. N. 10° 15' E., 11 lks. dist., marked T 35 S R 17 E S 23 B T.

A pinon, 4 ins. diam., brs. S. 48° E., 43 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 47° 45' W., 41 lks. dist., marked "BT" only.

A pinon, 8 ins. diam., brs. N. 89° W., 57 lks. dist., marked T 35 S R 17 E S 22 B T.

Land, rolling mountainous with steep rocky slopes on S. portion.

Soil, shallow rocky sandy loam; medium texture on sandstone strata; 3rd rate.

Timber, pinon and juniper.

Undergrowth, sagebrush, buckbrush, mountain rush, and ash brush.

Scattered growth of grass. Fair grazing.

S. 89° 58' E., on random line bet. secs. 23 and 26.

40.00 Set temp. † sec. cor.

80.04 Intersect N. and S. line, 28 lks. S. of the cor. of secs. 23, 24, 25, and 26; thence

S. 89° 50' W., on true line bet. secs. 23 and 26.

Over mountainous land, through medium dense timber and undergrowth; descend 280 ft. over rocky SW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

subject

24.90 Rim of canyon, and top of ledge 40 ft. high, brs. NE. and SW.; abrupt descent of 200 ft. over surface rock, ledges and rocky SW. slope.

35.15 Bottom of canyon, course S. 30°W.; ascend rocky SE. slope over ledges and surface rock.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 23
S 26

1931

from which

A pinon, 6 ins. diam., brs. S. 57° 45'W., 83 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A pinon, 4 ins. diam., brs. N. 40° 45'W., 45 lks. dist., marked "BT" only.

46.00 Rim of canyon and ledge, 35 ft. high, 130 ft. above canyon, brs. NE. and SW.; thence over rolling land, ascend gentle SE. slope.

52.50 Low spur, projects S. 10°W.; descend 15 ft.

59.15 Small draw, course S. 10° W.; ascend 40 ft. to

80.04 The cor. of secs. 22, 23, 26, and 27.

Land, mountainous; drainage SW.
Soil, shallow rocky sandy clay loam; medium texture, on sandstone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

N. 0° 01'W., bet. secs. 22 and 23.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend gradual SE. slope 130 ft.

15.35 Low ridge, brs. NE. and SW.; descend over gentle NW. slope

38.60 Small draw, course S. 30°W.; ascend.

39.00 Low spur, projects S. 40°W.; descend NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S22 | S23
1931

from which

A pinon, 8 ins. diam., brs. S. 45° E., 39 lks. dist., marked $\frac{1}{4}$ S 23 B T.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A pinon, 4 ins. diam., brs. N. 84° 30' W., 51 lks. dist., marked "BT" only.

41.00 Draw, course W.; ascend 10 ft.

42.60 Spur, projects W.; descend 30 ft.

50.00 Draw, course W.; ascend 10 ft.

53.60 Spur, projects W.; descend 20 ft.

68.20 Wash, course S. 40° W.; ascend along SW. slope 65 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T35S	R17E
S15	S14
S22	S23

1931

from which

A pinon, 4 ins. diam., brs. N. 46° E., 45 lks. dist., marked "BT" only.

A juniper, 12 ins. diam., brs. S. 52° 45' E., 46 lks. dist., marked T 35 S R 17 E S 23 B T.

A pinon, 4 ins. diam., brs. S. 64° 15' W., 94 lks. dist., marked "BT" only.

A juniper, 4 ins. diam., brs. N. 66° 30' W., 47 lks. dist., marked "BT" only.

Land, rolling mountainous.

Soil, shallow rocky sandy loam; medium texture; on sandstone formation; 3rd rate.

Timber, pinon and juniper.

Undergrowth, sagebrush, buckbrush, and mountain rush.

Scattered growth of grass. Fair grazing.

N. 89° 50' E., on random line bet. secs. 14 and 23.

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

80.20 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 13, 14, 23, and 24; thence

S. 89° 56' W., on true line bet. secs. 14 and 23.

Over mountainous land, through medium dense timber and undergrowth; descend SW. slope 265 ft.

15.15 Bottom of canyon, dry wash, 100 lks. wide, 10 ft. deep, course SE.; ascend 625 ft. over rocky and broken E. slope

39.00 Ridge, brs. S. 20° W., and N. 20° E.; descend W. slope 30 ft. to

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

SUBDIVISION OF T. 35 S., R. 17 E., S. 10

Chains	S. 10
	$\frac{S 14}{S 23}$
	1931
	from which
	<p>A pinon, 6 ins. diam., brs. S. 13° E., 49 lks. dist., marked $\frac{1}{4}$ S 23 B T.</p> <p>A pinon, 3 ins. diam., brs. N. 40° W., 40 lks. dist., marked "BT" only.</p>
	Continue descent over rocky W. slope.
70.10	Draw, 460 ft. below $\frac{1}{4}$ sec. cor., course SW.; ascend 35 ft. to
80.20	The cor. of secs. 14, 15, 22, and 23.
	<p>Land, mountainous; drainage SW. Soil, shallow rocky sandy loam; medium texture, on sandstone formation; 3rd rate. Timber, pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.</p>
	<hr/> N. 0° 01' W., bet. secs. 14 and 15.
	Over rolling mountainous land, through medium dense timber and undergrowth; ascend gradual SW. slope 30 ft.
10.00	Spur, projects S. 20° W.; descend NW. slope 15 ft.
21.10	Draw, course S. 30° W.; ascend SE. slope.
33.80	Red spur, 215 ft. above draw, projects S. 80° W.; high sandstone point, brs. E. 1 ch. dist from this point; descend NW. slope.
36.40	Ridge and divide between canyons, brs. NE. and SW.; trail along ridge; Hide Out to look.
40.00	On NW. slope 90 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	$S15 \mid S14$
	1931
	from which
	<p>A juniper, 10 ins. diam., brs. N. 77° E., 37 lks. dist., marked $\frac{1}{4}$ S 14 B T.</p> <p>A pinon, 6 ins. diam., brs. S. 7° 15' W., 19 lks. dist., marked $\frac{1}{4}$ S 15 B T.</p>
	Continue descent over NW. slope.
44.40	Draw, 25 ft. below $\frac{1}{4}$ sec. cor., course S. 80° W.; ascend over rocky SW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 55.60 Ledge, 30 ft. high brs. E. and W.
- 62.50 Spur, 490 ft. above draw, projects S. 80°W.; descend NW. slope.
- 74.10 Draw, 180 ft. below spur, course S. 80°W.; ascend along rocky W. slope.
- 78.20 Ledge, 10 ft. high, brs. NW. and SE.
- 80.00 On spur, 50 ft. above draw, projects W.
- Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 10, 11, 14, and 15, with brass cap marked
- | | |
|------|------|
| T35S | R17E |
| S10 | S11 |
| S15 | S14 |
- 1931
- From which
- A pinon, 4 ins. diam., brs. N. 19° 45'E., 43 lks. dist., marked "BT" only.
- A pinon, 8 ins. diam., brs. S. 55° 45'E., 86 lks. dist., marked T 35 S R 17 E S 14 B T.
- A pinon, 4 ins. diam., brs. N. 31° 15'W., 120 lks. dist., marked "BT" only.
- No suitable bearing tree available in sec. 15.
- Land, mountainous.
- Soil, shallow rocky sandy loam; medium texture; on sandstone strata; 4th rate.
- Timber, pinon and juniper.
- Undergrowth, sagebrush, buckbrush, oak, and mountain rush.
- Scattered grass. Fair grazing.
-
- N. 89° 56'E.; on random line bet. secs. 11 and 14.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.18 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 11, 12, 13, and 14; thence
- S. 89° 57'W., on true line bet. secs. 11 and 14.
- Over rolling mountainous land, through medium dense timber and undergrowth; descend over gentle W. slope.
- 19.60 Trail, brs. NE. and SW.; Hide Out to Nook.
- 19.90 Draw, 70 ft. below sec. cor., course S. 50°W.; ascend 15 ft.
- 24.00 Low spur, projects S. 50°W.; gradual descent over W. slope
- 40.09 On gentle W. slope, 55 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

$$\frac{1}{4} \frac{S. 11}{S. 14}$$

1931

from which

A pinon, 4 ins. diam., brs. N. 41°E., 50 lks.
dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 22° 30'E., 98 lks.
dist., marked "BT" only.

- 67.00 ledge, 20 ft. high, 80 ft. below $\frac{1}{4}$ sec. cor., brs. NW.
and SW.; abrupt descent over rocky W. slope.
- 71.10 Small draw, course S. 75° W.
- 80.18 The cor. of secs. 10, 11, 14, and 15, 350 ft. below ledge
land, mountainous; drainage SW.
Soil, shallow rocky sandy loam; medium texture; on sand-
stone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush, oak, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

N. 0° 01'W., bet. secs. 10 and 11.

over rough mountainous land, through medium dense timber
and undergrowth; descend.

- 4.00 Small draw, course SW.; ascend steep rocky S. slope.
- 16.75 Spur, 300 ft. above sec. cor., projects W.; descend rocky
NW. slope.
- 28.40 Small draw, course NW.; continue descent over NW. slope.
- 40.00 on rocky NW. slope, 420 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bed rock and in mound of stone to top, for $\frac{1}{4}$
sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S10}{S11}$$

1931

from which

A pinon, 12 ins. diam., brs. N. 80°E., 37 lks.
dist., marked $\frac{1}{4}$ S 11 B T.

A pinon, 14 ins. diam., brs. N. 34° 45'W., 29 lks.
dist., marked $\frac{1}{4}$ S 10 B T.

- 42.40 Draw, course W.; ascend.
- 47.00 Point of spur, slopes W.; descend.
- 63.40 Draw, 60 ft. below $\frac{1}{4}$ sec. cor., course W.
- 68.00 Draw, course S. 60°W.; ascend SW. slope.
- 80.00 On spur, 30 ft. above draw, projects SW.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

ground to bed rock and in mound of stone to top, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T35S	R17E
S 3	S 2
S10	S11

1931

from which

A pinon, 3 ins. diam., brs. N.31° 45'E., 35 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 35° E., 71 lks. dist., marked "BT" only.

A juniper, 4 ins. diam., brs. S. 4° 45'W., 59 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N.37° 30'W., 31 lks. dist., marked "BT" only.

Land, mountainous; rocky slopes; drainage SW.
 Soil, shallow rocky gravelly sandy loam; medium texture; on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, sagebrush, buckbrush and service brush.
 Scattered growth of grass. Fair grazing.

N. 89° 57'E., on random line bet. secs. 2 and 11.

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

80.28 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11, and 12; thence

N. 89° 59'W., on true line bet. secs. 2 and 11.

Over mountainous land, through medium dense timber and undergrowth; ascend E. slope.

5.30 Ridge, 50 ft. above sec. cor., brs. N. 10°W., and S.10°E.; descend along a S. slope.

5.45 Trail, brs. NW. and SE.; Hide Out to Horse Flats

14.25 Draw, 140 ft. below ridge, course S. 25° W.; ascend SE. slope.

22.40 Spur, 130 ft. above draw, projects S. 30°W.; descend along a NW. slope.

34.75 Recross spur, projects N. 20°W.; descend along SW. slope.

40.14 On SW. slope.

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

S 2
S 11

1931

from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A pinon, 4 ins. diam., brs. S. 52° E., 31 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N. 34° 45' W., 39 lks. dist., marked "BT" only.

- 52.00 Small draw, 10 ft. below spur, course S.; ascend.
- 59.10 Small spur, 20 ft. above draw, projects S.; descend along a S. slope.
- 60.28 The cor. of secs. 2, 3, 10, and 11.

Land, rolling mountainous; drainage SW.
 Soil, shallow light rocky sandy loam; medium texture; on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, oak, service brush, and sagebrush.
 Scattered growth of grass. Fair grazing.

N. 0° 04' E., on random line bet. secs. 2 and 3.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 60.24 Intersect N. bdy. of Tp., 12 lks. W. of the cor. of secs. 2, 3, 34, and 35, heretofore described; thence S. 0° 09' W., on true line bet. secs. 2 and 3.

Over mountainous land, through dense timber and medium dense undergrowth; ascend NW. slope, from bottom of draw

- 2.00 Spur, 30 ft. above sec. cor., projects S. 80° W.; descend SW. slope.
- 9.10 Draw, 20 ft. below spur, course S. 80° W.; ascend NW. slope.
- 27.20 Spur, 300 ft. above draw, projects W.; descend SW. slope
- 31.30 Red ledge, 70 ft. high, brs. E. and W.; abrupt descent
- 40.24 On rocky SW. slope 320 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 6 ins. diam., brs. S. 40° E., 18 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A pinon, 7 ins. diam., brs. N. 60° W., 40 lks. dist., marked $\frac{1}{4}$ S 3 B T.

- 45.50 Draw, 30 ft. below $\frac{1}{4}$ sec. cor., course W.; ascend NW. slope over shale formation.
- 61.50 Spur, 345 ft. above draw, projects N. 10° W., about 3 chs dist.; descend rocky SW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

78.55 Draw, 230 ft. below spur, course S. 60° W., ascend.

80.24 The cor. of secs. 2, 3, 10, and 11.

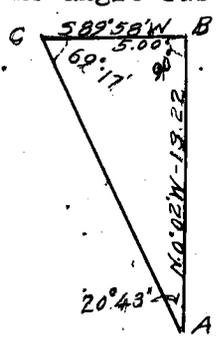
Land, mountainous; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
Timber, pinon and juniper.
Undergrowth, sagebrush, oak, service and buckbrush.
Scattered growth of grass. Fair grazing.

From true point for standard cor. of secs. 33 and 34, on S. bdy. of Tp., which is 0.26 chs. E. of the witness cor. of secs. 33 and 34, as described in the field notes of 7th Stan. Par. S., through R. 17 E.; thence

N. 0° 02' W., bet. secs. 33 and 34.

Descend NW. slope over broken mountainous land, through medium dense timber and undergrowth.

Vertical ledges to the N. on line make chaining impracticable. Therefore to determine the dist., I triangulate as follows:- Designate this point for cor. of secs. 33 and 34, as "A", and set flag "B": N. 0° 02' W., on top of ledge. From flag "B" measure base line; S. 89° 58' W., 5.00 chs. dist. to flag "C". The angle subtended at flag "C" is 69° 17'. The angle subtended at flag "A" is 20° 43'.



All angles checked by three repetitions with no closing error,

Distance by triangulation, ----- 13.22 chs.

6.00 Approximate distance to bottom of canyon, 75 ft. below point for sec. cor., course S. 20° W.; abrupt ascent.

13.22 Point of triangulation on rim of canyon and ledge 140 ft. high, brs. N. 20° E., and S. 20° W.; gradual ascent over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S33 | S34
1931

from which

A pinon, 4 ins. diam., brs. S. 28° 45' E., 42 lks. dist., marked "BT" only.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- A pinon, .4 ins. diam., brs. S.78° 15'W., 40 lks. dist., marked "BT" only.
- 46.30 Low spur, 80 ft. above rim of canyon, projects W.; descend
- 51.00 Draw, course S. 70°W.; ascend.
- 56.50 Low spur, projects W.; descend 20 ft.
- 61.70 Draw, course S. 70°W.; ascend SW. slope 45 ft. to
- 66.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock and in large mound of stone to top for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T35S	R17E
S26	S27
S33	S34

1931

from which

A juniper, 4 ins. diam., brs. N.51° 30'E., 82 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.72° 45'E., 51 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.11° 45'W., 23 lks. dist., marked T 35 S R 17 E S 33 B T.

A pinon, 4 ins. diam., brs. N.41° 15'W., 64 lks. dist., marked T 35 S R 17 E S 28 B T.

Land, broken mountainous; rocky slopes; drainage SW. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate. Timber, pinon and juniper. Undergrowth, sagebrush, buckbrush, mountain rush and ash. Scattered growth of grass. Fair grazing.

East, on random line bet. secs. 27 and 34.

46.00 Set temp. & sec. cor.

66.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 26, 27, 34, and 35; thence

N. 89° 19'W., on true line bet. secs. 27 and 34.

Ascend rocky E. slope, through medium dense timber and undergrowth.

19.60 Rim of canyon and ledge, 60 ft. high, 125 ft. above sec. cor., brs. N. and S.; thence along gentle SE. slope.

46.01 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock and in mound of stone to top, for 1/2 sec. cor., with brass cap marked

8	27
1/2	8.34

1931

from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A pinon, 3 ins. diam., brs. N.24° 45'E., 20 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.11° 15'E., 32 lks. dist., marked "BT" only.

- 41.90 Small draw, course S.; ascend.
- 52.30 Low spur, projects S.15°W.; descend.
- 55.50 Small draw, course S. 15°W.; ascend.
- 62.40 Low spur, projects S. 20°W.; descend gentle SW. slope 30 ft. to
- 80.04 The cor. of secs. 27, 28, 33, and 34.

Land, rolling and steep rocky canyon slopes.
 Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
 Timber, pinon and juniper.
 Undergrowth, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.

N. 0° 02'W., bet. secs. 27 and 28.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual ascent of 30 ft. over gentle SW. slope.

- 6.80 Low spur, projects W.; descend over gentle NW. slope.
- 29.50 Enter surface rock and outcroppings, brs. NE. and SW.
- 40.00 On gentle NW. slope, 85 ft. below spur.

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



from which

A pinon, 4 ins. diam., brs. N.29° 15'E., 27 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.15° 15'W., 43 lks. dist., marked "BT" only.

- 42.20 Rim of canyon, and top of ledge 60 ft. high, brs. NE. and SW.; abrupt descent over rocky NW. slope.
- 57.10 Bottom of canyon, 120 ft. below rim, course S. 20°W.; ascend steep rocky SE. slope.
- 77.60 Top of ledge, 30 ft. high, and rim of canyon, 250 ft. above bottom, brs. NE. and SW.; thence over rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock and in large mound of stone to top, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

entire

T35S	R17E
S21	S22
S28	S27

1931

from which

A juniper, 3 ins. diam., brs. N.80° 15'E., 63 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.74° 30'E., 52 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 22° 15'W., 41 lks. dist., marked "BT" only.

A pinon, 8 ins. diam., brs. N. 26° W., 54 lks. dist., marked T 35 S R 17 E S 21 B T.

Land, rolling mountainous and steep rocky slopes. Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, buckbrush, mountain rush and ash plant. Scattered growth of grass. Fair grazing.

S. 89° 59'E., on random line bet. secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

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

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

Ascend over rolling mountainous land, through medium dense timber and undergrowth.

5.90 Low ridge, brs. NE. and SW.; descend.

18.20 Small draw, course N. 20°W.; ascend.

20.15 Low spur, projects N.; gradual descent over W. slope.

40.00 On W. slope 85 ft. below spur.

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

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

1/4	S 22
	S 27

1931

from which

A pinon, 4 ins. diam., brs. S.48° 15'W., 28 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N.18° 45'W., 49 lks. dist., marked "BT" only.

49.00 Top of ledge, 30 ft. high, and rim of canyon, 60 ft. below 1/4 sec. cor., brs. NE. and SW.; abrupt descent over rocky W. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 58.00 Bottom of canyon, 150 ft. below rim, course S. 30° W.; ascend steep rocky SE. slope.
- 69.20 Top of ledge 30 ft. high, and rim of canyon, 175 ft. above bottom, brs. NE. and SW.; thence over rolling land.
- 80.00 The cor. of secs. 21, 22, 27, and 28.
Land, rolling and mountainous; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, buckbrush, mountain rush and ash.
Scattered growth of grass. Fair grazing.

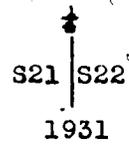
N. 0° 02' W., bet. secs. 21 and 22.

Ascend gentle SE. slope over mountainous land, through medium dense timber and undergrowth.

- 35.00 Red sandstone ledge, 30 ft. high, brs. NE. and SW.; ascend rocky SE. slope.

- 40.00 On rocky SE. slope, 320 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock and in mound of stone to top, for ¼ sec. cor., with brass cap marked



from which

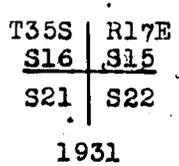
A pinon, 14 ins. diam., brs. N.25° 45'E., 20 lks. dist., marked ¼ S 22 B T.

A pinon, 4 ins. diam., brs. N. 25° W., 22 lks. dist., marked "BT" only.

- 48.90 Top of spur, 160 ft. above ¼ sec. cor., projects SW. about 25.00 chs. dist.; descend along rocky NW. slope.

- 80.00 On rocky NW. slope, 325 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 15, 16, 21, and 22, with brass cap marked



from which

A pinon, 12 ins. diam., brs. N.44° 15'E., 55 lks. dist., marked T 35 S R 17 E S 15 B T.

A pinon, 7 ins. diam., brs. S. 63° E., 48 lks. dist., marked T 35 S R 17 E S 22 B T.

A pinon, 8 ins. diam., brs. S. 30° W., 74 lks. dist., marked T 35 S R 17 E S 21 B T.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

enland

A pinon, 8 ins. diam., brs. N. 28° 15' W., 42 lbs. dist., marked T 35 S R 17 E S 16 B T.

Land, mountainous; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
Timber, scrub juniper and pinon.
Undergrowth, buckbrush, mountain rush and ash.
Scattered growth of grass. Fair grazing.

S. 89° 56' E., on random line bet. secs. 15 and 22.

40.00 Set temp. & sec. cor.

79.94 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 14, 15, 22, and 23; thence

N. 89° 57' W., on true line bet. secs. 15 and 22.

Over mountainous land, through medium dense timber and undergrowth; ascend gentle SW. slope 30 ft.

3.50 Draw, course S. 20° W.; ascend, 30 ft.

6.30 Low spur, projects S. 20° W.; descend 35 ft.

18.70 Draw, course S. 10° W.; ascend rocky SE. slope.

36.90 Red sandstone ledge, 60 ft. high, brs. NE. and SW.

39.97 On rocky SE. slope, 165 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{3}{15}$
 $\frac{1}{4}$ $\frac{3}{22}$

1931

from which

A pinon, 4 ins. diam., brs. S. 5° 45' E., 43 lbs. dist., marked "BT" only.

No other suitable bearing tree available.

44.90 Top of spur, 120 ft. above $\frac{1}{4}$ sec. cor.; projects NE. about 15.00 chs. dist.; descend along a rocky NW. slope 500 ft. to sec. cor.

46.00 Red sandstone ledge, 60 ft. high, brs. NE. and SW.

56.20 Small draw, course NW.

79.94 The cor. of secs. 15, 16, 21, and 22.

Land, mountainous with rocky slopes; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
Timber, scrub juniper and pinon.
Undergrowth, buckbrush, mountain rush and ash.
Scattered growth of grass. Fair grazing.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

N. 0° 02'W., bet. secs. 15 and 16.

Over mountainous land, through medium dense timber, and undergrowth; descend rocky NW. slope 110 ft.

3.50 Trail, brs. NE. and SW., Hide Out to Hook.

11.10 Small draw, course W.; ascend S. slope 40 ft..

26.80 Spur, projects S. 20°W.; descend 70 ft.

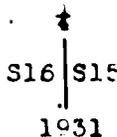
29.90 Ledge, 30 ft. high, brs. NE. and SW.; descend over ledges.

33.60 Bottom of canyon, course S. 30°W.; ascend rocky SE. slope

38.25 Ledge 35 ft. high, and rim of canyon, brs. NE. and SW.; ascend over rolling land.

40.00 On SE. slope 120 ft. above canyon.

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



from which

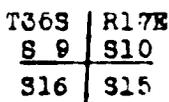
A pinon, 3 ins. diam., brs. N.25° 30'E., 44 lbs. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.39° 15'W., 60 lbs. dist., marked "BT" only.

59.40 Spur, 80 ft. above $\frac{1}{4}$ sec. cor., projects S. 20°W.; gradual descent over NW. slope.

80.00 On gentle NW. slope 30 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock and in large mound of stone to top for cor. of secs. 9, 10, 15, and 16, with brass cap marked



1931

from which

A pinon, 4 ins. diam., brs. N.77° 45'E., 26 lbs. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.12° 15'E., 12 lbs. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.44° 45'W., 56 lbs. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. E.38° 15'W., 49 lbs. dist., marked "BT" only.

Land, mountainous; drainage SW.
Soil, shallow rocky sandy clay loam; medium texture, on sandstone strata; 3rd rate.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

entire

Timber, scrub juniper and piñon. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.

S. 89° 57'E., on random line bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14, and 15; thence
N. 89° 54'W., on true line bet. secs. 10 and 15.
Over mountainous land, through medium dense timber and undergrowth; ascend rocky W. slope.
- 2.00 Red sandstone ledge, brs. N. and S.; abrupt descent.
- 12.00 Draw, 310 ft. below sec. cor., course SW.; ascend steep rocky SE. slope.
- 30.00 Red sandstone ledge, 35 ft. high, brs. NE. and SW.
- 33.25 Spur, 225 ft. above draw, projects S. 30°W., about 10 chs. dist.; descend rocky NW. slope.
- 37.20 Red sandstone ledge, 35 ft. high, brs. NE. and SW.
- 40.06 On rocky NW. slope, 260 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{S. 10}{\frac{1}{4}} \\ S. 15 \end{array}$$

1931

from which

- A piñon, 4 ins. diam., brs. S. 3° E., 36 lks. dist., marked "BT" only.
- A piñon, 4 ins. diam., brs. N. 23° 45'W., 27 lks. dist., marked "BT" only.

- 41.00 Draw, course N. 10°W.; ascend
- 42.00 Spur, projects N. 20°W.; gradual descent over rolling NW. slope, 320 ft. to
- 80.12 The cor. of secs. 9, 10, 15; and 16.

Land, mountainous. Soil, shallow rocky sandy clay loam; medium texture, on sandstone strata; 3rd rate. Timber, scrub piñon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.

N. 0° 02'W., bet. secs. 9 and 10.

Over mountainous land, through medium dense timber and

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

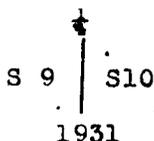
undergrowth; gradual descent over rolling NW. slope.

10.80 Top of ledge 30 ft. high, and rim of canyon, 40 ft. below sec. cor., brs. NE. and SW.; abrupt descent over rocky NW. slope.

31.10 Bottom of canyon, 560 ft. below rim, course SW.; ascend rocky SE. slope.

39.00 Top of ledge, 40 ft. high, and rim of canyon, 350 ft. above canyon, brs. NE. and SW.; gradual ascent over rolling SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

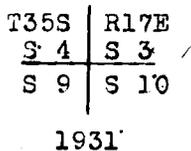
A pinon, 4 ins. diam., brs. N. 83° E., 8 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S. 59° W., 7 lks. dist., marked "BT" only.

63.60 Draw, course S. 30° W.

80.00 On rolling SW. slope, 110 ft. above $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 3, 4, 9, and 10, with brass cap marked



from which

A juniper, 4 ins. diam., brs. N. 67° E., 32 lks. dist., marked "BT" only.

A juniper, 3 ins. diam., brs. S. 60° E., 20 lks. dist., marked "BT" only.

A juniper, 8 ins. diam., brs. S. 37° 30' W., 12 lks. dist., marked T 35 S R 17 E S 9 B T.

A pinon, 9 ins. diam., brs. N. 23° 45' W., 47 lks. dist., marked T 35 S R 17 E S 4 B T.

Land, mountainous, SW. drainage.

Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.

Timber, scrub pinon and juniper.

Undergrowth, sagebrush, buckbrush, mountain rush and ash.

Scattered grass. Fair grazing.

SUBDIVISION OF T. 36 S., R. 12 E.

Chains

arist

- S. 89° 54'E., on random line bet. sec. 3 and 10.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect N. and S. line, 12 lks. N. of the cor. of sec. 2, 3, 10 and 11; thence
- N. 89° 49'W., on true line bet. sec. 3 and 10.
- Over rolling mountainous land through medium dense timber and undergrowth; gradual descent over SW. slope.
- 3.50 Draw, course S. 60°W.; continue over gentle SW. slope.
- 29.60 Draw, 170 ft. below sec. cor., course N. 30°W.; continue descent.
- 39.98 On top of ledge 15 ft. high, and rim of canyon, 70 ft. below draw, brs. NE. and SW.
- Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{S, 3}{S 10}$$

1931

from which

A balsam, 18 ins. diam., brs. S. 43° 30'W., 23 lks. dist., marked $\frac{1}{4}$ S 10 B T.

A pinon, 4 ins. diam., brs. N. 61° W., 31 lks. dist., marked "BT" only.

Abrupt descent over NW. slope.

- 44.20 Bottom of canyon, 70 ft. below $\frac{1}{4}$ sec. cor., course SW. ascend SE. slope.
- 44.60 Top of ledge 15 ft. high, and rim of canyon, 70 ft. above bottom, brs. NE. and SW.; thence over rolling land.
- 70.00 Low ridge, 30 ft. above rim of canyon, brs. NE. and SW. gradual descent over gentle NW. slope.
- 79.96 The cor. of sec. 3, 4, 9, and 10.

Land, mountainous; drainage SW.
Soil, shallow sandy clay loam; medium texture, on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper, and scattered balsam.
Undergrowth, sagebrush, mountain rush and ash.
Scattered growth of grass. Fair grazing.

N. 0° 09'E., on random line bet. sec. 3 and 4.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect N. bdy. of Tp., 7 lks. E. of the cor. of sec. 3, 4, 33, and 34, heretofore described; thence
- S. 0° 06'W., on true line bet. sec. 3 and 4.

Over rolling mountainous land, through medium dense

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

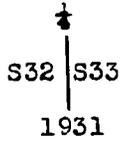
- timber and undergrowth; gradual ascent along W. side of bottom of draw.
- 29.90 Bottom of draw, course N.5°E., from SE.; ascend over rolling N. slope.
- 40.16 On spur, 300 ft. above sec. cor., slopes N.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
 |
 34 | 33
 |
 1931
- from which
- A pinon, 7 ins. diam., hrs. S. 26° E., 29 lks. dist., marked $\frac{1}{4}$ S 3 B T.
- A pinon, 6 ins. diam., hrs. S. 71° 30' W., 31 lks. dist., marked $\frac{1}{4}$ S 4 B T.
- Ascend gradually along spur.
- 44.90 Ridge, hrs. NE. and SW.; descend SW. slope.
- 52.90 Red sandstone ledge, 20 ft. high, hrs. SE. and SW.
- 67.70 Draw, course SW.
- 60.16 The cor. of secs. 3, 4, 9, and 10, 300 ft. below ridge.
Land, mountainous; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, mountain rush and ash.
Scattered growth of grass. Fair grazing.
-
- From the standard cor. of secs. 32 and 33, on S. hdy. of T., as described in the field notes of the 7th Stan. Ter. S., through R. 17 E., this group; thence
- N. 0° 03' W., bet. secs. 32 and 33.
- Over broken mountainous land, through medium dense timber and undergrowth; ascend SW. slope 15 ft.
- 9.70 Spur, projects W.; descend over broken NW. slope.
- 13.80 Top of ledge and rim of canyon, hrs. NE. and SW.; abrupt descent over series of ledges.
- 23.60 Ledge, 100 ft. high, hrs. NE. and SW.
- 26.50 Dry wash, 100 lks. wide, 20 ft. deep, in bottom of canyon, 215 ft. below spur, course SW.; ascend SE. slope over series of ledges.
- 34.00 Rim of canyon, 85 ft. above bottom, hrs. NE. and SW.; continue ascent.
- 35.80 Spur, projects SW.; descend over NW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

37.15 Top of ledge, 30 ft. high, and rim of canyon, brs. NE. and SW.; abrupt descent over series of ledges.

40.00 On rocky NW. slope, 120 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock and in large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



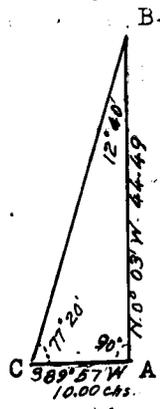
from which

A pinon, 4 ins. diam., brs. S. 56° W., 46 lks. dist., marked "BT" only.

No other suitable bearing tree available.

Line to the N. crosses canyon rimmed with vertical sandstone ledges and sandstone outcrops, over which chaining is impracticable. To determine the dist. I triangulate as follows:-

There being no suitable place for base line from this cor. I return to the 37.15 ch. point which I designate "A", and set flag "B", N. $0^{\circ} 03' W.$ on opposite side of canyon. With the transit sighted on flag "B", I reflect 90° to the left and measure base line S. $89^{\circ} 57' W.$, 10.00 chs. dist. to flag "C". The angle subtended at flag "C" is $77^{\circ} 20'$; the angle subtended at flag "B" is $12^{\circ} 40'$.



All angles checked by three repetitions with no closing error.

Distance by chaining-----	37.15 chs.
Distance by triangulation -----	44.49
Total distance	81.64 Chs.
By return measurement	1.64
	80.00 chs.

44.00 Approximate dist. to bottom of canyon, course S. $10^{\circ} W.$, about 3 chs., thence W.; ascend along E. side of draw from the N., over series of ledges and sandstone outcrops

80.00 On sloping surface rock where it is impracticable to set cor. monument. I mark a cross (X) at cor. point, and at N. $0^{\circ} 03' W.$, 38 lks. dist. on rim of canyon.

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

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a large mound of stone for witness cor. to cor. of secs. 26, 29, 32, and 33, with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

1358	R17E
329	328
332	333

WC
1931

from which

A pinon, 4 ins. diam., brs. N.68° 15'E., 74 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.7° 30'E., 78 lks. dist., marked "BT" only.

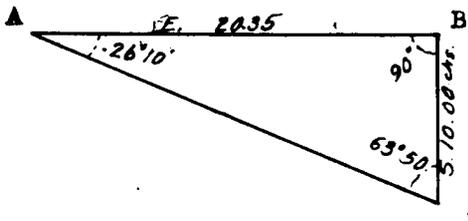
A juniper, 4 ins. diam., brs. S.69° 45'W., 60 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N.49° 45'W., 61 lks. dist., marked "BT" only.

Land, mountainous with rocky and broken slopes.
Soil, shallow rocky sandy loam, medium texture on sandstone strata; 3rd and 4th rate.
Timber, medium dense scrub juniper and pinon.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Poor grazing.

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

9.88 From this point line crosses canyon rimmed by vertical ledges over which chaining is impracticable. To determine dist. across canyon, I designate this point "A", and set flag "B" on line to the east on opposite side of canyon. There being no suitable place for base line from this point I proceed to flag "B", and with the telescope sighted on flag "A", deflect an angle of 90° to the left and measure a base, south, 10.00 chs. dist. to flag "C". The angle subtended at flag "C" is 63° 50'; the angle subtended from flag "A" is 26° 10'.



All angles checked by three repetitions with no closing error.

Distance by chaining -----	9.88 chs.
Distance by triangulation -----	20.35
Total distance	30.23 chs.

40.00 Set temp. & sec. cor.

79.88 Intersect N. and S. line, 19 lks. N. of the cor. of secs. 27, 28, 33, and 34; thence

N. 89° 52'W., on true line bet. secs. 28 and 33.

Over mountainous land, through medium dense timber and undergrowth; descend gentle SW. slope.

18.60 Small draw, course S. 30°W.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 34.90 Low spur, projects S. 30° W.;
- 39.94 On gentle SW. slope, 120 ft. below sec. cor.
On surface rock, mark a cross (X), over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ $\frac{S\ 28}{S\ 33}$
 1931

 from which
 A pinon, 4 ins. diam., brs. N. 75° 30' E., 46 lks.
 dist., marked "BT" only.
 A juniper, 4 ins. diam., brs. N. 11° W., 92 lks.
 dist., marked "BT" only.
- 49.65 Top of ledge, 65 ft. high and rim of canyon, 65 ft. below
 $\frac{1}{4}$ sec. cor., brs. NE. and SW.; abrupt descent over series
of ledges; distance determined by triangulation.
- 57.00 Approximate dist. to bottom of canyon, course S. 30° W.;
abrupt ascent over ledges.
- 70.00 Dist. by triangulation, top of ledge 85 ft. high, and
rim of canyon, brs. NE. and SW.; ascend SE. slope.
- 78.00 Top of ascent, 80 ft. above rim of canyon, slopes S.;
descend.
- 79.88 True point for cor. of secs. 28, 29, 32, and 33.

Land mountainous with rocky and broken slopes; drainage S.
Soil, shallow rocky sandy clay loam, medium texture on
sandstone strata; 3rd and 4th rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

From true point for cor. of secs. 28, 29, 32, and 33.
N. 0° 03' W., bet. secs. 28 and 29.
Over mountainous land, through medium dense timber and
undergrowth; ascend S. slope.
- 0.38 The witness cor. of secs. 28, 29, 32, and 33, on rim of
canyon, brs. SE. and SW.; ascend gentle SW. slope over
rolling land.
- 32.50 Small wash, course SW.
- 40.00 On gentle SW. slope, 110 ft. above true point for sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S29\ S28}{1931}$

 from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A pinon, 8 ins. diam., brs. N.49° 45'E., 67 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon, 3 ins. diam., brs. N.26° 45'W., 23 lks. dist., marked "BT" only.

48.90 Low spur, projects E.

54.30 Slope changes to the SE.

64.40 Trail, brs. NE. and SW.; Hide Out to Nook.

80.00 On a gentle SE. slope of red shale.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock and in large mound of stone to top for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T35S	R17E
S20	S21
S29	S28

1931

from which

A pinon, 4 ins. diam., brs. N.29° 15'E., 32 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. S.15° 15'E., 130 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.42° 45'W., 71 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N.33° 15'W., 67 lks. dist., marked "BT" only.

Land, rolling mountainous; SW. drainage. Soil, shallow rocky sandy clay loam of medium texture; 3rd rate.

Timber, pinon and juniper.

Undergrowth, sagebrush, buckbrush and mountain rush.

Medium growth of grass. Fair grazing.

S. 89° 52'E., on random line bet. secs. 21 and 28.

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

80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27, and 28; thence

N. 89° 56'W., on true line bet. secs. 21 and 28.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend gentle SE. slope.

11.80 Low spur, projects S.; descend gentle SW. slope.

25.20 Wash, course S.

40.00 On gentle SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 35 S., R. 17 E.

SECTION

Chains

$$\frac{S\ 21}{S\ 28}$$

1931

from which

A pinon, 4 ins. diam., brs. N.23° 30'E., 27 lks. dist., marked "BT" only.

A pinon, 8 ins. diam., brs. S. 37° W., 22 lks. dist., marked $\frac{1}{4}$ S 28 B T.

- 52.00 Wash, course S.; gradual ascent over gentle SE. slope.
- 66.40 Trail, brs. NE. and SW.; Hide Out to Nook.
- 80.00 The cor. of secs. 20, 21, 28, and 29.

Land, rolling; drainage S.
 Soil, light rocky sandy clay loam, medium texture; 3rd rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.

N. 0° 03'W., bet. secs. 20 and 21.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend SE. slope.

- 5.25 Ridge, brs. NE. and SW.; descend NW. slope.
- 23.60 Draw, 120 ft. below ridge, course SW.; gradual ascent.
- 28.10 Spur, projects SW.; descend gentle NW. slope.
- 39.70 Rim of canyon, brs. NE. and SW.; abrupt descent over rocky NW. slope.
- 40.00 On rocky NW. slope, 20 ft. below rim of canyon.

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

$$\frac{S20}{S21}$$

 1931

from which

A juniper, 4 ins. diam., brs. N. 20° E., 46 lks. dist., marked "BT" only.

A juniper, 8 ins. diam., brs. N. 5° W., 70 lks. dist., marked $\frac{1}{4}$ S 28 B T.

- 46.80 Bottom of canyon, 115 ft. below $\frac{1}{4}$ sec. cor., course SW. ascend rocky SE. slope.
- 60.20 Rim of canyon, 155 ft. above bottom, brs. NE. and SW.; thence gradual ascent over rolling SE. slope.
- 74.30 Spur, 50 ft. above rim of canyon, projects W.; descend over gentle NW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

80.00

On gentle NW. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground and in mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T35S	R17E
S17	S16
S20	S21

1931

from which

- A pinon, 4 ins. diam., brs. N.23° 45'E., 30 lks. dist., marked "BT" only.
- A pinon, 3 ins. diam., brs. S.75° 30'E., 46 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. S. 86° W., 54 lks. dist., marked "BT" only.
- A pinon, 5 ins. diam., brs. N. 76° W., 39 lks. dist., marked "BT" only.

Land, rolling mountainous; drainage SW.
Soil, shallow, light rocky sandy clay loam, medium texture on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing land.

S. 89° 56'E., on random line bet. secs. 16 and 21.

40.00

Set temp. 1/4 sec. cor.

79.92

Intersect N. and S. line, 3 lks. N. of the cor. of secs. 15, 16, 21, and 22; thence

N. 89° 55'W.; on true line bet. secs. 16 and 21.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual descent over gentle SW. slope.

3.90

Trail, brs. NE. and SW.; Hide Out to Nook.

21.00

Head of draw, and rim of canyon, 90 ft. below sec. cor., draw drains NW., and rim of canyon, brs. NE. and SW.; ascend 80 ft.

30.30

Spur, projects NW.; descend rocky NW. slope .

39.96

On NW. slope 160 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bed rock and large mound of stone to top for 1/4 sec. cor., with brass cap marked

1/4 S 16
S 21

1931

from which

A pinon, 8 ins. diam., brs. S.78° 15'E., 34 lks. dist., marked 1/4 S 21 B T.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

continued

A pinon, 4 ins. diam., brs. N.26° 45'W., 77 lks. dist., marked "BT" only.

47.75 Bottom of canyon, 30 ft. below 1/4 sec. cor., course SW.; ascend rocky SE. slope.

55.90 Rim of canyon, 170 ft. above bottom, brs. NE. and SW.; continue ascent over SE. slope.

74.25 Spur, 40 ft. above rim of canyon, projects SW.; descend 25 ft. over NW. slope to

79.92 The cor. of secs. 16, 17, 20, and 21.

Land, mountainous; drainage SW. Soil, shallow, light rocky sandy clay loam, medium texture on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.

N. 0° 03'W., bet. secs. 16 and 17.

Over rolling mountainous land, through medium dense timber and undergrowth; ascend gentle SW. slope.

0.90 Small wash, course S. 70°W.

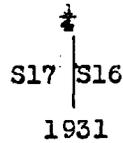
4.60 Spur, 25 ft. above sec. cor., projects S. 70°W.; descend NW. slope.

20.75 Rim of canyon, and top of ledge 5 ft. high, brs. NE. and SW.; descend rocky NW. slope over series of ledges.

26.35 Bottom of canyon, 200 ft. below spur, course SW.; ascend over rocky SE. slope.

40.00 On rocky SE. slope 100 ft. above bottom of canyon.

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



from which

A pinon, 6 ins. diam., brs. S.30° 45'E., 14 lks. dist., marked 1/4 S 16 B T.

A pinon, 4 ins. diam., brs. S.46° 15'W., 9 lks. dist., marked "BT" only.

47.50 Spur, 30 ft. above 1/4 sec. cor., projects E.; descend NE. slope.

53.40 Bottom of canyon, 85 ft. below spur, course SE.; ascend S. slope.

62.80 Rim of canyon, 155 ft. above bottom, brs. SE. and NW.; thence ascend over gentle SW. slope.

80.00 On gentle SW. slope 45 ft. above rim of canyon.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground to bed rock and in large mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T35S	R17E
S 8	S 9
917	S16

1931

from which

A pinon, 5 ins. diam., brs. N.22° 15'E., 198 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.70° 45'E., 51 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S. 55° W., 80 lks. dist., marked "BT" only. Tree too scrubby for additional markings.

A pinon, 4 ins. diam., brs. N. 71° W., 46 lks. dist., marked "BT" only.

Land, rolling mountainous with rocky slopes.
 Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.

S. 89° 55'E., on random line bet. secs. 9 and 16.

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

79.98 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 9, 10, 15, and 16; thence

N. 89° 52'W., on true line bet. secs. 9 and 16.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual descent along rolling N. slope.

24.20 Rim of canyon, and top of ledge, 60 ft. high, 95 ft. below sec. cor., brs. NE. and SW.; abrupt descent over series of ledges.

29.40 Bottom of canyon, 180 ft. below rim, course SW.; abrupt ascent over E. slope.

39.80 Spur, 110 ft. above bottom of canyon, projects SW.; descend

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

$\frac{1}{4}$ S 9
S 16

1931

from which

A pinon, 4 ins. diam., brs. S.10° 45'W., 9 lks. dist., marked "BT" only.

SUBDIVISION OF T. 35 S., R. 17 E.

entad

Chains	
	A juniper, 4 ins. diam., brs. N. 8° W., 28 lks. dist., marked "BT" only.
43.00	Rim of canyon, brs. NE. and SW.; abrupt descent over E. slope.
48.00	Bottom of canyon, 120 ft. below spur, course SW.; ascend over rocky SE. slope.
58.40	Rim of canyon, 200 ft. above bottom, brs. NE. and SW.; thence over rolling land.
75.20	Low spur, projects S.; descend 20 ft. over gentle W. slope.
79.98	The cor. of secs. 8, 9, 16, and 17.
	Land, mountainous with rocky slopes; drainage SW. Soil, shallow, light rocky sandy clay loam; medium texture on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.
	N. 0° 03' W., bet. secs. 8 and 9.
	Over rolling mountainous land, through medium dense timber and undergrowth; gradual ascent over gentle SW. slope.
12.60	Draw, course S. 30° W.
40.00	On SW. slope, 135 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 8 | S 9 1931
	from which
	A pinon, 8 ins. diam., brs. S. 46° 15' E., 50 lks. dist., marked $\frac{1}{4}$ S 9 B T.
	A pinon, 6 ins. diam., brs. S. 69° 15' W., 9 lks. dist., marked $\frac{1}{4}$ S 8 B T.
	Ascend steep rocky SW. slope.
45.10	Red sandstone ledge, 60 ft. high, brs. N. 10° E., and S. 10° W.
47.40	Point of rocky spur, 200 ft. above $\frac{1}{4}$ sec. cor., slopes SE.; descend broken and rocky NE. slope.
50.00	Red sandstone ledge, 60 ft. high, brs. SE. and NW.
62.40	Bend in bottom of draw, 140 ft. below point of spur, course SE., from the NE.; ascend along broken SE. slope over series of ledges.
74.10	Red sandstone ledge, 40 ft. high, brs. NE. and SW.
80.00	On rim and ledge, 40 ft. high, 280 ft. above draw, brs. NE. and SW.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground to bed rock and in large mound of stone to top, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T35S	R17E
S 5	S 4
S 8	S 9

1931

from which

A pinon, 8 ins. diam., brs. N.11° 15'E., 14 lks. dist., marked T 35 S R 17 E S 4 B T.

A juniper, 4 ins. diam., brs. S. 42° W., 23 lks. dist., marked "BT" only.

A pinon, 7 ins. diam., brs. N.59° 18'W., 32 lks. dist., marked T 35 S R 17 E S 5 B T.

No suitable bearing tree available in sec. 9.

Land, mountainous with rocky slopes on N. portion.
Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

S. 89° 52'E., on random line bet. secs. 4 and 9.

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

80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 3, 4, 9, and 10; thence

N. 89° 56'W., on true line bet. secs. 4 and 9.

Over rolling land, through medium dense timber and undergrowth.

20.70 Draw, course SW.

40.00 On gentle SW. slope.

Set an iron post, 5 ft. long, 1 in. diam., 29 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 4
	S 9

1931

from which

A juniper, 3 ins. diam., brs. S.41° 30'E., 35 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N. 23° W., 39 lks. dist., marked "BT" only.

Ascend rocky SE. slope.

54.00 Red sandstone ledge, brs. NE. and SW.

57.80 Spur, 250 ft. above $\frac{1}{4}$ sec. cor., projects S. about 3.00 chs. dist.; descend.

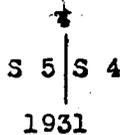
SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 63.40 Small draw, course S.; ascend.
 - 66.60 Spur, projects S.10°W., about 10.00 chs. dist.; descend slope.
 - 73.20 Red ledge, brs. NE. and SW.
 - 74.95 Bottom of draw, 200 ft. below spur, course S.; ascend SE slope.
 - 76.50 Red sandstone ledge, brs. NE. and SW.
 - 80.00 The cor. of secs. 4, 5, 8, and 9, 100 ft. above draw.
- Land, rolling and mountainous with rocky slopes.
 Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.

N. 0° 06'E., on random line bet. secs. 4 and 5.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 80.12 Intersect N. bdy. of Tp., 12 lks. E. of the cor. of secs 4, 5, 32, and 33, heretofore described; thence S.0° 01'W., on true line bet. secs. 4 and 5.
- Over broken mountainous land, through medium dense timber and undergrowth; ascend NE. slope.
- 9.00 Ridge, brs. NW. and SE., 130 ft. above sec. cor., descend SW. slope.
 - 12.10 Draw, 60 ft. below ridge, course SW.; ascend N. slope.
 - 19.75 Point of spur, 65 ft. above draw, slopes W.; descend SE. slope.
 - 36.40 Draw, 250 ft. below point of spur, course SW.; ascend.
 - 40.12 On SW. slope.
- Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 8 ins. diam., brs. N. 21° E., 47 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A juniper, 6 ins. diam., brs. S. 37° 45' W., 95 lks. dist., marked $\frac{1}{4}$ S 5 B T.

- 42.30 Small draw, course W.; ascend.
- 47.60 Spur, projects S. from the NE; thence along top of spur

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 55.60 Leave top of spur, projects SW. from N.; descend along E. side of top.
- 73.00 Top of same spur, 60 ft. below 55.60 chs. point, projects south from N. 10° W.; thence along top of spur.
- 78.20 Descend SE. slope, leaving top of spur, projects SW. from N.
- 80.12 The cor. of secs. 4, 5, 8, and 9, 15 ft. below spur. Land, mountainous; drainage SW. Soil, shallow rocky sandy clay loam, medium texture on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.

From the standard cor. of secs. 31 and 32, on S. bdy. of Tp., as described in the field notes of survey of 7th Stan. Par. S., through R. 17 E.; thence

N. 0° 03' W., bet. secs. 31 and 32.

Over gentle rolling mountainous land, through medium dense timber and undergrowth; gradual ascent over SE. slope.

- 3.70 Leave timber, enter open park, brs. W. and W.
- 13.00 Trail, brs. NE. and SW.; Hide Out to Nook.
- 18.40 Leave park, enter medium dense timber, brs. E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



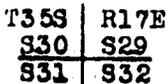
from which

A pinon, 8 ins. diam., brs. N. 20° 30' E., 38 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A pinon, 7 ins. diam., brs. S. 26° 45' W., 52 lks. dist., marked $\frac{1}{4}$ S 31 B T.

Ascend rocky S. slope.

- 61.35 Red sandstone ledge, 60 ft. high, brs. NE. and SW.
- 72.10 Top of island spur, 485 ft. above $\frac{1}{4}$ sec. cor., projects SW. from the NE.; descend over gentle NW. slope.
- 80.00 On gentle NW. slope, 30 ft. below top of spur. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 29, 30, 31, and 32, with brass cap marked



1931

from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

A pinon, 3 ins. diam., brs. N.30° 30'E., 74 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S.44° 45'E., 76 lks. dist., marked "BT" only.

A juniper, 4 ins. diam., brs. S.46° 45'W., 46 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N.32° 45'W., 29 lks. dist., marked "BT" only.

Land, rolling and mountainous; rocky slopes on N. portion. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.

Timber, scrub pinon and juniper.

Undergrowth, sagebrush, buckbrush and mountain rush.

Scattered growth of grass. Fair grazing.

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

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

80.08 Intersect N. and S. line, 7 lks. S. of true point for cor. of secs. 28, 29, 32, and 33, which is S.0° 03'E., 0.38 chs. dist. from witness cor. to sec. cor.; thence S. 89° 57'W., on true line bet. secs. 29 and 32.

Over mountainous land, through medium dense timber and undergrowth; ascend SE. slope.

1.80 Spur, 20 ft. above point for sec. cor., projects S.; ascend.

4.60 Head of draw, course SE.; ascend.

9.70 Top of low ridge, brs. NE. and SW.; gradual descent over gentle SW. slope.

17.70 Draw, 20 ft. below ridge, course S. 10° W.; ascend.

22.40 Low sandy spur, 10 ft. above draw, projects S.; thence over gentle SW. slope.

36.35 Trail, brs. NE. and SW.; Hide Out to Nook.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 29}{S\ 32}$

1931

from which

A pinon, 4 ins. diam., brs. N. 83° E., 70 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. S.83° 30'W., 32 lks. dist., marked $\frac{1}{4}$ S 32 B T.

53.00 Draw, course SW.; ascend over rocky SE. slope.

59.80 Base of red sandstone ledge, brs. N.10°E., and S.10°W.; abrupt ascent over ledges.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains	
61.80	Top of ledge, 60 ft. high, brs. N.10°E., and S.10°W.; continue ascent over rocky SE. slope.
62.00	Top of island spur, 265 ft. above draw, projects SW. from NE.; descend over gentle NW. slope.
76.10	Draw, course N.
80.08	The cor. of secs. 29, 30, 31, and 32, 50 ft. below top of spur.
	<p>Land, rolling and mountainous; drainage SW. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.</p>
	<p style="text-align: center;">-----</p> <p>West, on random line bet. secs. 30 and 31.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect W. bdy. of Tp., 12 lks. N. of the cor. of secs. 25, 30, 31, and 36; heretofore described; thence
	N. 89° 55'E., on true line bet. secs. 30 and 31.
	Over rolling mountainous land, through medium dense timber and undergrowth; gradual ascent over gentle W. slope.
9.90	Draw, course SW.
26.25	Low spur, 85 ft. above sec. cor., projects S.40°W.; thence over nearly level land.
39.86	On surface rock, mark a cross (X) over which
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{l} S 30 \\ \hline S 31 \end{array}$
	1931
	from which
	A pinon, 4 ins. diam., brs. S.38° 30'W., 41 lks. dist., marked "BT" only.
	A pinon, 4 ins. diam., brs. N. 42° W., 70 lks. dist., marked "BT" only.
50.90	Head of canyon, course SW.; ascend rocky W. slope.
78.00	Red sandstone ledge, 60 ft. high, brs. NE. and SW.
79.86	The cor. of secs. 29, 30, 31, and 32, 430 ft. above $\frac{1}{4}$ sec. cor.
	<p>Land, rolling and mountainous; drainage SW. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.</p>

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

erianD

N. 0° 03'W., bet. secs. 29 and 30. about 100 ft. 29.18

Over broken mountainous land, through medium dense timber and undergrowth; descend rocky NW. slope.

1.80 Red sandstone ledge, 60 ft. high, brs. NE. and SW.

5.00 Draw, course NW.

8.00 Spur, projects W.; descend.

10.90 Draw, 225 ft. below sec. cor., course W.; ascend.

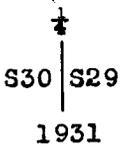
17.15 Spur, 80 ft. above draw, projects W.; about 80.00 chs. desc. descend rocky NW. slope.

30.00 Small draw, 90 ft. below spur, course W.; ascend SW. slope

38.40 Low spur, 15 ft. above draw, projects W.; descend over gentle NW. slope.

40.00 On gentle NW. slope, 15 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground for 1/4 sec. cor., with brass cap marked



from which

A pinon, 8 ins. diam., brs. S.31° 30'E., 95 lks. dist., marked 1/4 S 29 B T.

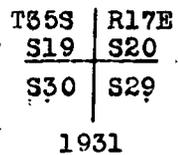
A pinon, 5 ins. diam., brs. N.40° 30'W., 24 lks. dist., marked 1/4 S 30 B T.

42.00 Draw, course W.; gradual ascent over SW. slope.

50.10 Spur, 15 ft. above draw, projects W.; gradual descent over NW. slope over surface rock.

70.00 Head of small canyon, 50 ft. below spur, course S. 80°W. thence over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 19, 20, 29, and 30, with brass cap marked



from which

A pinon, 7 ins. diam., brs. N. 46° E., 85 lks. dist., marked T 35 S R 17 E S 20 B T.

A pinon, 4 ins. diam., brs. S.37° 15'E., 14 lks. dist., marked "BT" only.

A pinon, 8 ins. diam., brs. S.5° 45'W., 35 lks. dist., marked T 35 S R 17 E S 30 B T.

A pinon, 9 ins. diam., brs. N. 13° W., 138 lks. dist., marked T 35 S R 17 E S 19 B T.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

Land, mountainous; drainage W.
Soil, shallow rocky sandy clay loam, medium texture;
3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Medium growth of grass. Good grazing.

East, on random line bet. secs. 20 and 29.

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

58.37 Line to the E., crosses over high vertical ledges of spur, over which it is impracticable to extend line, therefore to pass ledges and point of spur, I traverse as follows:-

N. 67° 00'E., 10.05 chs. dist.; thence
N. 84° 06'E., 12.53 chs., dist.; thence
S. 0° 03'E., 5.22 chs. dist. to

80.10 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28 and 29; thence

N. 89° 58'W., on true line bet. secs. 20 and 29.

Ascend steep and rocky SE. slope over mountainous land, through medium dense timber and undergrowth.

5.00 Top of red sandstone ledge, 60 ft. high, brs. NW. and SE.;

12.50 Point of high rocky spur, 450 ft. above sec. cor., breaks off to the NE., projects SW.; abrupt descent.

17.00 Top of red sandstone ledge, brs. NE. and SW.

40.05 On W. slope.

Set a sandstone, 18 x 12 x 6 ins., 12 ins. in the ground, marked $\frac{1}{4}$ on N. face, for $\frac{1}{4}$ sec. cor., from which

A pinon, 3 ins. diam., brs. N. 65° 40'E., 81 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 75° W., 48 lks. dist., marked "BT" only.

No iron post available for use to monument this cor.

Descend over broken W. slope.

53.90 Draw, 130 ft. below $\frac{1}{4}$ sec. cor., course S. 80° W.; thence over a gentle NW. slope.

80.10 The cor. of secs. 19, 20, 29, and 30.

Land, mountainous with steep broken slopes; drainage SW.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd and 4th rate.

Timber, scrub pinon and juniper.

Undergrowth, sagebrush, buckbrush and mountain rush.

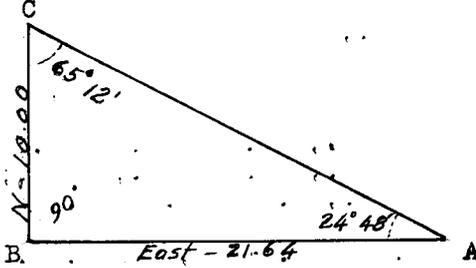
Scattered growth of grass. Fair grazing.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

West, on random line bet. secs. 19 and 30.

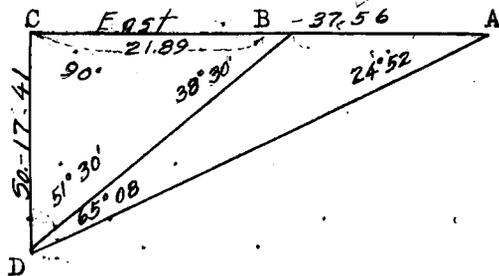
14.16 From this point line crosses canyons rimmed by sandstone ledges over which chaining is impracticable, therefore to determine dist. I designate this point "A", and set flag "B" on line to the W., on point of spur. There being no suitable place for base line from this point, I proceed to flag "B", and with the telescope sighted on flag "A", deflect an angle of 90° to the left, and measure base line, N. 10.00 chs. dist. to "C". The angle subtended at flag "C" is 65° 12'; the angle subtended at flag "A" is 24° 48'. All angles checked by three repetitions with no closing error.



Distance by chaining	-----	14.16 chs.
Distance by triangulation	-----	21.64 "
Total distance	-----	35.80 chs.

40.00 Set. temp. ¼ sec. cor.

42.24 Line from this point crosses deep canyon over vertical ledges over which chaining is impracticable, therefore to determine the distance, I set flag "A" at this point, and set flag "B" west on line on point of spur, and flag "C", W. on line N. of the cor. of secs. 19, 24, 25, and 30. There being no suitable place for a base line from this point, I proceed to flag "C", and with the telescope sighted on flag "A", deflect an angle of 90° to the right, then measure base line S., 17.41 chs. dist to flag "D". From flag "D", the angle subtended to flag "A", is 65° 08'; the angle subtended to flag "B", is 51° 30'. From flag "A", the angle subtended is 24° 52'; from flag "B", the angle subtended is 38° 30'. All angle checked by three repetitions with no closing error.



Dist. along line to tri. point	-----	42.24 chs.
Dist. by triangulation	-----	37.56 "
Total distance	-----	79.80 "

79.80 Intersect W. bdy. of Tp., 21 lks. N. of the cor. of secs 19, 24, 25, and 30, heretofore described; thence

N. 89° 51'E., on true line bet. secs. 19 and 30.

Over rough and broken mountainous land, through medium dense timber and undergrowth; descend gentle E. slope.

2.80 Rim of canyon, and top of ledge, 200 ft. high, hrs. N. & S.; abrupt descent into canyon, over ledges.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 10.00 Approximate dist. to bottom of canyon, course SW., about 3.00 chs. dist. to junction with canyon from the W.; abrupt ascent over sandstone ledges.
- 21.89 Dist. by triangulation, point of sandstone spur, projects from the NE.; abrupt descent over sandstone ledges.
- 31.00 Approximate dist.; bottom of canyon, course SW.; abrupt ascent over ledges.
- 36.00 Rim of canyon, and top of ledges, brs. NE. and SW.;
- 37.00 Top of spur, projects SW., about 3.00 chs.; descend.
- 39.80 On surface rock, mark a cross (X) over which
 . Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 19 \\ \frac{1}{4} \\ S\ 30 \end{array}$$

1931

from which

A juniper, 4 ins. diam., brs. S.14° 30'W., 73 lks. dist., marked "BT" only.

A pinon, 3 ins. diam., brs. N.20° 30'W., 32 lks. dist., marked "BT" only.
- 43.80 Rim of canyon, and top of ledge, 200 ft. high, brs. NE. and SW.; abrupt descent over ledges.
- 63.00 Approximate dist.; bottom of canyon, course SW.; abrupt ascent over ledges.
- 65.64 Rim of canyon, and top of ledge, 70 ft. high, brs. NE. and SW.; ascend over rolling W. slope.
- 79.80 The cor. of secs. 19, 20, 29, and 30, 80 ft. above rim of canyon.

Land, mountainous; cut by deep canyons with walls of sandstone; drainage SW.
 Soil, shallow rocky sandy clay loam and barren surface rock; 3rd and 4th rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Poor grazing.

N. 0° 03'W., bet. secs. 19 and 20.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual ascent over rocky SW. slope.

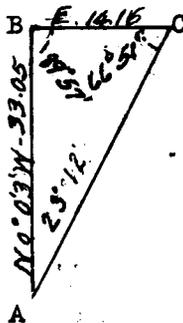
- 6.90 Rim of canyon, brs. NE. and SW.; from this point line crosses canyon over vertical ledges over which chaining is impracticable.. To determine dist. across canyon, I return to sec. cor., which I designate "A", and set flag "B", on line N. 0° 03'W. There being no suitable place for base line from sec. cor., I proceed to flag "B", and with the telescope sighted on point "A", deflect an angle of 89° 57' to the left; and measure base line, E., 14.16 chs. dist. to flag "C". From flag "C" the angle subtended

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

ent 100

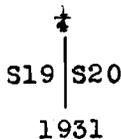
is 66° 51'; from "A", the angle subtended is 23° 12'. All angles checked by three repetitions with no closing error



Distance by triangulation ----- 33.05 chs.

- 22.00 Approximate dist.; bottom of canyon, course SW.; abrupt ascent over ledges.
- 29.00 Approximate dist.; rim of canyon, and top of ledges, brs. NE. and SW.; thence over gentle SW. slope.
- 33.05 Point of triangulation.
- 40.00 On gentle SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock and in large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



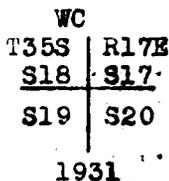
from which

A pinon, 4 ins. diam., brs. N.60° 30'E., 27 lks. dist.; marked "BT" only.

A pinon, 3 ins. diam., brs. N.59° 30'W., 19 lks. dist., marked "BT" only.

- 52.60 Low spur, projects W.; descend 30 ft.
- 57.70 Draw, course W.; ascend gentle SW. slope.
- 73.10 Ledge, 20 ft. high, facing NW., 60 ft. above draw, brs. NE. and SW.; ascend 40 ft. to
- 78.50 On rim of canyon, and on ledge, brs. NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock and in large mound of stone to top for witness cor. to cor. of secs. 17; 18, 19, and 20, with brass cap marked



from which

A pinon, 4 ins. diam., brs. N.25° 30'E., 18 lks. dist., marked "BT" only.

SUBDIVISION OF T.35 S., R. 17 E.

Chains

- A juniper, 3 ins. diam., brs. S. 7° 15'E., 65 lks. dist., marked "BT" only.
- A pinon, 4 ins. diam., brs. S. 15° W., 35 lks. dist., marked "BT" only.

No suitable bearing tree available to the NW.

Abrupt descent over ledges.

80.00 True point for cor. of secs. 17, 18, 19, and 20, falls on face of ledge, where it is impracticable to set cor. monument.

Land, mountainous cut by deep canyons with slopes broken by ledges.
 Soil, shallow rocky sandy clay loam and barren surface rock; 3rd and 4th rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing..

From the witness cor. to cor. of secs. 17, 18, 19, and 20, which is S. 0° 03'E., 1.50 chs. dist from true cor. point.

S. 89° 58'E., on offset line through sec. 20.

. 2.34 Offset N. 0° 03'W., 1.50 chs. dist. to random line bet. secs. 17 and 20; thence

S. 89° 58'E., on random line bet. secs. 17 and 20, with dist. counted from point for cor. of secs. 17, 18, 19, and 20.

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

80.18 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 16, 17, 20, and 21; thence

N. 89° 53'W., on true line bet. secs. 17 and 20.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual descent over W. slope.

1.00 Small wash, drains S. 70° W.

7.30 Rim of canyon, brs. NE. and SW.; abrupt descent.

19.60 Bottom of canyon, 380 ft. below sec. cor., course SW.; abrupt ascent.

26.60 Rim of canyon, brs. NE. and SW.; gradual ascent over rolling SE. slope.

32.20 Low spur, 180 ft. above canyon, projects S.; gradual descent over SW. slope.

40.09 On gentle SW. slope 20 ft. below spur.

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



1931

from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains	
	<p>A pinon, 4 ins. diam., brs. N. 20° 45' E., 28 lks. dist., marked "BT" only.</p> <p>A pinon, 3 ins. diam., brs. S. 35° 15' W., 62 lks. dist., marked "BT" only.</p>
45.45	Draw, 20 ft. below $\frac{1}{4}$ sec. cor., course SW.; gradual ascent over SE. slope.
53.25	Sandy spur, 20 ft. above draw, projects S. 30° W.; descend over rocky SW. slope.
77.84	Rim of canyon, 100 ft. below spur, and ledge, 20 ft. high brs. NE. and SW.; abrupt descent over ledge.
80.18	True point for cor. of secs. 17, 18, 19, and 20, on face of ledge, which is N. 0° 03' W., 1.50 chs. from wit. cor. to sec. cor.
	<p>Land, rolling mountainous, broken by canyons with rocky slopes..</p> <p>Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.</p> <p>Timber, scrub pinon and juniper.</p> <p>Undergrowth, sagebrush, buckbrush, and mountain rush.</p> <p>Scattered growth of grass.. Fair grazing.</p>
	<p>From witness cor. to cor. of secs. 17, 18, 19, and 20.</p> <p>S. 89° 51' W., on offset line through sec. 19.</p>
4.34	Offset N. 0° 03' W., 1.50 chs. to random line bet. secs. 18 and 19; thence
	S. 89° 51' W., on random line bet. secs. 18 and 19, with measurement counted from true point for sec. cor.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs. 13, 18, 19, and 24, heretofore described; thence
	N. 89° 53' E., on true line bet. secs. 18 and 19.
	Over rolling mountainous land, through medium dense timber and undergrowth; gradual ascent over SW. slope.
3.80	Low spur, 15 ft. above sec. cor., projects S. 10° W.; descend.
5.40	Rim of canyon, and top of ledge, 20 ft. high, brs. S. 10° and N. 10° E.; abrupt descent..
10.75	Bottom of canyon, course S. 10° W.; ascend.
13.35	Rim of canyon, and top of ledge, 20 ft. high, brs. S. 10° and N. 10° E.; gradual ascent over SW. slope.
39.80	On SW. slope, 95 ft. above rim of canyon..
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<p>S 18</p> <hr style="width: 50px; margin: auto;"/> <p>$\frac{1}{4}$</p> <p>S 19</p>
	1931
	from which

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

69.20 A pinon, 8 ins. diam., brs. N.28° 30'E., 78 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A pinon, 7 ins. diam., brs. S.41° 15'E., 31 lks. dist., marked $\frac{1}{4}$ S 19 B T.

69.20 Low spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects SW.; descend

75.80 Rim of canyon, and top of ledge, 75 ft. high, 50 ft. below spur, brs. NE. and SW.; abrupt descent.

77.80 Bottom of canyon, 75 ft. deep, course SW.; ascend over ledges.

79.80 True point for cor. of secs. 17, 18, 19, and 20, on face of ledge, N.0° 03'W., 1.50 chs. dist. from wit. cor. to sec. cor.

Land, mountainous, cut with canyons with slopes broken by ledges and sandstone outcrops.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

From true point for cor. of secs. 17, 18, 19, and 20. N. 0° 03'W., bet. secs. 17 and 18.

Over rough and broken mountainous land, through medium dense timber and undergrowth; descend over ledges.

0.95 Bottom of canyon, course W.; abrupt ascent over ledges.

7.25 Rim of canyon, and top of ledge, 40 ft. above bottom, brs. E. and W.; thence over rolling land.

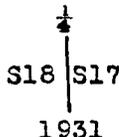
11.50 Spur, and rim of canyon, 20 ft. high, brs. NE. and SW.; thence along rocky W. slope on E. side of canyon.

28.40 Spur, projects W.; descend over gentle NW. slope.

38.95 Wash, course SW.; ascend SW. slope.

40.00 On gentle SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 8 ins. diam., brs. N.81° 30'E., 68 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A juniper, 9 ins. diam., brs. S.38° 30'W., 38 lks. dist., marked $\frac{1}{4}$ S 18 B T.

48.25 Ledge, 15 ft. high, brs. E. and W.; ascend over S. slope.

76.60 Red sandstone ledge, 200 ft. high, brs. W. and NE.

80.00 On S. slope, 370 ft. above $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground to bed rock and in mound of stone to top, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T35S	R17E
S 7	S 8
S18	S17

1931

from which

A pinon, 12 ins. diam., brs. N. 4° E., 98 lks. dist., marked T 35 S R 17 E S 8 B T.

A pinon, 3 ins. diam., brs. S. 83° 30' E., 25 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. S. 30° 15' W., 55 lks. dist., marked "BT" only.

A juniper, 3 ins. diam., brs. N. 51° 30' W., 66 lks. dist., marked "BT" only.

Land, mountainous with rough slopes broken by ledges and outcrops.
Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd and 4th rate.
Timber, scrub pinon and juniper.
Undergrowth, sagebrush, buckbrush and mountain rush.
Scattered growth of grass. Fair grazing.

S. 89° 53' E., on random line bet. secs. 8 and 17.

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

80.04 Intersect the cor. of secs. 8, 9, 16, and 17; thence N. 89° 53' W., on true line bet. secs. 8 and 17.

Over rolling mountainous land, through medium dense timber and undergrowth; gradual descent over W. slope broken by surface rock.

13.80 Draw, 20 ft. below sec. cor., course S. 20° E.; ascend gentle E. slope.

25.00 Low spur, 35 ft. above draw, projects S.; descend W. slope

40.02 On W. slope, 15 ft. below spur.

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

$\frac{1}{4}$ S 8
S. 17

1931

from which

A pinon, 6 ins. diam., brs. N. 35° E., 105 lks. dist., marked $\frac{1}{4}$ S 8 B T.

A pinon, 5 ins. diam., brs. S. 62° W., 84 lks. dist., marked $\frac{1}{4}$ S 17 B T.

SUBDIVISION OF T. 20 S., R. 27 E. 12

Chains	marked
52.00	Spur, 40 ft. above $\frac{1}{4}$ sec. cor., projects S. to descend rock SE. slope
57.75	Red sandstone ledge, 60 ft. high, brs. S. and NE.
67.90	Bottom of draw, 345 ft. below spur, course S. 10° W.; ascend rocky SW. slope.
74.90	Red sandstone ledge, 70 ft. high, brs. E. and SE.; ascend gentle SW. slope.
79.70	The cor. of secs. 7, 8, 17, and 18, 220 ft. above draw.
	land, mountainous with slopes broken by rock outcrops. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd. rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over rolling mountainous land, through medium dense timber and undergrowth; ascend rocky SW. slope.
18.00	Top of spur, 140 ft. above sec. cor., projects NE.; descend along NE. slope.
31.75	Draw, 20 ft. below spur, course E.; ascend SE. slope.
35.50	Ridge, 25 ft. above draw, brs. NE. and SW.; descend NW. slope.
40.00	On NW. slope, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \dagger \\ | \\ S \ 7 \ | \ S \ 8 \\ | \\ 1931. \end{array}$
	from which
	A pinon, 8 ins. diam., brs. S. 14° 45' E., 44 lks. dist., marked $\frac{1}{4}$ S 8 B T.
	A pinon, 4 ins. diam., brs. E. 74° 30' W., 23 lks. dist., marked "BT" only.
47.10	Red sandstone ledge, 60 ft. high, brs. E. and W.; abrupt descent over rocky NW. slope.
64.00	Ledge, 15 ft. high, brs. E. and W.;
66.10	Bottom of canyon, 370 ft. below $\frac{1}{4}$ sec. cor., course W.; ascend rocky S. slope.
69.00	Rim of canyon, and top of ledge, 20 ft. high, 40 ft. above bottom of canyon, brs. E. and W.; gradual ascent over gentle SW. slope.
80.00	On gentle SW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

the ground to bed rock and in mound of stone to top, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T35S	R17E
S 6	S 5
S 7	S 8

1931

from which

A pinon, 4 ins. diam., brs. N.38° 17'E., 48 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. S. 17° E., 32 lks. dist., marked T 35 S R 17 E S 8 B T.

A pinon, 3 ins. diam., brs. S. 34° W., 36 lks. dist., marked "BT" only.

A pinon, 4 ins. diam., brs. N.74° 30'W., 13 lks. dist., marked "BT" only.

Land, mountainous with rocky slopes broken by rock outcrop. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate. Timber, scrub juniper and pinon. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.

S. 89° 53'E., on random line bet. secs. 5 and 8.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 4, 5, 8, and 9; thence

N. 89° 55'W., on true line bet. secs. 5 and 8.

Over mountainous land, through medium dense timber and undergrowth; ascend E. slope.

1.00 Spur, 5 ft. above sec. cor., projects SW.; descend SW. slope.

8.60 Draw, 60 ft. below spur, course S.; ascend SE. slope.

25.35 Spur, 25 ft. above draw, projects SW.; descend rocky SW. slope.

33.60 Draw, 80 ft. below spur, course SW.; ascend SE. slope.

40.07 On SE. slope, 20 ft. above draw.

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

S 5
S 8

1931

from which

A juniper, 4 ins. diam., brs. N.23° 15'E., 24 lks. dist., marked "BT" only.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains	
	A pinon, 4 ins. diam., brs. S. 8° 15'E., 26 lks. dist., marked "BT" only.
43.30	Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects SW.; descend a W. slope.
50.60	Ridge, brs. NE. and SW.
52.00	Red sandstone ledge, 60 ft. high, brs. NE. and SW.; abrupt descent over W. slope.
60.00	Head of draw, 530 ft. below spur, course SW.; descend along S. slope.
80.14	The cor. of secs. 5, 6, 7, and 8. Land, mountainous; rough and broken slopes. Soil, shallow rocky sandy clay loam, medium texture, on sandstone strata; 3rd rate. Timber, scrub pinon and juniper. Undergrowth, sagebrush, buckbrush and mountain rush. Scattered growth of grass. Fair grazing.
	—————
	S. 89° 58'W., ch random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.56	Intersect W. bay. of Tp., 3 lks. S. of the cor. of secs. 1, 6, 7, and 12, heretofore described; thence N. 89° 59'E., on true line bet. secs. 6 and 7. Over rolling mountainous land, through medium dense timber and undergrowth; ascend SW. slope.
0.50	Top of ledge, 10 ft. high, brs. NW. and SE.; thence ascend over gentle SW. slope.
11.00	Small draw, course S. 60°W.
31.60	Rim of canyon and top of ledge, brs. SE. and SW.; continue over gentle SW. slope.
39.56	On gentle SW. slope, 130 ft. above sec. cor. On surface rock mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S 6}{S 7}$ 1931 from which A pinon, 6 ins. diam., brs. N. 45° E., 70 lks. dist., marked $\frac{1}{4}$ S 6 B T. A pinon, 6 ins. diam., brs. S. 80° 30'E., 37 lks. dist., marked $\frac{1}{4}$ S 7 B T.
46.75	Low spur, projects S.; gradual descent over SE. slope.
61.00	Small draw, course S.; ascend SW. slope.

SUBDIVISION OF T. 35 S., R. 17 E.

Chains

- 79.56 The cor. of secs. 5, 6, 7, and 8, 35 ft. above draw.
 Land, rolling mountainous.
 Soil, shallow rocky sandy clay loam; medium texture, on sandstone strata; 3rd rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.
-
- N. 0° 01'E., on random line bet. secs. 5 and 6.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Intersect N. bdy. of Tp., 3 lks. W. of the cor. of secs. 5, 6, 31, and 32, heretofore described; thence
 S. 0° 02'W., on true line bet. secs. 5 and 6.
 Over rolling mountainous land, through medium dense timber and undergrowth; gradual descent along W. slope.
- 17.90 Draw, course W.; gradual ascent over gentle N. slope.
- 25.00 Low spur, projects W.; gradual descent over S. slope.
- 28.00 Draw, course W.; gradual ascent over N. slope.
- 35.75 Low spur, projects W.; gradual descent over SW. slope.
- 40.06 On gentle SW. slope.
 Set a sandstone, 18 x 16 x 12 ins., 6 ins. in the ground to bed rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which
 A pinon, 4 ins. diam., brs. S. 80° E., 17 lks. dist., marked "BT" only.
 A juniper, 3 ins. diam., brs. S. 52° W., 7 lks. dist., marked "BT" only.
- No iron post available for use to monument this $\frac{1}{4}$ sec. cor.
- 52.30 Draw, course W.; gradual ascent over gentle NE. slope.
- 69.20 Low ridge, brs. SE. and NW.; gentle descent over SW. slope.
- 80.06 The cor. of secs. 5, 6, 7, and 8.
 land, rolling mountainous; drainage W.
 Soil, shallow rocky sandy clay loam; medium texture, on sandstone strata; 3rd rate.
 Timber, scrub pinon and juniper.
 Undergrowth, sagebrush, buckbrush and mountain rush.
 Scattered growth of grass. Fair grazing.

FINAL OBSERVATIONS, T. 35 S., R. 17 E.

Sept. 29, 1931, at the cor. of Tps. 34 and 35 S., Rs. 17 and 18 E., in order to verify the alinement of the E. and N. bdys., I make an altitude observation of the sun, first setting on the sun's upper and right limbs, then after reversing the instrument, setting on the sun's lower and left limbs; the horizontal angles are measured

FINAL OBSERVATIONS, T. 35 S., R. 17 E.

Chains

from the sun to a flag on the east bdy., to the east.

Mean watch time of observation-----3h 15m p.m.
 Mean horizontal angle ----- 58° 37' 30"
 Mean vertical angle ----- 30° 47' 30"
 Reduced bearing of flag ----- S. 0° 00' 30" E.

As the course of the east boundary agrees within 0° 30" in alinement as determined by altitude observations of the sun, it indicates that the line has been carried forward acceptably.

From this meridian, with the instrument sighted to the S. I turn an angle of 90° 04' to the left to the tangent along the N. bdy.; the resulting course, N. 89° 56' E., agrees with the theoretical bearing at this point.

Frequent altitude observations of the sun were made during the progress of the survey, and all subdivisional lines were checked by deflection angles when closing on the boundaries of the township.

GENERAL DESCRIPTION, T. 35 S., R. 17 E.

The land in the township varies greatly in character. In the extreme east is the west edge of Elk Ridge, a high, nearly flat bench lying west of the Abajo Mountains. From the edge of this ridge are many long, narrow points projecting southwest and forming the upper end of the long ridges and spurs that extend into the lower land to the west. The slope between the ridge and the lower country is very steep and rugged, impassable, except for the two trails noted. The lower country, some fifteen hundred feet below the ridge, consists of rough, sandstone ridges and spurs, separated by box canyons, deeply incised into the country rock, and having vertical, and unscalable walls from fifty to two hundred feet high. Between the base of the spurs and ridges and the rim of the canyons may be found almost level benches from a few feet to a half a mile or more in width. The drainage is principally south west into tributaries of White Canyon, a narrow strip along the north section draining northerly into Dark Canyon. The soil on the benches and in some of the larger draws is a deep sandy to gravelly loam. In the smaller draws and on the slopes the soil becomes shallow and coarse and on the steeper slopes the sandstone bed rock is exposed. Throughout the township the soil is of second or third rate. In the higher elevations is a fairly dense growth of pine, pine and juniper. On top of Elk Ridge are a few yellow pine. As the lower elevations are reached the pinon gradually gives way to an increased number of juniper trees, in the canyon bottoms only the latter being found. The most predominant undergrowth is sagebrush, this being found in the entire township. In a lesser degree are buckbrush, mountain rush and mountain ash. On the benches between the spurs and the canyon rims grow bunch and sand grasses. In the more inaccessible spots this stand of grass is very abundant and furnishes excellent forage for stock. The land, because of its ruggedness is not suited for farming, but is used to a considerable degree for grazing. The canyon rims make convenient fences and require only short brush fences to keep the stock from straying. The only water encountered is in the bottom of the forks of Hideout Canyon, where an occasional small and intermittent seep is to be found. In the canyon bottoms and in some places on the rims, where the sandstone bed rock is exposed, are tanks or potholes, in which rain water accumulates after each storm. There are no settlers or habitations in or near the area surveyed.

GENERAL DESCRIPTION, T. 35 S., R. 17 E.

Chains

The trail from Hideout, a line camp of the Scorup-Sommerville Cattle Company, to the Nook and the lower White Canyon country cuts diagonally through the township in a southwesterly direction. A branch of this trail, and leading to "Horse Flats" in Dark Canyon cuts across the northeast corner. These two are the only paths of travel in the country. The short trail located in the southeast corner was constructed during the survey to provide a ready means of reaching that section. The Nook mentioned above is an overnight camp in a small nook just north of White Canyon in T. 36 S., R. 16 E. It has a good water supply and has been used by travelers for many years. No indications of any commercial deposits of mineral were noted.

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BOOK A-507

4-688
(August, 1938)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Richard M. Dockery	chainman
John Hunt	Chainman
Harold B. Nelson	cornerman
John Pehrson	flagmen
Kent Nielson	axeman
Edgar Hayes	chainman
Philander Maxwell	chainman
Oliver Capp	flagman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Emil Voigt, U.S. Cadastral Engineer, and Robert C. Yundt, U.S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Utah bearing date of the 25th day of June, 1927, we have well, faithfully, and truly in our 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 east, west and north boundaries, and subdivision of T. 35 S., R. 17 E.,

of the Salt Lake 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 Instructions, and the special written instructions of the District Cadastral Engineer for Utah

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

Reno, Nevada
December 13, 1934

Emil Voigt
U.S. Cadastral Engineer
Robert C. Yundt
U.S. Surveyor

APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colo., JUN 5 - 1940 19

The foregoing field notes of the survey of the east, west, and north boundaries, and the subdivision, of T. 35 S., R. 17 E.,

executed by Emil Voigt, U.S. Cadastral Engineer, and Robert C. Yundt, U.S. Surveyor, under his special instructions dated June 25, 1927, having been thoroughly examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

U.S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U.S. Supervisor of Surveys

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RECEIVED

JAN 31 1936

Department Of The Interior
Public Survey Office
Salt Lake City, Utah

BOOK A-507

FIELD NOTES

~~OFFICE SURVEY OF THE~~

RETRACEMENT OF

PORTION OF WEST BOUNDARY, AND

DEPENDENT RESURVEY OF

EAST BOUNDARY AND PORTION OF THE NORTH AND SOUTH BOUNDARIES,

AND PORTION OF THE SUBDIVISION, AND

THE SURVEY OF

PORTION OF THE SUBDIVISION

ALL OF

T. 14 S., R. 5 E.,

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Ralph Gentry, ~~U.S.~~ Cadastral Engineer, Andrew Nelson, ~~U.S.~~

Surveyor, and Wilson McConkie, ~~U.S.~~ Transitman

Under special instructions dated March 17, 1934, ~~which provided~~
and supplemental special instructions dated July 3, 1935, which provided
for the surveys and resurveys, and Resurveys, Group No. 258, bearing the approval of the

Commissioner of the General Land Office under date of March 26, 1934, and
July 20, 1935,

and assignment instructions dated July 17, 1934, and ~~is~~ supplemental
assignment instructions dated Aug. 13, 1934, and June 29, 1935.

Survey commenced July 19, 1934

Survey completed August 3, 1935

INDEX DIAGRAM.

Township 14 South, Range 5 East

	15	15	15	19	17	16		
20	6	5	4	57	3	45	2	33
								1
								10
					56		44	32
20	7	8	9	55	10	43	11	31
								12
								9
					54		42	20
20	18	17	16	53	15	41	14	28
								13
								7
21					52		40	27
				51		39		26
	19	20	21		22		28	24
								6
					50		38	25
				48	27	37	26	23
	20	29	28					25
								4
					47		36	23
				46	34	35	35	21
	21	22	23					20
								3
					14		13	12

DESCRIPTION AND TEST OF INSTRUMENTS
T. 14 S., R. 5 E., SALT LAKE MERIDIAN

Chains

Survey commenced July 19, 1934, and executed with Buff and Buff transit No. 9978, and Young & Sons transit No. 8569, used by Andrew Nelson, ~~U. S.~~ Surveyor, and Wilson McConkie, ~~U. S.~~ Transitman, respectively. Field work was discontinued Sept. 1, 1934, and resumed July 4, 1935, and executed with Buff and Buff transits Nos. 8028 and 9978, used by Ralph Gentry, ~~U. S.~~ Cadastral Engineer, and Andrew Nelson, ~~U. S.~~ Surveyor, respectively. Each instrument is equipped with a Smith solar attachment and full vertical circle; the horizontal limb of each transit is provided with two double verniers placed opposite to each other and read to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and the vertical circles. All azimuth determinations are accomplished with the solar attachment, except the special observations upon Polaris for meridians upon which to test the solar apparatus as stated in the field notes.

These instruments were approved for use on this survey by the district cadastral engineer for Utah, in assignment instructions dated July 17, 1934, and supplemental assignment instructions dated Aug. 13, 1934, and June 29, 1935, conditional upon satisfactory field tests.

The geographic position of the southeast corner of the township as determined through public land surveys from U. S. Coast & Geodetic Survey triangulation station, Indianola, located in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 29, T. 11 S., R. 5 E., is approximately as follows:- longitude, 111° 18' W., latitude 39° 33' N.

In 1934, this survey of T. 14 S., R. 5 E., was made in conjunction with the survey of T. 11 S., R. 5 E., Group No. 221, Utah, and for complete test of instruments see the field notes of the survey of T. 11 S., R. 5 E.

July 4, 1935, at camp located approximately in the center of sec. 18, T. 14 S., R. 5 E., approximate longitude 111° 24' W., latitude 39° 36' N., we examine the adjustments of the instruments and correct all errors. We, then, test the solar apparatus of each instrument by comparing their indications hourly with the true meridian established by Polaris observations as follows:-

At 9h 55m 9s a.m., l.m.t., using Buff and Buff transit No. 9978, we make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the deflection angle from a tree about 5 miles distant to the north on ridge, east to Polaris

Mean watch time of observation, which was corrected for 105th meridian time by comparison with a Western Union clock at Fairview, Utah, July 3, 1935,	10h 20m 45s a.m.
Azimuth of Polaris	0° 58.5' E.
Mean horizontal angle from tree E.	1° 08'
True bearing of tree	N. 0° 09.5' W.

Buff and Buff transit No. 9978.

July 4, 1935, at 10h 15m a.m., app. t., I set off 39° 36' N., on the lat. arc; 22° 56' N., on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

To verify the latitude of the station, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and

DESCRIPTION AND TEST OF INSTRUMENTS
T. 14 S., R. 5 E., SALT LAKE MERIDIAN

Chains

the transit of the sun's west limb, reversing the telescope and observing the altitude of the sun's upper limb and the transit of the sun's east limb:-

Mean observed altitude -----	73° 19'
Reduced latitude -----	39° 36' N.
Mean watch time of observation -----	12h 29m 49s p.m.
Watch fast of local mean time -----	0h 25m 40s.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian with the solar, the resulting reading of the declination arc is 22° 55' N., which agrees with the computed decl. of the sun.

At 4h 00m p.m., app. t., with the lat. arc unchanged, I set off 22° 55' N. on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

Buff and Buff transit No. 8028.

July 4, 1935, at 10h 15m a.m., app. t., I set off 39° 36' N. on the lat. arc; 22° 55' N. on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 22° 55' N., which agrees with the computed decl. of the sun.

At 4h 00m p.m., app. t., with the lat. arc unchanged, I set off 22° 55' N. on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

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

Conditions permitting, the arcs were tested daily by noon observations, and the meridional indications of the solar apparatus verified at frequent intervals throughout the survey.

The mean observed magnetic declination is 16° 30' E.

MEASUREMENTS

Unless otherwise specified all measurements were made with Lallie steel tapes 5 and 8 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape 1 chain long, and found correct. The measurements were made on the slope, and the vertical angle of each interval determined with the improved Keuffel and Esser clinometers in good adjustment and the slope measurements properly reduced to true horizontal distances, which are recorded in the field notes.

DEPENDENT RESURVEY OF

EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

DEPENDENT RESURVEY OF EAST BDY., T. 14 S., R. 5 E.

RANDOM LINES

From the cor. of Tps. 13 and 14 S., Rs. 5 and 6 E., hereinafter described

South along E. bdy. of T. 14 S., R. 5 E., making careful search for $\frac{1}{4}$ sec. and sec. cors., at intervals of 40 and 80 chains., and at 244.50 chains dist., fall 36 lks. E. of the cor. of secs. 13, 18, 19, and 24, hereinafter described.

The course of the N. 3 miles of the E. bdy. of T. 14 S., R. 5 E., therefore is N. 0° 05' E., and the proportionate length of each mile is 81.50 chs.

From the cor. of secs. 13, 18, 19, and 24,

South, along E. bdy. of Tp., making careful search for $\frac{1}{4}$ sec. and sec. cors. at intervals of 40 and 80 chs., and at 241.11 chs. fall 48 lks. W. of the cor. of Tps. 14 and 15 S., Rs. 5 and 6 E., hereinafter described.

The course of the S. 3 mile of the E. bdy. of Tp., therefore is N. 0° 07' W., and the proportionate length of each mile is 80.37 chs.

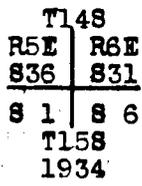
TRUE LINES

Reestablishment of surveys executed by A. D. Ferron, U.S. Deputy Surveyor, in 1872, and re-surveyed by A. J. Stewart, Jr. Deputy Surveyor. in 1875.

From the cor. of Tps. 14 and 15 S., Rs. 5 and 6 E., which is a sandstone, 18 x 12 x 8 ins., loosely set in the ground and old mound of stone, marked 6 notches on N., S., E., and W. edges.

At cor. point.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with original cor. monument deposited alongside, for the cor. of Tps. 14 and 15 S., Rs. 5 and 6 E., with brass cap marked



stone, 4 ft. base, 4 ft. high S. of cor. raise a mound of

Thence

N. 0° 07' W., bet. secs. 31 and 36.

Ascend S. slope over mountainous land, through medium dense undergrowth.

- 2.00 Forest Service road, brs. N. 40° W., and S. 40° E.
- 6.00 Ridge, and divide, 60 ft. above Tp. cor., brs. N. 25° W., and S. 25° E.; descend steep NE. slope, entering scattering timber, brs. with ridge.

DEPENDENT RESURVEY OF

EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

28.00 Foot of steep descent, 400 ft. below ridge, brs. N. 20°W. and S. 30°E.; thence over rolling NE. slope in bottom of cove.

40.18 Proportionate point.

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



1934 from which

A balsam, 24 ins. diam., brs. S. 51°E., 198 lks. dist marked $\frac{1}{4}$ S 31 B T.

A balsam, 12 ins. diam., brs. N. 25° 45'W., 69 lks. dist., marked $\frac{1}{4}$ S 36 B T.

41.60 Small wash in cove, course S. 80°E.

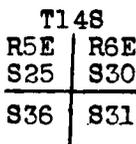
46.30 Stream of clear water, 2 lks. wide, 1 in. deep, in bottom of cove, heads about 12 ch. NW. and drains S. 70° E., 3 chs., thence easterly; ascend gradually over SE. slope.

52.00 Leave timber, brs. NE. and SW.

60.00 Abrupt ascent over S. slope, leaving cove, brs. N. 70°W., and S. 70°E.

80.37 Proportionate point, on gradual S. slope, 450 ft. above $\frac{1}{4}$ 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.



1934 raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.

Land, mountainous; easterly exposure and drainage. Soil, sandy mountain loam, rocky; 2nd and 3rd rate. Timber scattered balsam and Douglas fir on portion of mile. Undergrowth, sagebrush, wild currant, and goose berry; Medium to dense growth of weeds and grass. Good grazing.

Reestablishment of surveys executed by A. J. Stewart, Jr., U.S. Deputy Surveyor in 1875.

N. 0° 07'W., along W. bdy. of sec. 30.

Ascend gradual S. slope, over mountainous land, through medium undergrowth.

3.00 Enter balsam and Douglas fir timber, brs. NW. and SE.

4.50 Ridge, 25 ft. above sec. cor., brs. NW. and SE.; descend steep NE. slope.

11.00 Small seep, in head of draw, drains NE.

DEPENDENT RESURVEY OF
EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

18.00 Enter dense willows, and scattered timber, brs. NE. and SW.

23.00 Leave willows, brs. NE. and SW.

27.00 Base of steep descent, brs. NW. and SE.; thence descend gradual NE. slope in bottom of cove.

39.58 Point mid-way between the cor. of secs. 25, 30, 31, and 32, and the closing cor. of secs. 34 and 35.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 25 only, with brass cap marked.

†
S25

1934

from which

A Douglas fir, 8 ins. diam., brs. S.41° 45'W., 160 lks. dist., marked $\frac{1}{4}$ S 25 B T.

A Douglas fir, 8 ins. diam., brs. N.36° 45'W., 180 lks. dist., marked $\frac{1}{4}$ S 25 B T.

40.18 Proportionate point, in cove 330 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 30 only, with brass cap marked.

†
S30

1934

from which

A Douglas fir, 22 ins. diam., brs. N.76° 15'E., 46 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A Douglas fir, 10 ins. diam., brs. S.71° 15'E., 44 lks. dist., marked $\frac{1}{4}$ S 30 B T.

40.80 Stream of clear water, 5 lks. wide, 1 in. deep, in bottom of cove, course S. 70°E.; continue over nearly level bottom.

47.75 Small stream of clear water, 2 lks. wide, 1 in. deep, course S. 80°E.; ascend steep S. slope.

57.00 Leave fir timber, enter dense aspen, brs. E. and W.

63.00 Leave aspen timber. brs. E. and W.

67.50 Spur, 280 ft. above $\frac{1}{4}$ sec. cor., sec. 30, projects E.; descend steep N. slope.

74.00 Enter dense fir timber, brs. E. and W.

79.00 Leave timber, brs. N.20°E., and NW.

79.16 The closing cor. of secs. 24 and 25, hereinafter described

80.37 Proportionate point, at base of steep descent, 215 ft. below spur, brs. NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 19 and 30, only, with brass

DEPENDENT RESURVEY OF
EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

cap marked

T14S	T14S
R5E	R6E
S24	S19
	S30

1934

from which

A balsam, 14 ins. diam., brs. N. 51° 15' E., 61 lks. dist., marked T 14 S R 6 E S 19 B T.

A spruce, 22 ins. diam., brs. S. 58° 15' E., 112 lks. dist., marked T 14 S R 6 E S 30 B T.

Land, mountainous with easterly exposure and drainage. Soil, sandy clay loam, rocky; 2nd and 3rd rate. Timber, Douglas fir, balsam, aspen and scattered spruce on portions of mile. Undergrowth, scattered to medium growth of sagebrush and scattered wild currant and goose berry; medium growth of grass and weeds; good grazing land.

N. 0° 07' W., along W. bdy. of sec. 19.

Descend over rolling NE. slope over mountainous land, through medium undergrowth.

- 7.60 Old road, brs. N. 60° E., and S. 60° W.; enter medium growth of timber, brs. with road.
 - 12.00 Leave timber, brs. E. and W.
 - 13.40 Recross old road, brs. N. 20° W., and S. 20° E.
 - 17.90 Recross old road, brs. E. and W.
 - 21.25 Stream of clear water, 3 lks. wide, 1 in. deep, in ravine 180 ft. below sec. cor., course N. 50° E.; ascend over rolling SE. slope.
 - 23.10 Small spring branch, drains E.
 - 28.60 Small draw, course SE.; small spring brs. NW. about 15 lks.
 - 38.80 Point mid-way between the closing cor. of secs. 24 and 25 and the closing cor. of secs. 13 and 24.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 24 only, with brass cap marked

S24

1934

of stone, 2½ ft. base, 2 ft. high W. of cor. raise a mound

- 40.18 Proportionate point, on rolling SE. slope 225 ft. above ravine.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 19 only, with brass cap marked

DEPENDENT RESURVEY OF

EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains



S19

1934

raise a mound

of stone, 3 ft. base, 2 ft. high E. of cor.

- 42.00 Low spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects E.; descend over rolling N. slope.
- 55.40 Wash, 10 lks. wide, 3 ft. deep, in draw, 30 ft. below spur, course E.; ascend over rolling SE. slope.
- 62.00 Low spur, 50 ft. above draw, projects NE.; descend gentle N. slope.
- 67.20 High water line of small reservoir, brs. N. 60° E., and SW.; thence across reservoir; no water.
- 71.00 Bottom of reservoir and depression, 30 ft. below spur; W. edge of reservoir brs. W. about 7 chs., and dam on E. end of reservoir, brs. E. about 3.50 chs.
- 74.00 High water line of reservoir, brs. N. 60° W., and S. 60° E.; ascend S. slope.
- 78.82 The closing cor. of secs. 13 and 24, hereinafter described
- 80.37 The cor. of secs. 13, 18, 19, and 24, which is a sandstone, 14 x 11 x 4 ins., marked 3 notches and N. and S. edges, loosely set and unwitnessed. This cor is changed to refer to secs. 18 and 19 only.

At cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with original cor. monument set alongside, for the cor. of secs. 18 and 19, only, with brass cap marked

	T14S
T14S	S 18
R 5E	
S13	S19
	R6E

1934

raise a mound

of stone, 2 $\frac{1}{2}$ ft base, 2 ft. high E. of cor.

Land, mountainous with an easterly exposure and drainage. Soil, rich sandy clay loam; rocky; 2nd and 3rd rate. Timber, Douglas fir and balsam on portion of S. half mile. Undergrowth, medium growth of sagebrush and scattered goose berry and wild currant. Medium growth of grass and weeds; good grazing land.

N. 0° 05' E., along W. bdy. of sec. 18.

Ascend S. slope over rolling mountainous land, through medium dense undergrowth.

- 5.00 Spur, 25 ft. above sec. cor., projects S. 60° E.; descend steep N. slope.
- 14.00 Base of steep slope, 250 ft. below spur, brs. NW. and SE.; thence descend over rolling NE. slope.

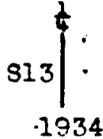
DEPENDENT RESURVEY OF

EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

38.46 Point mid-way between the closing cor. of secs. 13 and 24 and the closing cor. of secs. 13 and 13.

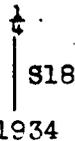
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 13 only, with brass cap marked



raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high W. of cor.

40.75 Proportionate point, on rolling NE. slope, 370 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 18 only, with brass cap marked



raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high E. of cor.

43.20 Draw, 20 ft. below $\frac{1}{4}$ sec. cor.; sec. 18, course NE.; thence along rolling E. slope; ascend gradually.

45.50 Small spring about 1 ch. W. of line; drains E.

50.00 Top of ascent 40 ft. above draw, slopes E.; descend over rolling NE. slope.

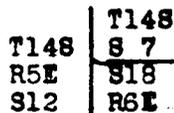
63.40 Stream of clear water, 4 lks. wide, 2 ins. deep, in ravine, 125 ft. below top of ascent, course NE. about 2 chs., thence SE.; ascend SW. slope, entering scattered aspen timber, brs. NW. and SE.

70.00 Leave aspen timber, brs. NE. and SW.

79.47 The closing cor. of secs. 12 and 13, hereinafter described

81.50 Proportionate point, on SW. slope 180 ft. above ravine.

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



1934

raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

Land, rolling mountains with an easterly exposure and drainage.

Soil, dark clay loam, rocky; 2nd and 3rd rate.

Timber, few aspen on portion of N. half mile.

Undergrowth, medium growth of sagebrush and scattered goose berry and currant.

Medium growth of grass and weeds; good grazing land.

DEPENDENT RESURVEY OF
EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

N. 0° 05'E., along W. bdy. of sec. 7.

Ascend SW. slope over rolling mountainous land, through medium dense undergrowth.

16.50 Small draw, course SW. about 8 chs. to junction with ravine draining southerly; ascend rolling S. slope.

28.00 Ridge and divide, 90 ft. above sec. cor., brs. E. and W.; thence along rolling E. slope along E. top of ridge from the N.

30.70 Road, constructed by Forest Service, brs. NE. and SW.

36.97 Point mid-way between the closing cor. of secs. 12 and 13, and the closing cor. of secs. 1 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 12 only, with brass cap marked.



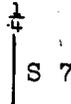
1934

of stone, 4 ft. base, 3 ft. high W. of cor. raise a mound

Cor. stands on gentle NE. slope on east side of top of ridge, brs. N. and S., and 10 lks. W. of road constructed by Forest Service, brs. N. and S.

40.75 Proportionate point, on E. side of top of ridge, brs. N. and S., and 30 lks. W. of road, brs. N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 7 only, with brass cap marked



1934

stone, 6 x 5 x 4 ins., marked with a cross (X) at base of post. deposit a sand-

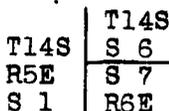
Continue along E. side of top of ridge.

76.97 The closing cor. of secs. 1 and 12, hereinafter described, on rolling top of ridge, brs. N. 10°E., and S.; descend over rolling NW. slope.

78.00 Enter medium dense aspen timber, brs. E. and NW.

81.50 Proportionate point, on rolling NW. slope on W. side of top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in mound of stone to top, for the cor. of secs. 6 and 7 only, with brass cap marked



1934

from which

DEPENDENT RESURVEY OF

EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

An aspen, 13 ins. diam., brs. N. 49° E., 83 lks.
dist., marked T 14 S R 6 E S 6 B T.

An aspen, 10 ins. diam., brs. S. 77° 45' E., 96 lks.
dist., marked T 14 S R 6 E S 7 B T.

Land, rolling mountainous with an easterly exposure.
Soil, dark rich clay loam, shallow and rocky; 2nd
and 3rd rate.
Timber, aspen on N. portion of N. half mile.
Undergrowth, medium growth of sagebrush and scattered
currant and goose berry.
Medium growth of grass and weeds; good grazing land.

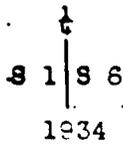
N. 0° 05' E., along W. bdy. of sec. 6.

Descend along W. slope, over mountainous land, through
medium dense timber, and undergrowth.

12.50 Leave timber, brs. N. and E.; thence along E. edge of
timber.

40.75 Proportionate point, on W. slope, 225 ft. below sec. cor.
and in E. edge of timber.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

An aspen, 10 ins. diam., brs. N. 44° 15' E., 50 lks.
dist., marked $\frac{1}{4}$ S 6 B T.

An aspen, 14 ins. diam., brs. S. 70° E., 24 lks.
dist., marked $\frac{1}{4}$ S 6 B T.

An aspen, 12 ins. diam., brs. N. 17° W., 135 lks.
dist., marked $\frac{1}{4}$ S 1 B T.

From this $\frac{1}{4}$ sec. cor., small spring of clear water, brs.
N. 21° W., 80 lks. dist.

56.50 Wash, 14 lks. wide, 4 ft. deep, course W.

56.80 Enter timber, brs. S. and E.

81.50 The cor. of Tps. 13 and 14 S., Rs. 5 and 6 E., which is
a sandstone, 20 x 19 x 3 ins., marked 6 notches on N., E.
S., and W. edges, firmly set, from which

An aspen, 15 ins. diam., brs. N. 84° E., 90 lks.
dist., marked T 13 S R 6 E S 31 B T.

An aspen, 30 ins. diam., brs. S. 33° E., 75 lks.
dist., marked T 14 S R 6 E S 6 B T.

An aspen, 14 ins. diam., brs. N. 87° 15' W., 200 lks.
dist., marked T 13 S R 5 E S 36 B T.

No evidence of the bearing tree in sec. 1 could be found.

I remonument this cor. as follows:-

DEPENDENT RESURVEY OF
EAST BOUNDARY OF T. 14 S., R. 5 E.

Chains

At cor. point..

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with original cor. monument deposited alongside, for cor. of Tps. 13 and 14 S., Rs. 5 and 6 E., with brass cap marked

T13S	
R5E	R6E
S36	S31
S 1	S 6
T14S	

1934

from which

An aspen, 6 ins. diam., brs. S.21° 15'E., 84 lks. dist., marked T 14 S R 6 E S 6 B T.

An aspen, 6 ins. diam., brs. S.60° 15'W., 136 lks. dist., marked T 14 S R 5 E S 1 B T.

Land, mountainous with westerly exposure and drainage. Soil, dark clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen and scattered balsam and Douglas fir. Undergrowth, dense growth of elder berry and scattered sawbrush, and goose berry; dense growth of weeds and grass; excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF SOUTH BOUNDARY, T. 14 S., R. 5 E.

Reestablishment of surveys executed by A.
D. Ferron, U. S. Deputy Surveyor, in 1872.

RANDOM LINES

From the cor. of Tps. 14 and 15 S., Rs. 5 and 6 E., heretofore described; thence

S. 89° 40'W., bet. secs. 1 and 36, along S. bdy. of Tp.

40.00 No evidence of the $\frac{1}{4}$ sec. cor. could be found.

80.54 Fall 3 lks. N. of the cor. of secs. 1, 2, 35, and 36, hereinafter described.

The course of this mile therefore is S. 89° 37'W., and the proportionate length of each half mile is 40.27 chs.

From point 3 lks. N. of the cor. of secs. 1, 2, 35, and 36

S. 89° 40'W., along S. bdy. of Tp., making careful search at intervals of 40.00 and 80.00 chs., for $\frac{1}{4}$ sec. and sec. cors., and at 151.12 chs. fall 30 lks. N. of the cor. of secs. 3, 4, 33, and 34, hereinafter described.

The course of the line bet. the cor. of secs. 1, 2, 35, and 36, and the cor. of secs. 3, 4, 33, and 34, therefore is S. 89° 35'W., and the proportionate length of each mile is 75.56 chs.

In order to verify the position of the cor. of secs. 3, 4, 33, and 34, I continue from point 30 lks. N. of the cor. of secs. 3, 4, 33, and 34.

S. 89° 40'W., bet. secs. 4 and 33, and at

DEPENDENT RESURVEY OF
PORTION OF SOUTH BOUNDARY, T. 14 S., R. 5 E.

Chains
39.10

Fall 21 lks. N. of the $\frac{1}{4}$ sec. cor., which is a sandstone, 12 x 10 x 3 ins., marked $\frac{1}{4}$ on N. face, and firmly set in the ground, and unwitnessed.

The course of this half mile, therefore is S. 89° 48' W., and the dist. is 39.10 chs., which is not at great variance with the record.

TRUE LINES

From the cor. of Tps. 14 and 15 S., Rs. 5 and 6 E., heretofore described; thence

S. 89° 37' W., bet. secs. 1 and 36.

Descend S. slope over rolling mountainous land, through medium dense undergrowth.

6.40 Swale, 50 ft. below Tp. cor., course S. 30° W.; ascend along rolling S. slope.

26.30 Ridge, 35 ft. above swale, brs. N. 53° E., and S. 70° W.; descend along N. slope.

36.40 Head of ravine, course N. 41° W.; continue along N. slope

40.27 Proportionate point, on N. slope 140 ft. below top of ridge, and about 3 chs. N. of the top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 36
 $\frac{1}{4}$ ———
S 1

1934 from which

A limestone, 9 x 4 x 3 ft., above ground, brs. N. 74° 30' E., 48 lks. dist., marked B+O on SW. face, 18 ins. above the ground.

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

43.00 Enter medium growth of fir timber, brs. N. and S.

47.00 Bottom of descent, 150 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend along steep N. slope.

62.00 Leave timber, brs. N. 60° W., and S. 60° E.

68.00 Spur, 90 ft. above bottom of descent, projects N. 20° W., from S. 70° E.; top of ridge bearing E. and W., S. of line about 2 chs. dist.; descend gradually along N. slope.

80.54 The cor. of secs. 1, 2, 35, and 36, which is a sandstone, 22 x 10 x 2 ins., loosely set in old mound of stone, and marked 5 notches on W., and 1 notch on E. edge.

At cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with original cor. monument deposited alongside, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T14S | R5E
S35 | S36
S 2 | S 1
T158

. 1934 raise a mound of

DEPENDENT RESURVEY OF
PORTION OF SOUTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous.

Soil, dark, heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, medium dense balsam and Douglas fir on portion of mile.

Undergrowth, medium growth of sagebrush, deer browse, wild currant, and elder berry; medium growth of weeds and grass; excellent grazing land.

S. 89° 35' W., bet. secs. 2 and 35.

Descend gradually along steep N. slope, over mountainous land, through medium dense undergrowth.

19.00 Ridge, 280 ft. below sec. cor., brs. W. and S. 80° E.; descend along top of ridge.

27.00 Enter scattering aspen timber, brs. N. and S.

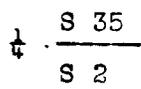
29.60 Ridge, brs. S. 55° W., about 18 chs.; thence westerly, and E.; descend NW. slope.

33.00 Enter dense fir and aspen timber, brs. N. 30° E., and S. 20° W.

37.70 Stock trail, brs. NE. and SW.

37.78 Proportionate point, on NW. slope, 380 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



1934

from which

A balsam, 13 ins. diam., brs. N. 18° E., 64 lks. dist., marked $\frac{1}{4}$ S 35 B T.

An aspen, 9 ins. diam., brs. S. 62° 30' W., 25 lks. dist., marked $\frac{1}{4}$ S 2 B T.

From this $\frac{1}{4}$ sec. cor., a small spring of clear water, brs. N. 60° E., 115 lks. dist.; water from spring drains NW.

48.70 Sandstone ledge, 40 ft. high brs. N. 85° E., and S. 85° W.

58.70 Head of ravine, 520 ft. below $\frac{1}{4}$ sec. cor.; course N. 15° E., ascend NE. slope.

67.50 Top of ascent, 60 ft. above ravine, slopes N.; descend NW. slope.

74.00 Bottom of descent, 50 ft. below top of ascent, drains N.; ascend.

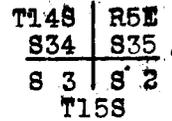
75.56 Proportionate point, on top of ascent, 25 ft. above bottom of descent, slopes N.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to solid rock, and in large mound of stone to top, for cor. of secs. 2, 3, 34, and 35, with brass cap marked

DEPENDENT RESURVEY OF
 PORTION OF SOUTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

BR1630



1934 from which

An aspen, 10 ins. diam., brs. N. 20°E., 37 lks. dist., marked T 14 S R 5 E S 35 B T.

An aspen, 14 ins. diam., brs. S. 52° E., 29 lks. dist., marked T 15 S R 5 E S 2 B T.

N. face of sandstone outcrop, 8 ft. high, 8 ft. long, brs. S.23° 15'W., 19 lks. dist., marked B+0 .

An aspen, 12 ins. diam., brs. N.25°30'W., 19 lks. dist., marked T 14 S R 5 E S 34 B T.

Land, mountainous; northerly exposure and drainage. Soil, dark heavy clay loam, rich in humus; rocky, 2nd and 3rd rate. Timber, balsam, Douglas fir and aspen, on portion of mile. Undergrowth, medium growth of elder berry, deer browse, and scattered sagebrush; medium growth of weeds and grass. Excellent grazing land.

S. 89° 35'W., bet. secs. 3 and 34.

Descend steep NW. slope over mountainous land, through dense aspen and fir timber, and medium dense undergrowth.

5.75 Small spring of clear water, brs. N. 90 lks. dist.

7.00 Ravine, 110 ft. below sec. cor., course NE.; ascend NE. slope.

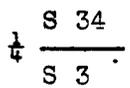
20.00 Top of ascent, 145 ft. above ravine, slopes N.; descend NW. slope.

26.10 Ravine, 70 ft. below top of ascent, course N. 10°W.; descend gradually along steep N. slope.

34.00 Descend steep NW. slope, brs. N.35°W., and S.35°E.

37.78 Proportionate point, on steep NW. slope, 240 ft. below ravine.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



1934 from which

An aspen, 5 ins. diam., brs. N. 38°W.; 9 lks. dist., marked $\frac{1}{4}$ S 34 B T.

N. face of sandstone boulder, 12 x 4 x 4 ft. above ground, brs. S.20° 30'E., 33 lks. dist., marked, 1 ft. above the ground, B+0

44.00 Point on ridge sloping W.; from S. 80°E.; descend steep W. slope along ridge.

DEPENDENT RESURVEY OF
PORTION OF SOUTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

- 47.50 Slope becomes less abrupt.
- 58.00 Ridge, slopes to S. 75° W., from E.; descend NW. slope, entering medium dense oak brush and scattering sagebrush.
- 70.50 Descend along steep N. slope.
- 71.00 Enter dense small aspen and scattered maple, brs. NE. and SW.
- 73.80 Old pole fence, brs. N. and S.
- 75.56 On steep NW. slope in dense oak brush, 710 ft. below $\frac{1}{4}$ sec. cor.

The cor. of secs. 3, 4, 33, and 34, which is a sandstone, 12 x 9 x 8 ins., firmly set in the ground, unwitnessed, and marked 3 grooves on E. and W. faces.

At cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, with original cor. monument deposited alongside, for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T14S	R5E
S 33	S 34
S 4	S 3
T15S	

1934

No suitable bearing tree available.

Land, mountainous with northerly exposure and drainage. Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, balsam, Douglas fir and aspen.

Undergrowth, elder berry, deer browse, sagebrush, oak and maple brush; medium growth of weeds and grass.

Excellent grazing land.

DEPENDENT RESURVEY
PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

RANDOM LINES

From the cor. of Tps. 13 and 14 S., Rs. 5 and 6 E., heretofore described.

West, along N. bdy. of Tp., making careful search at intervals of 40 and 80 chs., for $\frac{1}{4}$ sec. and sec. cors., and at 433.73 chs., fall 6.80 chs. N. of the $\frac{1}{4}$ sec. cor., bet. secs. 6 and 31, which is a sandstone, 16 x 9 x 2 ins. marked (X) on top and dim $\frac{1}{4}$ on N. face, and loosely set at cor. of old fences bearing E., W. and S. This cor. was identified as being in its original position by John L. Bench, a former County Surveyor.

The course of the line from the cor. of Tps. 13 and 14 S., Ra. 5 and 6 E., to the $\frac{1}{4}$ sec. cor. between secs. 6 and 31, therefore is S. 89° 07' W., and the proportionate length of each mile is 78.87 chs..

I remonument the $\frac{1}{4}$ sec. cor. bet. secs 6 and 31, as follows

DEPENDENT RESURVEY OF
 PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

At cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with original cor. monument deposited alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{S } 31 \\ \hline \frac{1}{4} \\ \text{S } 6 \end{array}$$

1934.

raise a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high N. of cor.

TRUE LINES.

Reestablishment of surveys executed by A. J. Stewart Jr., U.S. Deputy Surveyor in 1875.

From the cor. of Tps. 13 and 14 S., Rs. 5 and 6 E., heretofore described; thence

S. $89^{\circ} 07' W.$; bet. secs. 1 and 36.

Descend W. slope over mountainous land, through medium dense aspen and scattered fir timber, and medium undergrowth of elder berry, deer browse and sagebrush.

12.30 Leave timber, brs. N. and S.; enter grassy W. slope.

13.75 Log fence, brs. S. $8\frac{1}{2}^{\circ} W.$, and N. 27 lks. to cor. of fence, bearing E.

15.00 High water mark of reservoir, brs. N. $10^{\circ} E.$, and S. $10^{\circ} W.$; thence across dry bed of reservoir.

23.90 Stream of clear water, 5 lks. wide, 2 ins. deep, in channel, 15 lks. wide, 3 ft. deep, course N. $10^{\circ} E.$; 80 ft. below Tp. cor.; ascend gradual E. slope.

33.60 Stream of clear water, 3 lks. wide, 3 ins. deep, course N. $30^{\circ} E.$

35.60 High water mark of reservoir, brs. N. $15^{\circ} E.$, and S. $15^{\circ} W.$; enter medium growth of grass.

37.50 Low rise, 20 ft. above stream of water, brs. N. $15^{\circ} E.$, and S. $15^{\circ} W.$; thence over rolling land.

39.44 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{S } 36 \\ \hline \frac{1}{4} \\ \text{S } 1 \end{array}$$

1935

from which

NE. face of concrete overflow gate of reservoir, brs. S. $74^{\circ} 15' E.$, 172 lks. dist., marked B+O.

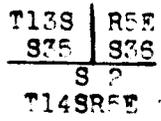
Raise a mound of stone, 4 ft. base, 3 ft. high N. of cor.

40.80 From this point, cor. of log fence, bearing S. and W., brs. S. about 5.50 chs. dist.

DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

- 41.00 Enter series of beaver ponds, brs. N. about 1 ch. and S. about 2 chs.
- 52.30 Leave beaver ponds, brs. N. and S.; ascend gentle E. slope.
- 53.20 Log fence, brs. S. about 4 chs. to cor., thence easterly, and N. 1.10 chs. to cor., thence westerly.
- 55.60 Enter small pond, brs. N. about 1.50 chs., and S. about 4 chs.; dense willows around pond.
- 58.40 Leave pond, brs. NE. and S.; enter medium dense aspen and scattered fir timber, brs. NE. and SW.
- 62.00 Low rise, 20 ft. high, brs. N. and S.; descend gentle W. slope.
- 64.00 Leave timber, brs. NE. and SW.
- 68.60 Wash, 4 lks. wide, 1 ft. deep, in swale 30 ft. below top of rise, course N.; ascend gentle E. slope.
- 71.00 Enter scattered aspen and fir timber, brs. N. and S.
- 72.71 The closing cor. of secs. 1 and 2, hereinafter described.
- 78.97 Proportionate point, on gentle E. slope, 25 ft. above wash. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 35 and 36, only, with brass cap marked



1975 from which

An aspen, 2 ins. diam., brs. N. 40°E., 60 lks. dist., marked T 13 S R 5 E S 36 B T.

A balsam, 12 ins. diam., brs. N. 28°W., 112 lks. dist., marked T 13 S R 5 E S 35 B T.

Land, rolling mountainous, northerly exposure and drainage. Soil, dark heavy clay loam; rocky; 2nd and 3rd rate. Timber, aspen and scattered Douglas fir and balsam on portion of mile. Undergrowth, sagebrush; deer browse; elder berry and willows; medium dense growth of weeds and grass. Excellent grazing land.

S. 89° 07'W., bet. secs. 2 and 35.

Ascend gentle E. slope over rolling mountainous land, through scattered aspen and fir timber; and scattered sagebrush and choke cherry undergrowth.

2.80 From this point, end of fence bearing easterly, brs. N. 150 lks. dist.

4.25 Wash, 10 lks. wide, 4 ft. deep; course NE.

10.00 Low rolling spur, 60 ft. above sec. cor., projects NE.; thence ascend along rolling N. slope.

507
DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

- 18.40 Head of ravine, course N. 10°E.; ascend gradually along NE. slope.
- 35.00 Ridge and divide of drainage, 300 ft. above sec. cor., brs. N. 35°W., and S. 10°E.; descend SW. slope.
- 39.44 Proportionate point, on SW. slope 35 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 35
 $\frac{1}{4}$ ———
S 2

1935

from which

An aspen, 9 ins. diam., brs. N. 34°E., 179 lks. dist. marked $\frac{1}{4}$ S 35 B T.

An aspen, 14 ins. diam., brs. S. 17°W., 82 lks. dist., marked $\frac{1}{4}$ S 2 B T.

- 49.00 Leave timber, brs. NW. and SE.; continue through scattered choke cherry and sage brush
- 60.00 Enter timber, brs. NW. and SE.
- 61.00 Leave timber, enter dense choke cherry, brs. NW. and SE.
- 68.00 Enter medium dense timber, and scattered choke cherry, brs. NW. and SE.
- 76.00 Enter scattered timber and dense maple, brs. N. and SE.
- 78.87 Proportionate point, on steep SW. slope, 600 ft. below $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, for cor. of secs. 2, 3, 34, and 35, with brass cap marked

T13S | R5E
S34 | S35
S 3 | S 2
T14S | R5E

1935

from which

A maple, 6 ins. diam., brs. N. 64° 30'E., 23 lks. dist. marked T 13 S R 5 E S 35 B T.

A maple, 8 ins. diam., brs. S. 39° E., 60 lks. dist., marked T 14 S R 5 E S 2 B T.

An aspen, 12 ins. diam., brs. S. 41° 15'W., 47 lks. dist., marked T 14 S R 5 E S 3 B T.

An aspen, 9 ins. diam., brs. N. 58° 30'W., 37 lks. dist., marked T 13 S R 5 E S 34 B T.

Land, mountainous; NW. exposure and drainage.
Soil, dark heavy clay loam; rich in humus; rocky; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam on portions of mile.
Undergrowth, choke cherry, sagebrush, and maple; medium growth of weeds and grass;
Excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

Reestablishment of surveys executed by A. D. Ferron, U. S. Deputy Surveyor, in 1872.

S. 89° 07' W., bet. secs. 3 and 34.

Descend steep SW. slope over mountainous land, through medium dense undergrowth, and scattered aspen and fir timber.

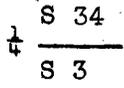
14.75 Small stream of water, 5 lks. wide, 2 ins. deep, in bottom of Blind Canyon, 330 ft. below sec. cor., course N. 70° W.; ascend NE. slope, entering dense fir and scattered aspen timber.

20.00 Enter dense aspen and scattered fir timber, brs. NW. and SE

37.50 Small ditch, 4 lks. wide, 6 ins. deep, course N. 60° W.

39.44 Proportionate point, on NE. slope 430 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



1935 from which

An aspen, 9 ins. diam., brs. S. 51° 15' W., 18 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A balsam, 10 ins. diam., brs. N. 50° 30' W., 16 lks. dist., marked $\frac{1}{4}$ S 34 B T.

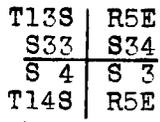
53.00 Spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects NW.; descend SW. slope.

60.90 Small ditch, 4 lks. wide, 6 ins. deep, course SW.

70.25 Ravine, 320 ft. below spur, course NW.; ascend steep NE. slope.

78.87 Proportionate point, on steep NE. slope 90 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 3, 4, 33, and 34, with brass cap marked



1935 from which

A balsam, 6 ins. diam., brs. N. 62° 45' E., 21 lks. dist., marked T 13 S R 5 E S 34 B T.

A balsam, 10 ins. diam., brs. S. 60° 30' E., 49 lks. dist., marked T 14 S R 5 E S 3 B T.

An aspen, 9 ins. diam., brs. S. 57° 15' W., 35 lks. dist., marked T 14 S R 5 E S 4 B T.

A balsam, 10 ins. diam., brs. N. 76° W., 19 lks. dist., marked T 13 S R 5 E S 33 B T.

Land, mountainous with steep slopes and NW. exposure and drainage.

DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 14 S., R. 5 E.

Chains

Soil, dark, heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.
Timber, aspen and Douglas fir and balsam.
Undergrowth, medium dense to scattered growth of sagebrush, chokecherry, deer browse, and maple; medium growth of weeds and grass. Excellent grazing land.

RETRACEMENT OF
PORTION OF WEST BOUNDARY OF T. 14 S., R. 5 E.

From the $\frac{1}{4}$ sec. cor., bet. secs. 1 and 6, on W. bdy. of Tp., which is a limestone, 14 x 8 x 3 ins., firmly set, and marked $\frac{1}{4}$ on W. face, and unwitnessed. Cor. stands in fence line bearing N. and S. I remonument this cor. as follows:-

At cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with original cor. monument deposited alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 1 | S 6

1935

from which

A juniper, 7 ins. diam., brs. N. 62° E., 59 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A juniper, 5 ins. diam., brs. S. 22° E., 69 lks. dist., marked $\frac{1}{4}$ S 6 B T.

No suitable bearing tree available to the west.

Thence

S. 0° 30' E., bet. secs. 1 and 6, on retracement line, along fence line.

40.00 No evidence of the cor. of secs. 1, 6, 7, and 12 found.

Continue on same line with continuous measurement.

80.00 No evidence of the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12 found.

Continue on same line with continuous measurement.

120.00 No evidence of the cor. of secs. 7, 12, 13, and 18 found.

Continue on same line with continuous measurement.

160.48 Fall 16 lks. E. of the $\frac{1}{4}$ sec. cor., bet. secs. 12 and 18, which is a sandstone, 9 x 8 x 6 ins., above ground, firmly set, unwitnessed, and marked $\frac{1}{4}$ on W. face. Cor. stands in fence, bearing N. and S. I remonument this cor. as follows

At cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with original cor. monument deposited alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 13 | S 18

1935

raise a mound of

RETRACEMENT OF
PORTION OF WEST BOUNDARY OF T. 14 S., R. 5 E.

Chains

stone, 2 ft. base, 2 ft. high W. of cor.

The course of the line from the $\frac{1}{4}$ sec. cor., bet. secs. 1 and 6, and the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, therefore is S. 0° 26'E., and the proportionate length of each half mile is 40.12 chs.

The missing corners along this line were not monumented, the positions of the corners of secs. 1, 6, 7, and 12, and 7, 12, 13, and 18, being determined by proportionate measurement for use in the restoration of missing $\frac{1}{4}$ sec. and sec. cors. in the east portion of T. 14 S., R. 5 E.

From point 18 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, thence

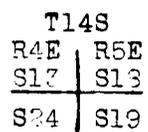
S. 0° 30'E., bet. secs. 13 and 18, on retracement line.

39.99 Fall 21 lks. E. of the cor. of secs. 13, 18, 19, and 24, a sandstone 13 x 10 x 6 ins., set at cor. of fence bearing N. and W., and marked cross (X) on top. No other markings could be identified on the stone. This stone was identified as marking the original position of the sec. cor., by John L. Bench, a former County Surveyor, and J. C. Burnside, owner of the adjoining land to the east. Both Mr. Bench and Mr. Burnside, stated that they had seen the original cor. monument on numerous occasions; and that the original position of the cor. was at the cor. of the fences. Also, Mr. Bench stated that this cor. was used extensively by the settlers to locate their lands in the near vicinity.

I remonument this cor. as follows:-

At cor. point at cor. of fences bearing N. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the stone marked (X) deposited alongside, for cor. of secs. 13, 18, 19, and 24, with brass cap marked



1935 raise a mound of

stone, 4 ft. base, 3 ft. high W. of cor.

The course of this half mile, therefore is S. 0° 26'E., and the dist. is 39.99 chs.

DEPENDENT RESURVEY OF PORTION OF SUBDIVISION OF
T. 14 S., R. 5 E.

Reestablishment of surveys executed by A.
D. Ferron, U. S. Deputy Surveyor in 1972.

From the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp., heretofore described; thence

N. 1° 55' E., bet. secs. 35 and 36.

Descend N. slope over mountainous land, through medium dense undergrowth of sagebrush, elder berry and deer browse

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

- 3.00 Head of ravine, 80 ft. below sec. cor., course W.; ascend along W. slope.
- 19.00 Spur, 30 ft. above ravine, projects W., from the SE.; descend steep N. slope, entering dense fir timber, and medium dense undergrowth of deer browse, wild currant, and elder berry, brs. with spur.
- 32.30 Small seep of clear water, brs. W. about 2 chs. dist.
- 35.00 Small stream of clear water, course NE.
- 40.02 Proportionate point, on steep rocky N. slope, 625 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S35 | S36

1935

from which

A Douglas fir, 32 ins. diam., brs. S. 31° E., 81 lks. dist., marked $\frac{1}{4}$ S 36 B T.

A Douglas fir, 25 ins. diam., brs. S. 53° W., 26 lks. dist., marked $\frac{1}{4}$ S 35 B T.

- 48.50 Stream of clear water, 4 lks. wide, 2 ins. deep, in bottom of canyon, a branch of North Creek, 230 ft. below $\frac{1}{4}$ sec. cor., course N. 60° W.; ascend SW. slope.
- 50.00 Top of ascent, 25 ft. above canyon, slopes W.; descend.
- 52.60 Stream of clear water, 10 lks. wide, 2 ins. deep, in bottom of canyon, a branch of North Creek, 100 ft. below top of ascent, course W.; ascend SW. slope, leaving timber brs. NE. and W.
- 59.00 Enter dense aspen timber, and scattered choke cherry, brs. E. and W.
- 63.00 Leave timber, brs. NW. and SE.
- 90.04 Proportionate point, on point of spur, 900 ft. above canyon, slopes SW.
- Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground over a cross (X) cut in solid rock, and in a mound of stone to top for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T14S | R5E
 S26 | S25
 S35 | S36

1935

Land, mountainous; steep slopes; westerly exposure and drainage.
 Soil, dark heavy clay loam; rich in humus; rocky; 3rd rate
 Timber, balsam, Douglas fir and aspen on portion of mile.
 Undergrowth, sagebrush, deer browse, wild currant and elder berry; medium growth of weeds and grass.
 Excellent grazing land.

BOOK A-507
DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

From the cor. of secs. 25, 30, 31, and 36, on E. bdy. of Tp., heretofore described.

S. 89° 30' W., bet. secs. 25 and 36.

Along a rolling S. slope over mountainous land, through medium dense undergrowth of sagebrush, scattered elderberry, deer browse, and wild currant.

4.00 Ridge, and divide of drainage, brs. N. 20° E., and S. 40° W., descend W. slope.

15.60 Road of Forest Service, brs. N. and S. 10° W.

38.84 Proportionate point, in E. edge of strip of balsam, Douglas fir and spruce timber, and on W. slope 660 ft. below sec. cor.

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

S 25
—
S 36

1935

from which

A spruce, 10 ins. diam., brs. north, 15 lks. dist., marked $\frac{1}{4}$ S 25 B T.

A spruce, 10 ins. diam., brs. S. 49° W., 36 lks. dist., marked $\frac{1}{4}$ S 36 B T.

40.00 Leave timber, brs. N. and S.

41.00 Small spring of clear water, drains NW.

48.90 Stream of clear water, 5 lks. wide, 7 ins. deep, in bottom of canyon, a branch of North Creek, 180 ft. below $\frac{1}{4}$ sec. cor., course SW.; ascend SE. slope.

50.00 Edge of aspen timber, brs. S. and westerly; thence along edge of timber.

57.00 Leave timber, brs. S. and E.

77.00 Spur, 260 ft. above canyon, slopes W.; descend steep W. slope.

77.69 The cor. of secs. 25, 26, 35, and 36, 25 ft. below spur.

Land, mountainous with southwesterly exposure and drainage.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, balsam, Douglas fir, spruce, and aspen on portion of mile.

Undergrowth, sagebrush, deer browse, elder berry, and wild currant; medium growth of weeds and grass.

Excellent grazing land.

N. 3° 52' E., bet. secs. 25 and 26.

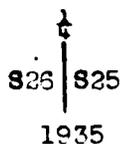
Descend gradually along W. slope, over mountainous land, through medium dense undergrowth of deer browse, elder berry and sagebrush.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

- 9.00 Enter medium growth of small aspen, brs. E. and W.
- 28.50 Ravine, 30 ft. below sec. cor., course SW.; ascend rocky S. slope, leaving aspen.
- 37.00 Sour, 210 ft. above ravine, projects S. 70°W.; descend steep NW. slope.
- 39.70 Old trail, brs. NE. and SW.
- 40.09 Proportionate point, on steep NW. slope, 50 ft. below sour.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

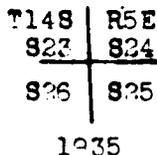


raise a mound of stone, 2 ft. base, 2 ft. high W. of cor.

From this $\frac{1}{4}$ sec. cor. a small spring brs. E. about 8 chs. dist.; water drains NW. from spring.

- 50.20 Stream of clear water, 2 lks. wide, 2 ins. deep, in canyon, 330 ft. below $\frac{1}{4}$ sec. cor., course W.; canyon head about 3 chs. E.; ascend steep S. slope, entering scattered aspen timber.
- 57.00 Leave aspen timber, brs. NW. and SE.
- 60.50 Old trail, brs. E. and SW.
- 69.00 Enter dense choke cherry brush, brs. NW. and SE.
- 75.00 Sour, 425 ft. above canyon, slopes W.; descend over rolling NW. slope through scattered fir timber, and leave choke cherry brush, brs. E. and W.
- 80.18 Proportionate point, on rolling NW. slope 40 ft. below sour.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 23, 24, 25, and 26, with brass cap marked



from which
A Douglas fir, 6 ins. diam., brs. N. 55°30'E., 293 lks. dist., marked T 14 S R 5 E S 24 B T.

A Douglas fir, 20 ins. diam., brs. N. 2°10'W., 321 lks. dist., marked T 14 S R 5 E S 23 B T.

No other suitable bearing trees available. Raise a mound of stone, 2 ft. base, 2 ft. high W. of cor.

Land, mountainous; SW. and W. exposure and drainage. Soil, dark heavy clay loam, rich in humus; rocky; 3rd rat. Timber, aspen and balsam and Douglas fir on portion of mt. Undergrowth, sarsbrush, deer browse, choke cherry, and elder berry; medium growth of weeds and grass.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

Excellent grazing land.

East, bet. secs. 24 and 25.

Ascend NW. slope over mountainous land, through medium dense undergrowth of sagebrush, elder berry, wild currant and deer browse.

5.50 Road of the Forest Service, brs. NE. and S.30°W.

17.50 Ridge and divide of drainage, 215 ft. above sec. cor., brs. N. 40°E., and S.10°W. about 10 chs., thence southeasterly; descend abrupt E. slope.

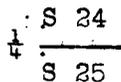
22.40 Old road, brs. N. 20°W., and S. 20°E. about 6 chs., thence easterly.

27.00 Foot of abrupt descent, brs. SE., and N. about 5 chs., thence NE.; thence over rolling NE. slope.

36.00 Enter narrow strip of timber, brs. N. and S.

40.00 Record dist., on gentle NE. slope, 330 ft. below ridge, and at E. edge of strip of timber, brs. N. and S.

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



1935 from which

A Douglas fir, 18 ins. diam., brs. S.80° 45'W., 36 lks dist., marked $\frac{1}{4}$ S 25 B T.

A Douglas fir, 10 ins. diam., brs. N.65° 30'W., 57 lks. dist., marked $\frac{1}{4}$ S 24 B T.

SUBDIVISION OF T. 14 S., R. 5 E.

From the $\frac{1}{4}$ sec. cor. bet. secs. 24 and 25.

East, bet. secs. 24 and 25, with continuous measurement.

44.25 From this point, NE. cor. of old frame cabin, 14 x 12 ft., no roof; brs. S. 30°E., 7.15 chs. dist.

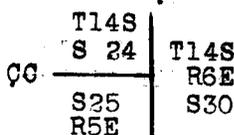
69.00 Enter medium dense timber, brs. NE. and SW.

72.32 On gentle NE. slope, 35 ft. below $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of Tp., S. 0° 07'E., 1.21 chs. dist., from the cor. of secs. 19 and 30, heretofore described.

At point of intersection.

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



1935

from which

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

Chains

A spruce, 24 ins. diam., brs. S. 49° 30' W., 20 lks. dist., marked T 14 S R 5 E S 25 C C B T.

A spruce, 20 ins. diam., brs. N. 66° W., 69 lks. dist., marked T 14 S R 5 E S 24 C C B T.

Land, mountainous.

Soil, dark heavy clay loam; rich in humus; rocky; 2nd and 3rd rate.

Timber, Douglas fir, balsam and spruce on portions of mile Undergrowth, medium growth of sagebrush, elder berry, wild currant, and deer browse; medium growth of weeds and grass. Excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Reestablishment of surveys executed by A.D. Ferron, U. S. Deputy Surveyor in 1872.

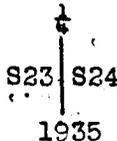
From the cor. of secs. 23, 24, 25, and 26.

N. 0° 19' E., bet. secs. 23 and 24.

Descend NW. slope over rolling mountainous land, through medium dense undergrowth of sagebrush, elder berry, deer browse and wild currant, and scattered timber.

- 6.00 Abrupt descent over N. slope, brs. E. and W.
- 7.20 Old road, brs. E. and W.; small seep of clear water brs. W. about 7.75 chs. dist.
- 11.00 Old road, brs. E. and W.; enter scattered willows.
- 19.00 Base of steep descent; brs. E. and W.; descend along NW. slope, leaving willows.
- 22.50 Spring of clear water, brs. W. about 7.75 chs.; water from spring drains N.
- 27.50 Stream of clear water, 3 lks. wide, 2 ins. deep, in head of tanyon, 350 ft. below sec. cor., course NW. about 2 chs. thence N.; thence descend gradually along W. slope, through scattered aspen.
- 40.00 Proportionate point, on W. slope, and about 1 ch. E. of stream of water draining N. 15° W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

An aspen, 9 ins. diam., brs. N. 32° 30' E., 44 lks. dist. marked $\frac{1}{4}$ S 24 B T.

An aspen, 8 ins. diam., brs. N. 23° W., 32 lks. dist., marked $\frac{1}{4}$ S 23 B T.

Continue descent along W. slope, through medium dense aspen and scattered fir timber.

DEPENDENT RESERVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

- 51.00 Bottom of descent, 100 ft. below $\frac{1}{4}$ sec. cor., drains W.; ascend SW. slope.
- 65.00 Spur, 180 ft. above bottom of descent, projects N. 70°W.; descend steep N. slope, entering dense fir and aspen timber
- 80.00 Proportionate point, on N. slope 250 ft. below spur.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T14S	R5E
S14	S13
S23	S24

1935

from which

A balsam, 14 ins. diam., brs. N. 23° 15'E., 100 lks. dist., marked T 14 S R 5 E S 13 B T.

A balsam, 12 ins. diam., brs. S. 30° E., 79 lks. dist., marked T 14 S R 5 E S 24 B T.

A balsam, 8 ins. diam., brs. S. 62° W., 55 lks. dist., marked T 14 S R 5 E S 23 B T.

A balsam, 7 ins. diam., brs. N. 31° 30'W., 70 lks. dist., marked T 14 S R 5 E S 14 B T.

Land, mountainous with steep slopes; westerly exposure. Soil, dark heavy clay loam; rich in humus; rocky; 2nd and 3rd rate. Timber, aspen, balsam, and Douglas fir on portions of mile. Undergrowth, sagebrush, elder berry, deer browse, wild currant; medium growth of weeds and grass. Excellent grazing land.

East, bet. secs. 13 and 24.

Descend NE. slope over mountainous land, through dense fir and scattered aspen timber, and undergrowth of deer browse, elder berry, and wild currant.

- 4.00 Stream of clear water, 4 lks. wide, 2 ins. deep, in canyon, 35 ft. below sec. cor., course N. 60°W.; ascend steep W. slope entering medium dense aspen and scattered fir timber.
- 13.70 Spring of clear water, brs. S., 20 lks. dist.; water drains S. 85° W.
- 27.50 Leave timber, brs. N. and S.
- 28.00 Small spring of clear water, brs. N., 15 lks. dist.; water from spring drains W.
- 36.90 Old road, brs. N. 15° E., and S. 15° W.
- 40.00 Record dist., on W. slope 840 ft. above canyon.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

S 13

¼ —————

S 24

1935

raise a mound of stone, 3 ft. base, 2½ ft. high N. of cor.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

From the ¼ sec. cor., bet. secs. 13 and 24

East, bet. secs. 13 and 24, with continuous measurement.

46.90 Road of Forest Service, brs. N. 10° E., and S. 10° W.

54.00 Ridge and divide of drainage, 200 ft. above ¼ sec. cor., brs. N. 35° E., and S. 15° W.; descend SE. slope.

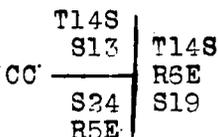
56.00 Sandstone ledge, 10 ft. high, brs. NE. and SW.

66.40 Draw, 180 ft. below ridge, drains S., about 3 chs. into reservoir; ascend S. slope.

71.38 Intersect E. bdy. of Tp., S. 0° 07' E., 1.55 chs. dist., from the cor. of secs. 18 and 19, heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 13 and 24, with brass cap marked



1935

raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor.

Land, mountainous.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd rate. Timber, balsam, Douglas fir and aspen on portion of mile. Undergrowth, elder berry, deer browse, wild currant and sagebrush; medium growth of weeds and grass. Excellent grazing land.

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Reestablishment of surveys executed by A. D. Ferron, U. S. Deputy Surveyor in 1872.

From the cor. of secs. 13, 14, 23, and 24.

N. 0° 23' W., bet. secs. 13 and 14.

Descend N. slope over mountainous land, through dense fir and scattered aspen timber, and undergrowth of elder berry, deer browse, and wild currant.

3.25 Stream of clear water, 4 lks. wide, 2 ins. deep, in canyon, 50 ft. below sec. cor., course N. 60° W.; ascend along W. slope, entering dense aspen and scattered fir timber.

7.00 Draw, drains SW.; ascend S. slope.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

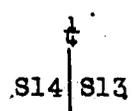
Chains

20.00 Spur, 240 ft. above canyon, projects SW.; thence descend along W. slope.

38.00 Ravine, 40 ft. below spur, course SW.; ascend S. slope.

40.00 Proportionate point, on S. slope 70 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



1935 from which

An aspen, 12 ins. diam., brs. N.31° 45'E., 97 lks. dist., marked $\frac{1}{4}$ S 13 B T.

An aspen, 12 ins. diam., brs. N. 87° W., 33 lks. dist., marked $\frac{1}{4}$ S 14 B T.

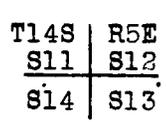
52.00 Ridge, 220 ft. above $\frac{1}{4}$ sec. cor., brs. N. 65°E., and S. 65° W., descend NW. slope, entering medium dense fir and scattered aspen, brs. NE. and SW.

67.30 Small spring of clear water, brs. W. about 7.40 chs. dist.

75.50 Draw, 350 ft. below ridge, course N. 70°W.; thence along W. slope, entering medium dense aspen and scattered fir timber, brs. with draw.

80.00 Proportionate point, on W. slope in medium dense aspen timber.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 11, 12, 13, and 14, with brass cap marked



1935 from which

An aspen, 14 ins. diam., brs. N.33° 45'E., 27 lks. dist., marked T 14 S R 5 E S 12 B T.

An aspen, 12 ins. diam., brs. S.50° 30'E., 26 lks. dist., marked T 14 S R 5 E S 13 B T.

An aspen, 12 ins. diam., brs. S.14° 15'W., 35 lks. dist., marked T 14 S R 5 E S 14 B T.

An aspen, 5 ins. diam., brs. N. 25° W., 19 lks. dist., marked T 14 S R 5 E S 11 B T.

Land, mountainous with steep slopes; westerly exposure and drainage.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen, Douglas fir and balsam.

Undergrowth, elder berry, deer browse, wild currant, and scattered sagebrush; medium growth of weeds and grass.

Excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

East, bet. secs. 12 and 13.

Ascend W. slope over mountainous land, through medium dense aspen and scattered fir timber, and medium undergrowth of elder berry, and deer browse.

28.00 Leave timber, hrs. N. and S.

32.00 Ridge, and divide of drainage, 710 ft. above sec. cor., hrs. N. and S.; descend E. slope through undergrowth of sagebrush, elder berry and deer browse.

40.00 Record dist., on E. slope, 50 ft. below top of ridge, and on W. edge of sink hole, about 3 chs. diameter and 20 ft. deep.

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

S 12
+-----+
S 13

1935

raise a mound of stone, 4 ft. base, 3 ft. high N. of cor.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

From the $\frac{1}{4}$ sec. cor. bet. secs. 12 and 13.

East, bet. secs. 12 and 13 with continuous measurement.

42.30 Road of Forest Service, hrs. N. and S.

62.00 Draw, 284 ft. below $\frac{1}{4}$ sec. cor., course SE.; descend along SE. slope.

70.30 Draw, 40 ft. below draw at 62.00 chs. point, course SE.; small stream of clear water in draw, 3 lks. wide, 1 in. deep; ascend SW. slope.

73.05 On SW. slope, 40 ft. above draw.

Intersect E. bdy. of Tp., S. 0° 05' W., 3.03 chs. dist. from the cor. of secs. 7 and 18, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground and in mound of stone to top, for closing cor. of secs. 12 and 13, with brass cap marked

T148
S 12 | T148
CC-----RBE
S13 | S18
R5E

1935

raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, mountainous with an easterly and westerly exposure and drainage.

Soil, dark heavy clay and sandy loam, rich in humus; rocky 2nd and 3rd rate.

Timber, aspen and scattered Douglas fir and balsam on portion of mile.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

Chains

Undergrowth, medium dense elder berry, deer browse, and sagebrush; medium growth of weeds and grass.
Excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

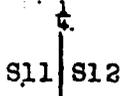
Reestablishment of surveys executed by A.
D. Ferron, U.S. Deputy Surveyor in 1872.

From the cor. of secs. 11, 13, 13, and 14.

N. 0° 16' W., bet. secs. 11 and 12.

Ascend gradually along W. slope over mountainous land, through medium dense aspen and scattered fir timber, and medium dense undergrowth of elder berry and deer browse.

- 39.00 Leave timber, brs. NW., and SE. 1 ch., thence SE. about 6 chs., thence southerly.
- 40.00 Proportionate point, on W. slope. 50 ft. above sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 38 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



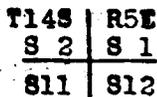
1935

from which

A Douglas fir, 15 ins. diam., brs. N. 31° 30' E., 250 lks. dist., marked $\frac{1}{4}$ S 12 B T.

An aspen, 18 ins. diam., brs. S. 52° W., 138 lks. dist., marked $\frac{1}{4}$ S 11 B T.

- 41.30 Spring branch, 1 lk. wide, 1 in. deep, drains W.
- 45.00 Spring branch, 1 lk. wide, 3 ins. deep, drains W.
- 46.00 Head of canyon, course SW.; ascend S. slope, entering medium dense aspen and scattered fir timber, brs. NE. and SW.
- 67.00 Ridge, 360 ft. above $\frac{1}{4}$ sec. cor., brs. N. 65° E., and S. 65° W.; descend NW. slope.
- 76.00 Head of ravine, 50 ft. below ridge, course S. 95° W.; ascend gentle SW. slope.
- 80.00 Proportionate point, on gentle SW. slope 25 ft. above ravine.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 1, 2, 11, and 12, with brass cap marked



1935

from which

An aspen, 24 ins. diam., brs. N. 59° 30' E., 113 lks. dist., marked T 14 S R 5 E S 1 B T.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

An aspen, 14 ins. diam., brs. S. 38° E., 73 lks. dist., marked T 14 S R 5 E S 12 B T.

An aspen, 19 ins. diam., brs. S. 53° 30' W., 98 lks. dist., marked T 14 S R 5 E S 11 B T.

An aspen, 14 ins. diam., brs. N. 27° 30' W., 92 lks. dist., marked T 14 S R 5 E S 2 B T.

Land, mountainous; SW. exposure and drainage.
Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam.
Undergrowth, elder berry and deer browse; medium growth of grass and weeds.
Excellent grazing land.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

From the cor. of secs. 1, 2, 11, and 12.

East, on random line bet. secs. 1 and 12.

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

72.60 Intersect E. bdy. of Tp., S. 0° 05' W., 4.53 chs. dist. from the cor. of secs. 6 and 7, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground and in mound of stone to top, for closing cor. of secs. 1 and 12, with brass cap marked

	T14S	
	S 1	T14S
CC	S12	R6E
	R5E	S 7

1935 from which.

An aspen, 8 ins. diam., brs. N. 11° W., 114 lks. dist., marked T 14 S R 5 E S 1 C C B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Thence

West, on true line bet. secs. 1 and 12.

Descend a gentle W. slope over mountainous land, through medium dense undergrowth of elder berry, deer browse, and sagebrush.

1.20 Abrupt descent over W. slope, brs. N. and S.

8.00 Foot of abrupt descent, brs. N. 20° W., and S. 20° E.; thence descend gradually over rolling bottom of wide basin.

12.25 Draw, 270 ft. below closing cor., course N. 25° W.; ascend.

18.50 Top of ascent or low rise, 15 ft. above draw, brs. N. and S.; descend.

26.00 Draw, 35 ft. below top of ascent, course N.; ascend.

SUBDIVISION OF PORTION OF T. 14-S., R. 5 E.

Chains

32.60 Easting of 40.00 chs. from the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 12 only, with brass cap marked

$\frac{1}{4}$ S12

1935

raise a mound of stone, 4 ft. base, 4 ft. high S. of cor.

33.70 Small draw, 25 ft. below top of rise, course N. 10°E.; ascend gentle NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 1 only, with brass cap marked

$\frac{1}{4}$ S1

1935

raise a mound of stone, 3 ft. base, 3 ft. high N. of cor.

43.00 Leave basin, ascend abrupt NE. slope, brs. N. 10°W., and S. 10°E..

50.00 Ridge and divide of drainage, 270 ft. above draw, brs. N. 10°W., and S. 10°E., about 10 chs., thence SE.; descend gentle W. slope.

54.25 Dim road, brs. NW. and SE.

67.00 Spur, 90 ft. below ridge, projects S. 30°W.; descend gentle SW. slope, entering medium dense aspen and scattered fir timber, brs. NW. and SE.

63.50 Head of draw, course S. 80°W.; continue over SW. slope.

69.40 Center of pole corral, 2 chs. diam., brs. S. about 4 chs.

72.30 The cor. of secs. 1, 2, 11, and 12, 120 ft. below ridge.

Land, mountainous. N. and W. exposure and drainage. Soil, dark, heavy clay loam; rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen and scattered balsam and Douglas fir on W. portion of mile.

Undergrowth, elder berry, deer browse, and sagebrush.

Medium growth of weeds and grass.

Excellent grazing land.

North, on random line bet. secs. 1 and 2.

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

84.84 Intersect N. bdy. of Tp., N. 89° 07' E., 6.16 chs. dist., from the cor. of secs. 35 and 36, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in mound of stone to top, for closing cor.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

Chains

of secs. 1 and 2, with brass cap marked

T13SR5E	
836	
S 2	S 1
T14S	R5E
CC	

1935

from which

An aspen, 11 ins. diam., brs. S.31° 30'E., 61 lks. dist., marked T 14 S R 5 E S 1 C C B T.

An aspen, 10 ins. diam., brs. S.32° 30'W., 35 lks. dist., marked T 14 S R 5 E S 2 C C B T.

Thence

South, on true line bet. secs. 1 and 2.

Ascend NE. slope over rolling mountainous land, through medium dense timber, and undergrowth.

33.00 Top of ascent, 330 ft. above closing cor., slopes E.; descend SE. slope.

32.70 Stream of clear water, 2 lks. wide, 2 ins. deep, in draw, 40 ft. below top of ascent, course NE.; ascend over rolling N. slope.

40.00 On rolling N. slope, 50 ft. above draw.

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

↑
S 1

1935

from which

An aspen, 9 ins. diam., brs. N. 32° E., 231 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A balsam, 16 ins. diam., brs. S. 55° E., 236 lks. dist., marked $\frac{1}{4}$ S 1 B T.

42.40 Point mid-way bet. the closing cor. of secs. 1 and 2, and the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 2 only, with brass cap marked

↑
S 2

1935

from which

An aspen, 10 ins. diam., brs. S, 96° W., 319 lks. dist., marked $\frac{1}{4}$ S 2 B T.

An aspen, 9 ins. diam., brs. N. 71° W., 275 lks. dist., marked $\frac{1}{4}$ S 2 B T.

50.00 Ascend abrupt NE. slope, brs. N. 30° W., and SE.

SUBDIVISION OF PORTION OF T. 14 S., R. 5 E.

Chains

73.00 Ridge and divide of drainage, 340 ft. above $\frac{1}{4}$ sec. cor., sec. 1, brs. NW. and SE.; descend over gentle SW. slope.

74.00 Old road, brs. NW. and SE.

84.84 The cor. of secs. 1, 2, 11, and 12, 40 ft. below ridge.

Land, mountainous; NE. and SW. exposure.
Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.
Timber, medium dense aspen and scattered Douglas fir and balsam.
Undergrowth, medium dense elder berry, deer browse, and sagebrush. Medium growth of weeds and grass.
Excellent grazing land.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor in 1872.

From the cor. of secs. 2, 3, 34, and 35, on S. bdy. of Tp., heretofore described.

N. 0° 52' E., bet. secs. 34 and 35.

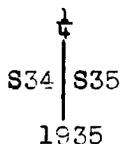
Descend steep N. slope over mountainous land, through dense fir and aspen timber, and scattered undergrowth of maple and deer browse.

18.80 Ravine, 840 ft. below sec. cor., course N. 70° W.; ascend steep S. slope, entering undergrowth of oak, mountain laurel, and choke cherry brush, and scattered timber.

29.00 Spur, 250 ft. above ravine, projects W.; descend steep N. slope, through medium dense timber.

40.31 Proportionate point, on steep N. slope, 320 ft. below top of spur.

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



from which

An aspen, 5 ins. diam., brs. N. 71° E., 26 lks. dist., marked $\frac{1}{4}$ S 35 B T.

An aspen, 8 ins. diam., brs. N. 28° W., 13 lks. dist., marked $\frac{1}{4}$ S 34 B T.

South Fork of

43.40 North Creek, a stream of clear water, 10 lks. wide, 3 ins. deep, in bottom of canyon, 140 ft. below $\frac{1}{4}$ sec. cor., course S. 70° W.; ascend steep S. slope, leaving timber, and enter dense oak, and scattered mahogany, choke cherry, and mountain laurel brush, brs. with canyon.

76.00 Enter dense aspen timber, and scattered undergrowth of deer browse, brs. E. and W.; ascend SE. slope.

486

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

80.63

Proportionate point, on SE. slope 1210 ft. above North Creek.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T148	R5E
S27	S26
S34	S35

1935

from which

An aspen, 5 ins. diam., brs. N.28° 30'E., 40 lks. dist., marked T 14 S R 5 E S 26 B T.

An aspen, 5 ins. diam., brs. S.18° 30'E., 15 lks. dist., marked T 14 S R 5 E S 35 B T.

An aspen, 8 ins. diam., brs. S.65° 15'W., 48 lks. dist., marked T 14 S R 5 E S 34 B T.

An aspen, 6 ins. diam., brs. N. 13° W., 25 lks. dist., marked T 14 S R 5 E S 27 B T.

Land, mountainous with steep slopes; westerly exposure and drainage.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen, Douglas fir and balsam.

Undergrowth, oak, mountain laurel, mahogany, choke cherry deer browse, and maple; medium growth of weeds and grass Good grazing land.

From the cor. of secs. 25, 26, 35, and 36.

N. 89° 53'W., bet. secs. 26 and 35.

Descend steep W. slope over mountainous land, through undergrowth of deer browse, wild currant, and elder berry

16.00

Enter medium dense aspen timber, and willow, brs. N. and

27.25

Ravine, 850 ft. below sec. cor., course SW.; ascend SE. slope, enter scattered aspen and dense oak brush, and scattered mahogany.

38.49

Proportionate point, on SE. slope, 100 ft. above ravine, and in dense brush.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 26
	S 35

1935

from which

A mahogany, 5 ins. diam., brs. S. 46° W., 76 lks. dist., marked $\frac{1}{4}$ S.35 B T.

SE. face of sandstone ledge, about 12 ft. high, brs. NE. and SW., about 50 lks. long, brs. N. 79° W., 11 lks. dist., marked 4 ft. above the ground B + 0

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

- 41.50 Point of spur, 30 ft. above $\frac{1}{4}$ sec. cor., slopes S. from the NE.; descend SW. slope, leaving oak and mahogany brush, enter medium dense aspen timber and deer browse undergrowth, brs. NE. and SW.
- 49.20 Ravine, 210 ft. below point of spur, course S.; ascend E. slope.
- 56.00 Point of spur, 90 ft. above ravine, slopes S. 30°W.; descend W. slope.
- 65.50 Ravine, 160 ft. below point of spur, stream of clear water, 2 lks. wide, 1 in. deep, course S. 30°W.; ascend SE. slope.
- 76.99 The cor. of secs. 26, 27, 34, and 35, 350 ft. above ravine.
- Land, mountainous with steep slopes; SW. exposure and drainage.
Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.
Timber, aspen on portions of mile.
Undergrowth, deer browse, oak, mahogany, elder berry, and willows. Medium growth of weeds and grass.
Good grazing land.

N. 1° 42' E., bet. secs. 26 and 27.

Ascend SE. slope over mountainous land, through medium dense aspen timber, and scattered undergrowth of deer browse.

- 21.00 Ridge, 220 ft. above sec. cor., brs. N. 35° E., and S. 35° W., descend W. slope.
- 33.00 Enter dense fir and scattered aspen timber, brs. E. and W.
- 40.32 Proportionate point on steep NW. slope, 230 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S27 | S26

1935

from which

A Douglas fir, 6 ins. diam., brs. N. 42° E., 17 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A Douglas fir, 8 ins. diam., brs. S. 85° W., 16 lks. dist., marked $\frac{1}{4}$ S 27 B T.

- 54.20 North Fork of North Creek, stream of clear water, 4 lks. wide, 2 ins. deep, in bottom of canyon, 440 ft. below $\frac{1}{4}$ sec. cor., course W.; ascend SW. slope, leaving timber, enter medium dense choke cherry and deer browse, brs. with canyon.
- 63.00 Old road, brs. N. 60°W., and S. 60°E.
- 80.65 Proportionate point on SW. slope 410 ft. above canyon.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

ground for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T148	R5E
S22	S23
S27	S26

1935

raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.

Land, mountainous with steep slopes; drainage W.
 Soil, rocky dark heavy clay loam, rich in humus; 2nd and 3rd rate.
 Timber, aspen on portions of mile.
 Undergrowth, deer browse, choke cherry and some willows.
 Medium dense growth of weeds and grass.
 Good grazing land.

From the cor. of secs. 23, 24, 25, and 26.

N. 89° 28' W., bet. secs. 23 and 26.

Descend NW. slope over mountainous land, through undergrowth of deer browse, elder berry and sagebrush.

40.00 On NW. slope 300 ft. below sec. cor., in edge of aspen timber, brs. N. and S.

Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 23
	S 26

1935

from which

An aspen, 14 ins. diam., brs. S. 65° W., 77 lks. dist., marked $\frac{1}{4}$ S 26 B T.

An aspen, 16 ins. diam., brs. N. 24° W., 152 lks. dist., marked $\frac{1}{4}$ S 23 B T.

Continue descent over NW. slope through aspen timber.

46.00 Leave timber, brs. N. and S.

48.50 Ravine, 120 ft. below $\frac{1}{4}$ sec. cor., course S. 20° W.; ascend E. slope, entering dense aspen timber.

49.40 Old road, brs. NE. and S. 20° W.; leave timber.

62.00 Ridge, 235 ft. above ravine, brs. N. 55° E., and S. 55° W.; descend steep NW. slope.

63.50 Enter medium dense aspen, brs. N. 60° E., and S.

73.40 Cross top of ridge, brs. NW. and SE.; descend SW. slope leaving timber and entering undergrowth of choke cherry and deer browse, brs. NW. and SE.

80.00 The cor. of secs. 22, 23, 26, and 27, 350 ft. below ridge at 62.00 ch. point.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

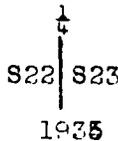
Land, mountainous with steep slopes; drainage SW.
Soil, dark heavy clay loam, rich in humus; rocky; 2nd
and 3rd rate.
Timber, aspen on portions of mile.
Undergrowth, deer browse, elder berry, and chokecherry.
Medium growth of grass and weeds.
Good grazing land.

N. 0° 12'E., bet. secs. 22 and 23.

Ascend SW. slope over mountainous land, through medium
dense undergrowth of choke cherry, and deer browse.

- 1.00 Ridge, 20 ft. above sec. cor., brs. N. 70°W., and S. 70°E.;
descend steep N. slope; leave choke cherry and enter
medium dense fir and aspen timber, and scattered maple,
brs. with ridge.
- 10.00 Enter burned area, brs. NW. and SE.
- 31.00 Draw, course N. 5°E., from S. 30°W.; descend along bottom
of draw.
- 34.90 Ravine, 1210 ft. below ridge, course NW.; thence along
steep W. slope.
- 40.31 Proportionate point, on steep W. slope in burned area.

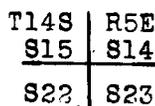
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground for $\frac{1}{4}$ sec. cor., with brass cap marked



raise a mound
of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high W. of cor.

- 43.00 Point of spur, 30 ft. above $\frac{1}{4}$ sec. cor., slopes NW.;
descend steep N. slope.
- 52.00 Trail, brs. S. 70°W., and N. 70°E.
- 53.00 Birch Creek, a stream of clear water, 10 lks. wide, 6 ins.
deep in bottom of canyon, 270 ft. below point of spur,
course S. 70°W.; ascend SW. slope through dense oak, choke
cherry, and mountain laurel undergrowth, and scattered
small aspen.
- 80.62 Proportionate point, on steep SW. slope, 720 ft. above
canyon and in dense brush.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground to solid rock and in mound of stone to top,
for cor. of secs. 14, 15, 22, and 23, with brass cap
marked



1935

from which

W. face of sandstone ledge, facing W., 15 ft. high
1 ch. long, marked B+O, brs. N. 48° 30'E., 33 lks. dist.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

Top and near E. end of sandstone boulder 5 ft. x 4 ft.
3 ft. above ground, marked (X), brs. S.44°W., 14 lks.
dist.

Raise a mound of stone 3 ft. base, 3 ft. high W. of cor.

Land, mountainous with steep slopes; westerly drainage
and exposure.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd and
3rd rate.

Timber, aspen, Douglas fir and balsam on portion of mile.
Undergrowth, oak, choke cherry, deer browse, and mountain
laurel; medium growth of weeds and grass.
Good grazing land.

From the cor. of secs. 13, 14, 23, and 24.

N. 88° 59'W., bet. secs. 14 and 23.

Descend along steep N. slope over mountainous land, through
medium dense fir and scattered aspen timber, and under-
growth of deer browse, elder berry, and wild currant.

13.00 Small spring branch, course NW.

24.00 Descend steep NW. slope.

35.50 Stream of clear water, 4 lks. wide, 2 ins. deep, in bottom
of canyon, 500 ft. below sec. cor., course S.60°W.;
ascend steep SE. slope, entering dense aspen and scattered
fir timber, brs. with canyon.

40.05 Proportionate point on steep SE. slope, 125 ft. above
canyon.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
ground to solid rock and in mound of stone to top, for $\frac{1}{4}$
sec. cor., with brass cap marked

$$\begin{array}{r} \text{S } 14 \\ \frac{1}{4} \text{ ---} \\ \text{S } 23 \end{array}$$

1935

from which

A Douglas fir, 3 ins. diam., brs. S.30° 45'W., 32 lks.
dist., marked $\frac{1}{4}$ S. 23 B T.

An aspen, 5 ins. diam., brs. N..0° 30'W., 6 lks.
dist., marked $\frac{1}{4}$ S 14 B T.

42.00 Ascend along steep S. slope.

47.50 Leave aspen timber, enter medium growth of oak and
mountain laurel, brs. NE. and SW.

50.00 Top of ascent, 75 ft. above $\frac{1}{4}$ sec. cor., slopes S.; descend
steep SW. slope.

51.00 Leave oak and laurel, enter dense aspen, brs. N. and S.

56.50 Stream of clear water, 2 lks. wide, 2 ins. deep, in
ravine, 220 ft. below top of ascent, course S. 20°W.;
ascend steep SE. slope.

63.00 Enter oak brush and scattered aspen, brs. N. and S.

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains	
68.00	Leave timber, brs. N. and S.
70.00	Ascend along steep S. slope.
71.50	Spur, 380 ft. above ravine, slopes S. 30°W.; enter aspen timber.
79.00	Top of small ledge, 15 ft. high, brs. N. and S.; leave aspen, enter oak, choke cherry, and deer browse, brs. N. and S.
80.11	The cor. of secs. 14, 15, 23, and 23, 120 ft. below spur. Land, mountainous with steep slopes; Drainage SW. Soil, rocky dark heavy clay loam, rich in humus; 2nd and 3rd rate. Timber, aspen, Douglas fir and balsam on portions of mile. Undergrowth, oak, deer browse, choke cherry; medium growth of weeds and grass. Good grazing land.
<hr style="width: 20%; margin: 10px auto;"/>	
	N. 0°-24'W., bet. secs. 14 and 15.
	Ascend steep SW. slope over mountainous land, through dense undergrowth of maple, mountain laurel, and small scrub aspen.
23.00	Ridge and divide bet. Birch Creek and N. Fork of Birch Creek, 700 ft. above sec. cor., brs. N. 70°E., and S. 70°W.; descend steep NW. slope, entering dense aspen and fir timber, and scattered undergrowth of willows, elder berry, and deer browse, brs. with ridge.
40.31	Proportionate point, on steep NW. slope 430 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	An aspen, 7 ins. diam., brs. S. 27°E., 12 lks. dist., marked $\frac{1}{4}$ S 14 B T.
	An aspen, 8 ins. diam., brs. N. 35° W., 160 lks. dist. marked $\frac{1}{4}$ S 15 B T.
71.40	Stream of clear water, 5 lks. wide, 2 ins. deep, in bottom of canyon, 830 ft. below $\frac{1}{4}$ sec. cor., course S. 30°W.; ascend steep S. slope, leaving timber, enter dense undergrowth of oak, choke cherry, deer browse, and mountain laurel, brs. with canyon.
80.62	Proportionate point, at top of ascent on point of spur, 420 ft. above canyon, slopes SW., and at edge of aspen timber, brs. NE. and SW. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 10, 11, 14, and 15, with brass cap marked

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

T14S	R5E
S10	S11
S15	S14

1935

from which

- An aspen, 4 ins. diam., brs. N. 3° E., 56 lks. dist., marked T 14 S R 5 E S 11 B T.
- A balsam, 8 ins. diam., brs. S. 1° 15' E., 100 lks. dist., marked T 14 S R 5 E S 14 B T.
- An aspen, 4 ins. diam., brs. S. 85° W., 22 lks. dist., marked T 14 S R 5 E S 15 B T.
- An aspen, 5 ins. diam., brs. N. 39° 30' W., 16 lks. dist., marked T 14 S R 5 E S 10 B T.

Land, mountainous with steep slopes and westerly exposure. Soil, rocky, dark heavy clay loam, rich in humus; 2nd and 3rd rate.

Timber, aspen and Douglas fir and balsam on portions of mill Undergrowth, oak, maple, choke cherry, deer browse, elder berry and mountain laurel; medium growth of weeds and grass. Excellent grazing land.

From the cor. of secs. 11, 12, 13, and 14.

N. 88° 33' W., bet. secs. 11 and 14.

Descend W. slope over mountainous land, through medium dense aspen and scattered fir timber, and undergrowth of deer browse and elder berry.

12.20 Stream of clear water, 3 lks. wide, 2 ins. deep, in draw, 250 ft. below sec. cor., course N. 70° W.; descend NW. slope.

19.80 Stream of clear water, 3 lks. wide, 1 in. deep, in draw 300 ft. below sec. cor., course NW.; continue descent over NW. slope.

26.70 Stream of clear water, 6 lks. wide, 3 ins. deep, in canyon 430 ft. below sec. cor., course SW.; ascend SE. slope.

33.00 Top of ascent, 110 ft. above canyon, slopes S.; thence along S. slope.

40.05 Proportionate point, on S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 11
$\frac{1}{4}$
S 14

1935

from which

An aspen, 7 ins. diam., brs. S. 2° 15' W., 68 lks. dist., marked $\frac{1}{4}$ S 14 B T.

An aspen, 6 ins. diam., brs. N. 35° 30' W., 78 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Descend along steep broken S. slope.

45.00 Leave timber, enter dense oak and scattered choke cherry, service berry and maple brush, brs. N. and S.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

80.11 The cor. of secs. 10, 11, 14, and 15, 480 ft. below $\frac{1}{4}$ sec. cor.
Land, mountainous with steep slopes; SW. exposure and drainage.
Soil, rocky, sandy and clay loam; rich in humus; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam on portion of mile.
Undergrowth, oak, scattered choke cherry, service berry, deer browse, and maple. Medium growth of weeds and grass. Good grazing land.

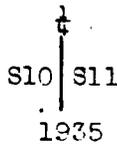
N. 0° 23' W., bet. secs. 10 and 11.

Descend gradually along steep W. slope over mountainous land, through medium dense aspen timber, and undergrowth of oak, choke cherry, service berry and deer browse.

26.00 Stream of clear water, 5 lks. wide, 3 ins. deep, in canyon 100 ft. below sec. cor., course S. 30° W.; ascend along steep E. slope.

40.31 Proportionate point, on steep E. slope, 225 ft. above canyon, and about 3 chs. W. of bottom of canyon.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

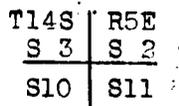
An aspen, 6 ins. diam., brs. N. 88° 30' E., 18 lks. dist., marked $\frac{1}{4}$ S 11 B T.

An aspen, 10 ins. diam., brs. S. 69° 30' W., 38 lks. dist., marked $\frac{1}{4}$ S 10 B T.

58.00 Ravine, 275 ft. above $\frac{1}{4}$ sec. cor., course SE.; ascend SW. slope, entering scattered undergrowth of elder berry and deer browse.

80.62 Proportionate point, on SW. slope, 500 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked



1935

from which

An aspen, 7 ins. diam., brs. N. 49° 15' E., 39 lks. dist., marked T 14 S R 5 E S 2 B T.

An aspen, 8 ins. diam., brs. S. 36° E., 42 lks. dist., marked T 14 S R 5 E S 11 B T.

An aspen, 6 ins. diam., brs. S. 60° 45' W., 27 lks. dist., marked T 14 S R 5 E S 10 B T.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

An aspen, 6 ins. diam., brs. N. 35° W., 70 lks. dist., marked T 14 S R 5 E S 3 B T.

Land, mountainous with steep slopes; drainage SW.
Soil, rocky sandy and clay loam, rich in humus; 2nd and 3rd rate.
Timber, medium dense aspen.
Undergrowth, oak, choke cherry, service berry, and deer browse; medium growth of weeds and grass.
Good grazing land.

From the cor. of secs. 1, 2, 11, and 12.

N. 88° 06' W., bet. secs. 2 and 11.

Descend SW. slope over mountainous land, through medium dense aspen timber, and scattered undergrowth.

16.00 Enter scattered fir timber.

18.90 Old road, brs. N. and S.

24.00 Stream of clear water, 2 lks. wide, 1 in. deep, in draw, course SW. about 1 ch. to junction with ravine, draining W.

31.75 Wash, 10 lks. wide, 6 ft. deep, course SW., about 2.00 chs to junction with ravine draining W.

40.09 Proportionate point, 400 ft. below sec. cor., and about 1 1/2 ch. N. of small stream of water in ravine, draining W.

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

S 2.

1/4

S 11

1935

from which

An aspen, 7 ins. diam., brs. N. 33° E., 6 lks. dist., marked 1/4 S 2 B T.

A Douglas fir, 36 ins. diam.; brs. S. 3° 30' W., 167 lks. dist., marked 1/4 S 11 B T.

53.00 Leave fir and enter dense aspen timber, brs. N. and S.

60.75 Small stream of clear water, in draw, 160 ft. below 1/4 sec. cor., course SW., about 3 chs. dist., to junction with ravine draining W.; ascend SE. slope.

63.00 Leave timber, enter medium dense undergrowth of deer browse, choke cherry, and elder berry, brs. S. and NW.

73.00 Enter medium dense aspen timber, and scattered undergrowth brs. N. and S.

79.00 Top of ascent, 320 ft. above draw, slopes S.; descend SW. slope.

80.18 The cor. of secs. 2, 3, 10, and 11.

Land, mountainous; SW. exposure and drainage.
Soil, dark heavy clay loam, rocky; 2nd and 3rd rate.
Timber, aspen and scattered Douglas fir and balsam on portions of mile.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

Undergrowth, deer browse, choke cherry, and elder berry;
medium growth of weeds and grass.
Excellent grazing land.

From the cor. of secs. 2, 3, 34, and 35, on N. bdy. of
Tp., heretofore described; thence

S. 3° 29'E., bet. secs. 2 and 3.

Descend SW. slope over mountainous land, through scattered
aspen timber, and undergrowth of maple, oak, deer browse,
and choke cherry.

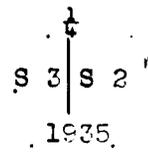
5.90 Blind Canyon, 190 ft. below sec. cor., course W., ascend
NW. slope.

10.00 Ascend along W. slope.

15.50 Draw, 100 ft. above canyon, course N. 35°W.; ascend steep
N. slope, entering dense aspen and fir timber, and scattered
undergrowth, brs. with draw.

40.58 Proportionate point, on steep N. slope, 740 ft. above
Blind Canyon.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A balsam, 12 ins. diam., brs. S. 49° E., 50 lks. dist.,
marked $\frac{1}{4}$ S 2 B T.

A balsam, 10 ins. diam., brs. S. 87° W., 82 lks. dist.,
marked $\frac{1}{4}$ S 3 B T.

42.00 Leave timber, brs. E. and W.

44.00 Ridge and divide bet. Spring Creek and Blind Canyon, 70
ft. above $\frac{1}{4}$ sec. cor., brs. N. 70° W., and S. 70°E.;
descend SW. slope.

45.00 Enter dense choke cherry brush, brs. E. and W.

46.50 Enter medium dense aspen timber, and scattered undergrowth
brs. NW. and SE.

55.00 Head of Spring Creek Canyon, 125 ft. below ridge, course
W., ascend NW. slope.

59.00 Enter medium dense fir and scattered aspen, brs. E. and W.

73.00 Ridge, and divide bet. Spring Creek and Left Fork of Birch
Creek, 210 ft. above head of canyon, brs. N. 80°E., and
S. 80°W.; descend SW. slope leaving fir and entering
medium dense aspen timber. brs. with ridge.

73.60 Trail, brs. N. 80°E., and S. 90°W.

80.96 The cor. of secs. 2, 3, 10, and 11, 150 ft. below ridge.

Land, mountainous with steep slopes; NW. and W. drainage
and exposure.

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains	
	Soil, rocky, heavy clay loam, rich in humus; 2nd and 3rd rate. Timber, aspen, balsam and Douglas fir on portions of mile. Undergrowth, deer browse, choke cherry, maple, oak, and service berry brush; medium growth of weeds and grass. Excellent grazing land.
	From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., heretofore described; thence N. 0° 20' W., bet. secs. 33 and 34. Descend NW. slope over mountainous land, through dense undergrowth of maple and scattered oak, choke cherry and deer browse.
16.00	Enter scattered aspen timber, brs. NE. and SW.
19.80	Four strand barbed wire fence, brs. E. and W.; cor. of fences bearing N., S., and W., brs. E. 1.20 chs. dist.
21.50	Trail, brs. NE. and SW.
26.00	South Fork of North Creek, a stream of clear water, 20 lvs. wide, 4 ins. deep, in bottom of canyon 350 ft. below sec. cor., course W.; end of woven wire fence bearing S., brs. E. 1.20 chs. dist.; ascend steep S. slope, leaving timber, enter dense oak and choke cherry brush and scattered maple and service berry undergrowth, brs. with canyon.
38.79	On steep S. slope 450 ft. above canyon. The original $\frac{1}{4}$ sec. cor., which is a sandstone, 13 x 14 x 5 ins., firmly set in the ground and in old mound of stone and marked $\frac{1}{4}$ on W. face. At cor. point. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with original cor. monument deposited alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S33 | S34 1935 </div> raise a mound of stone, 2 ft. base, 2 ft. high W. of cor.
47.00	Head of small draw, course SW.
54.00	Spur, 250 ft. above $\frac{1}{4}$ sec. cor., projects S. 80° W.; descend NW. slope, entering scattered aspen timber.
60.00	Enter dense fir and aspen timber, and scattered undergrowth brs. NE. and SW.
63.00	Leave timber, enter dense undergrowth of oak, choke cherry and deer browse, and scattered service berry brush, brs. E. and W.
64.50	Ravine, 190 ft. below spur, course S. 60° W.; ascend S. slope.
78.50	Spur, 260 ft. above ravine, projects SW.; thence along W. slope.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

79.29

On gentle W. slope in edge of aspen timber, brs. NE. and SW.

The cor. of secs. 27, 28, 33, and 34, which is a limestone, 10 x 8 x 6 ins., marked 3 notches on E., and 1 notch on S. edge, and firmly set in the ground and old mound of stone.

At cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground with original cor. monument deposited alongside, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T14S	R5E
S28	S27
S33	S34

1335

from which

An aspen, 6 ins. diam., brs. N.33° 30'E., 34 lks. dist., marked T 14 S R 5 E S 27 B T.

An aspen, 6 ins. diam., brs. S. 50° 45'E., 34 lks. dist., marked T 14 S R 5 E S 34 B T.

An aspen, 6 ins. diam., brs. S. 2° W., 27 lks. dist., marked T 14 S R 5 E S 33 B T.

No suitable bearing tree available in sec. 28. Raise a mound of stone, 2 ft. base, 2 ft. high W. of cor.

Land, mountainous with steep slopes; W. exposure and drainage.

Soil, rocky clay loam, rich in humus; 2nd and 3rd rate.

Timber, aspen, balsam and Douglas fir on portions of mile.

Undergrowth, oak, choke cherry, maple, deer browse, and service berry. Medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 26, 27, 34, and 35.

S. 88° 34' W., bet. secs. 27 and 34.

Ascend E. slope over mountainous land, through dense aspen timber, and scattered undergrowth of deer browse, elder berry, and choke cherry.

4.50

Ridge and divide bet. North Creek and North Fork of North Creek, 40 ft. above sec. cor., brs. N. 10°E., and S. 20°W. descend gentle W. slope.

5.30

Trail, brs. with ridge.

6.00

Descent over abrupt rocky W. slope.

11.00

Trail, brs. N. and S.

17.00

Enter willows, brs. N. and S.

24.00

Foot of abrupt descent, brs. N. and S.; descend W. slope, leaving willows.

38.63

Proportionate point, on W. slope, 830 ft. below ridge, and

103-4

RECORDS DEPARTMENT OF
PORTION OF SUBDIVISION OF T. 14 S., R. 12 E., S. 1.

Chains

in dense aspen timber.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 37 \\ \hline S\ 34 \\ 1935 \end{array}$$

from which

An aspen, 5 ins. diam., brs. N. 22° 15' E., 17 lbs. dist., marked $\frac{1}{4}$ S 27 B T.

An aspen, 6 ins. diam., brs. S. 6° 30' E., 8 lbs. dist., marked $\frac{1}{4}$ S 34 B T.

- 58.30 Ravine, 300 ft. below $\frac{1}{4}$ sec. cor.; stream of clear water, 2 lks. wide, 2 ins. deep, course S.; ascend SE. slope.
- 64.00 Small draw, course S.; leave aspen timber, enter dense oak, and scattered choke cherry, and service berry, brs. N. and S.; continue over SE. slope.
- 68.75 Small draw, course S. 60° W.
- 75.00 Spur, 90 ft. above ravine, slopes S. 70° W.; descend W. slope.
- 77.26 The cor. of secs. 27, 28, 33, and 34.

Land, mountainous with steep slopes on E. portion; W. exposure.
 Soil, coarse rocky clay loam, rich in humus; 2nd and 3rd rate.
 Timber, dense aspen on portion of mile.
 Undergrowth, oak, choke cherry, service berry, and deer browse. Medium growth of weeds and grass.
 Good grazing land.

N. 0° 20' W., bet. secs. 27 and 28.

Along W. slope over mountainous land, through aspen timber and dense choke cherry and deer browse undergrowth.

- 9.15 Trail, brs. E. and W.
- 4.50 Trail, brs. E. and W.; enter dense oak and scattered choke cherry brush, brs. E. and W.
- 7.00 Descend NW. slope.
- 13.80 Draw, 50 ft. below sec. cor., course W.; leave timber, brs. E. and W.; ascend SW. slope.
- 18.00 Spur, 55 ft. above draw, slopes S. 70° W.; descend NW. slope.
- 20.00 Enter medium dense aspen timber, and scattered undergrowth brs. E. and W.
- 25.70 Trail, brs. NW. and SE.; enter medium dense fir timber, brs. E. and W.
- 35.00 Enter scattered timber, and dense maple brush, brs. E. and W.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

39.50 Proportionate point, on NW. slope 180 ft. below spur.

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



from which

A balsam, 8 ins. diam., brs. N. 65° E., 7 lks. dist., marked $\frac{1}{4}$ S 27 B T.

A balsam, 30 ins. diam., brs. S. 78° W., 65 lks. dist., marked $\frac{1}{4}$ S 28 B T.

40.00 Small draw, 10 ft. below $\frac{1}{4}$ sec. cor., course NW.; ascend.

41.50 Top of ascent, 10 ft. above draw, slopes NW.; descend NW. slope.

48.00 Enter dense fir and aspen timber, and scattered undergrowth brs. NE. and SW.

50.85 Small spring of clear water, brs. E. 40 lks. dist.

51.20 Trail, brs. N. 75° W., and S. 75° E.

53.40 North Fork of North Creek, a stream of clear water, 5 lks. wide, 7 ins. deep, in canyon, 170 ft. below $\frac{1}{4}$ sec. cor., course N. 80° W.; ascend steep SW. slope, leaving timber, enter dense oak and scattered service berry brush, brs. with canyon.

74.00 Top of ascent, 340 ft. above canyon, slopes W.; enter medium dense aspen timber, and scattered undergrowth, brs. E. and W.; descend NW. slope.

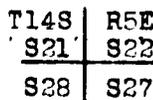
77.00 Draw, 15 ft. below top of ascent, course W.; ascend gentle SW. slope.

78.10 Old road, brs. N. 80° W., and S. 80° E.

78.01 The cor. of secs. 21, 22, 27, and 28, which is a sandstone, 15 x 10 x 2 ins., marked 3 notches on E., and 3 notches on S. edges, firmly set and unwitnessed.

At cor. point, on gentle SW. slope, 15 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument deposited alongside, and in a mound of stone to top, for cor. of secs. 21, 22, 27, and 28, with brass cap marked



1935

from which

An aspen, 8 ins. diam., brs. N. 29° 15' E., 37 lks. dist., marked T 14 S R 5 E S 22 B T.

An aspen, 6 ins. diam., brs. S. 47° E., 4 lks. dist., marked T 14 S R 5 E S 27 B T.

An aspen, 12 ins. diam., brs. S. 76° W., 116 lks. dist., marked T 14 S R 5 E S 28 B T.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

An aspen, 6 ins. diam., brs. N. 37° W., 5 lks. dist., marked T 14 S R 5 E S 21 B T.

Land, mountainous with a westerly exposure and drainage. Soil, coarse rocky clay loam, rich in humus; 2nd and 3rd rate. Timber, aspen, balsam and Douglas fir on portions of mile. Under growth, oak, choke cherry, service berry, deer browse and maple; medium growth of weeds and grass. Excellent grazing land.

From the cor. of secs. 22, 27, 28, and 27.

S. 97° 27' W., bet. secs. 22 and 27.

Descend SW. slope over mountainous land, through scattered aspen timber, and medium under growth of deer browse and choke cherry.

19.20 Head of ravine, 370 ft. below sec. cor., course S.; ascend SE. slope; leave timber, enter dense choke cherry, brs. N. and S.

23.00 Enter scattered undergrowth, brs. NE. and SW.

26.00 High ridge, 100 ft. above ravine, brs. NE. and SW.; descend steep NW. slope, entering medium dense aspen timber, brs. NE. and SW.

36.00 Descend along steep N. slope, entering dense aspen timber.

40.09 Proportionate point, on N. slope 230 ft. below ridge.

Set an iron post, 13 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 22
 $\frac{1}{4}$ —————
S 27

1935

from which

An aspen, 8 ins. diam., brs. S. 42° W., 29 lks. dist., marked $\frac{1}{4}$ S 27 B T.

An aspen, 9 ins. diam., brs. N. 14° W., 31 lks. dist., marked $\frac{1}{4}$ S 22 B T.

43.00 Descend W. slope.

68.00 Enter medium dense undergrowth of maple, choke cherry, and deer browse, and medium growth of aspen, brs. N. and S.

80.18 The cor. of secs. 21, 23, 27, and 28, 510 ft. below $\frac{1}{4}$ sec. cor.

Land, mountainous; westerly exposure.

Soil, dark sandy and clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen on portions of mile.

Undergrowth, choke cherry, maple, and deer browse. Medium growth of weeds and grass.

Good grazing land.

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

N. 0° 04' W., bet. secs. 21 and 22.

Along gentle W. slope on ridge, over mountainous land, through medium dense aspen timber, and undergrowth of choke cherry, maple, service berry, and deer browse.

10.00 Descend over rolling N. slope, brs. E. and W.; leave top of ridge.

21.00 Descend over steep N. slope, brs. E. and W.

40.32 On N. slope, 550 ft. below sec. cor.

The $\frac{1}{4}$ sec. cor., which is a sandstone, 16 x 15 x 13 ins., firmly set in the ground, unwitnessed, and marked $\frac{1}{4}$ on W. face. At cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground with original cor. monument deposited alongside, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22

1935

from which

A maple, 4 ins. diam., brs. N. 85° E., 57 lks dist., marked $\frac{1}{4}$ S 22 B T.

A maple, 6 ins. diam., brs. S. 43° 15' W., 61 lks. dist., marked $\frac{1}{4}$ S 21 B T.

Thence

N. 0° 41' E., with continuous measurement.

47.50 Trail in small draw, course NE.; descend along NE. slope.

57.00 Trail, brs. E. and W.; leave timber, enter dense undergrowth of oak, and scattered maple, choke cherry, service berry, and deer browse, brs. E. and W.

58.60 Pole fence, brs. E. and W.

61.00 Birch Creek, stream of clear water, 10 lks. wide, 6 ins. deep, in canyon; 200 ft. below $\frac{1}{4}$ sec. cor., course W.; ascend steep SW. slope.

63.20 Old road, brs. E. and W.

78.50 Head of small draw, course S. 20° W.; ascend SE. slope.

81.02 Proportionate distance, on SE. slope, 325 ft. above canyon, and in dense brush, between the $\frac{1}{4}$ sec. cor. of secs. 21 and 22 and the restored corner of secs. 3, 4, 33, and 34 on the north bdy. and at record dist. from the cor. of secs. 13, 18, 19, and 24 on the west bdy., heretofore described, which bears N. 89° 58' W. 239.90 chs.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground and in mound of stone to top, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T14S | R5E
 S16 | S15
 S21 | S22

1935

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains	
	<p style="text-align: right;">321.510</p> <p>stone, 2$\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. raise a mound of</p> <p>Land, mountainous; westerly exposure and drainage. Soil, dark coarse sandy and clay loam, rich in humus; rocky; 2nd and 3rd rate. Timber, aspen on portion of mile. Undergrowth, oak, choke cherry, maple, service berry, and deer browse. Medium growth of weeds and grass. Good grazing land.</p> <hr/> <p>From the cor. of secs. 14, 15, 22, and 23. S. 87° 39' W., bet. secs. 15 and 22. Descend SW. slope over mountainous land, through dense oak brush undergrowth.</p>
4.50	Draw, 90 ft. below sec. cor., course S.; ascend steep E. slope.
9.00	Enter aspen timber and leave oak, brs. N. and S.
13.50	Leave aspen, enter choke cherry undergrowth, brs. N. and S.
16.00	Spur, 420 ft. above draw, projects S. 15° E.; descend steep SW. slope, leaving choke cherry, and enter oak and service berry brush, brs. with spur.
30.20	Ravine, 225 ft. below spur, course S.; ascend rocky E. slope.
36.50	Spur, 170 ft. above ravine, projects S. 50° W.; descend W. slope.
40.08	Proportionate point on W. slope 80 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{l} S 15 \\ S 22 \end{array}$ <p>1935</p> <p style="text-align: right;">from which</p> <p>An aspen, 6 ins. diam., brs. S. 61° E., 40 lks. dist., marked $\frac{1}{4}$ S 22 B T.</p> <p>An aspen, 8 ins. diam., brs. N. 14° W., 157 lks. dist., marked $\frac{1}{4}$ S 15 B T.</p>
	Cor. stands in E. edge of aspen timber, brs. N. and S.
	Continue descent over abrupt W. slope through aspen.
45.00	Leave aspen, brs. N. and S.
55.00	Top of broken sandstone ledge, brs. N. and S.
59.00	Foot of abrupt W. slope, brs. N. and S.; descend over rolling W. slope, through scattered aspen timber, and dense oak brush, brs. N. and S.
65.75	Head of draw, 720 ft. below $\frac{1}{4}$ sec. cor., course S. 20° W.; ascend SE. slope.

NO. 11111 DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

- 75.50 Top of ascent, 40 ft. above draw, slopes S.; descend SW. slope.
- 79.40 Head of draw, 70 ft. below top of ascent, course S. 20° W.; ascend SE. slope.
- 80.17 The cor. of secs. 15, 16, 21, and 22, 20 ft. above draw. Land; mountainous with steep broken slopes; SW. exposure and drainage. Soil, coarse rocky sandy and clay loam, rich in humus; 2nd to 4th rate. Timber, aspen on portion of mile. Undergrowth, oak, choke cherry, service berry, and deer browse; medium growth of weeds and grass. Good grazing land.
-
- N. 0° 27' W., bet. secs. 15 and 16.
- Ascend SE. slope over mountainous land, through dense undergrowth of oak, choke cherry, service berry, and deer browse.
- 3.50 Barbed wire fence, 3 strand, brs. E. and W.
- 12.00 Spur, 160 ft. above sec. cor., projects S. 70° W.; descend N. slope.
- 27.50 Enter medium dense aspen timber and scattered undergrowth, brs. E. and W.
- 30.60 Descend along W. slope.
- 32.00 Enter scattered timber and dense oak and maple undergrowth, brs. E. and W.
- 40.69 Proportionate point, on W. slope, 330 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 2 1/2 ins. in the ground to solid rock and in mound of stone to top, for 1/4 sec. cor., with brass cap marked
- 1/4

S16 | S15

1935
- from which
- An aspen, 6 ins. diam., brs. N. 40° E., 4 lks. dist., marked 1/4 S 15 B T.
- An aspen, 7 ins. diam., brs. S. 65° W., 14 lks. dist., marked 1/4 S 16 B T.
- 45.70 Descend abrupt N. slope, entering dense fir and aspen timber, and scattered undergrowth, brs. E. and W.
- 49.50 North Fork of Birch Creek, a stream of clear water, 10 lks. wide, 6 ins. deep, in canyon, 160 ft. below 1/4 sec. cor., course W.; ascend SE. slope.
- 51.00 Trail along canyon, brs. E. and W.; leave timber, enter dense oak and maple brush, brs. E. and W.
- 53.20 Small stream of clear water, course SW., from NE.
- 73.00 Small draw, course SE.; ascend SW. slope.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

21150

81.39

Proportionate distance on SW. slope, 700 ft. above canyon, between the $\frac{1}{4}$ sec. cor. of secs. 21 and 22 and the restore cor. of secs. 3, 4, 33 and 34 on the north bdy. and at record dist. from the proportionate point for the corner of secs. 7, 12, 13, and 18 on the west bdy. heretofore described, which bears S. $89^{\circ} 45'$ W. 239.72 chs.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T14S	R5E
S 9	S10
S16	S15

1935

from which

An oak, 6 ins. diam., brs. N. 35° E., 27 lks. dist., marked T 14 S R 5 E S 10 B T.

An oak, 6 ins. diam., brs. S. 15° E., 32 lks. dist., marked T 14 S R 5 E S 15 B T.

An aspen, 8 ins. diam., brs. S. 60° W., 166 lks. dist., marked T 14 S R 5 E S 16 B T.

An aspen, 8 ins. diam., brs. N. 49° W., 186 lks. dist., marked T 14 S R 5 E S 9 B T.

Land, mountainous with steep slopes.

Soil, coarse rocky sandy and clay loam, rich in humus; 2nd and 3rd rate.

Timber, aspen, Douglas fir and balsam on portions of mile.

Undergrowth, oak, choke cherry, service berry, maple, and deer browse; medium growth of weeds and grass.

Good grazing land.

From the cor. of secs. 10, 11, 14, and 15.

S. $88^{\circ} 15'$ W., bet. secs. 10 and 15.

Descend steep W. slope over mountainous land, through aspen timber, and undergrowth of oak, choke cherry, service berry, and deer browse.

9.25

Stream of clear water, 5 lks. wide, 2 ins. deep, in bottom of rocky canyon, 360 ft. below sec. cor., course S. 30° W.; ascend abrupt and steep E. slope.

14.00

Leave timber, brs. N. and S.

28.50

Top of ascent on rocky point of spur, 40 ft. above canyon slopes S.; descend SW. slope.

32.50

Head of small draw, 40 ft. below top of ascent, course S.; ascend SE. slope.

35.00

Rocky point of spur, 70 ft. above draw, slopes S. 30° W.; descend steep rocky W. slope.

38.00

Enter dense aspen timber, and scattered undergrowth of choke cherry, service berry, and deer browse, leaving oak, brs. N. and S.

40.12

Proportionate point, on rocky W. slope 200 ft. below point of 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

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

$\frac{1}{4}$ S 10
S 15
1935

from which

An aspen, 6 ins. diam., brs. S. 55° E., 10 lks.
dist., marked $\frac{1}{4}$ S 15 B T.

An aspen, 4 ins. diam., brs. N. 46° W., 12 lks.
dist., marked $\frac{1}{4}$ S 10 B T.

- 63.10 Stream of clear water, 2 lks. wide, 1 in. deep, in ravine, 590 ft. below $\frac{1}{4}$ sec. cor., course S.; ascend SE. slope, entering scattered timber, and dense undergrowth of oak, choke cherry, service berry and maple, brs. N. and S.
- 64.00 Top of ascent, 20 ft. above ravine, slopes S.; descend W. slope.
- 68.20 Draw, 20 ft. below top of ascent, course SE.; ascend steep E. slope.
- 76.00 Top of ascent, 230 ft. above draw, slopes S.; descend SW. slope.
- 80.24 The cor. of secs. 9, 10, 15, and 16, 15 ft. below top of ascent.

Land, mountainous with steep rocky slopes; SW. exposure. Soil, coarse rocky sandy and clay loam, rich in humus; 2nd to 4th rate.

Timber, aspen on portions of mile.

Undergrowth, oak, choke cherry, service berry, maple and deer browse. Medium growth of weeds and grass.

Good grazing land.

N. 0° 15' W., bet. secs. 9 and 10.

Ascend SW. slope over mountainous land, through aspen timber, and undergrowth of oak, maple and deer browse.

- 5.00 Ascend steep SE. slope, entering scattered aspen and dense oak brush, brs. NW. and SE.
- 14.00 Enter dense aspen timber, and scattered oak, maple, and choke cherry undergrowth, brs. NE. and SW.
- 27.00 Leave aspen, enter dense oak, choke cherry, service berry, and deer browse, brs. NW. and SE.
- 35.50 Ridge, 430 ft. above sec. cor., brs. NE. and SW.; descend NW. slope.
- 40.69 Proportionate point, on NW. slope, 10 ft. below ridge, Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 9 | S 10
1935

from which

A balsam, 20 ins. diam., brs. S. 68° W., 67 lks.
dist., marked $\frac{1}{4}$ S 9 B T.

No other suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

DEPENDENT RESURVEY OF
 PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains
 41.50 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., course SW.; ascend SW. slope
 52.00 Top of ascent on spur, 85 ft. above $\frac{1}{4}$ sec. cor., slopes
 W.; descend NW. slope, entering medium dense aspen and
 maple, brs. E. and W.
 65.00 Leave aspen, enter medium dense maple and deer browse, brs.
 E. and W.
 72.00 Enter medium dense aspen and scattered fir timber, and
 scattered undergrowth, brs. E. and W.
 81.39 Proportionate distance, on NW. slope 110 ft. below spur,
 between the $\frac{1}{4}$ sec. cor. of secs. 21 and 22 and the restored
 cor. of secs. 3, 4, 33, and 34 on the north bdy. and at
 record dist. from the proportionate point for the cor. of
 secs. 1, 6, 7, and 12 heretofore described which bears
 S. $89^{\circ} 32'$ W. 239.88 chs.
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 the ground for cor. of secs. 3, 4, 9, and 10, with brass
 cap marked

T14S	R5E
S 4	S 3
S 9	S 10

1935

from which

A balsam, 30 ins. diam., brs. N. $65^{\circ} 30'$ E.,
 70 lks. dist., marked T 14 S R 5 E S 3 B T.

An aspen, 8 ins. diam., brs. S. $83^{\circ} 45'$ E.,
 42 lks. dist., marked T 14 S R 5 E S 10 B T.

An aspen, 10 ins. diam., brs. S. $55^{\circ} 30'$ W.,
 14 lks. dist., marked T 14 S R 5 E S 9 B T.

An aspen, 10 ins. diam., brs. N. 86° W., 34
 lks. dist., marked T 14 S R 5 E S 4 B T.

Land, mountainous with steep slopes.
 Soil, coarse rocky sandy and clay loam, rich in humus;
 2nd and 3rd rate.
 Timber, aspen and scattered balsam and Douglas fir on
 portions of mile.
 Undergrowth, oak, maple, choke cherry, service berry, and
 deer browse; medium growth of weeds and grass.
 Good grazing land.

From the cor. of secs. 2, 3, 10, and 11.

S. $88^{\circ} 44'$ W., bet. secs. 3 and 10.

Descend SW. slope over mountainous land, through dense
 aspen timber, and scattered undergrowth of deer browse
 and elder berry.

7.60 Head of draw, 40 ft. below sec. cor., course S.; ascend
 SE. slope.
 18.50 Ridge, 170 ft. above draw, brs. NE. and SW.; descend NW.
 slope, entering dense fir and scattered aspen, brs. with
 ridge.
 26.50 Enter dense aspen and scattered fir timber, brs. NE. and
 SW.
 39.98 Proportionate point, 270 ft. below ridge on NW. slope.

DEPENDENT RESURVEY OF PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

Set an iron post, 3 ft. long, 1 in. diameter, 30 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$$\frac{1}{4} \begin{array}{c} \text{S 3} \\ \hline \text{S 10} \\ 1935 \end{array}$$

from which

An aspen, 8 ins. diameter, bears N.27°30'E., 31 links distant, marked $\frac{1}{4}$ S3 BT

An aspen, 8 ins. diameter, bears S.58°E., 16 links distant, marked $\frac{1}{4}$ S 10 BT

- 51.50 Draw, 260 ft. below $\frac{1}{4}$ section corner, course NW.; ascend NE. slope.
- 61.00 Top of ascent, 40 ft. above draw, slopes N.; descend NW. slope.
- 79.97 The corner of sections 3, 4, 9, and 10, 180 ft. below top of ascent.

Land, mountainous; NW. exposure and drainage.

Soil, dark heavy clay loam, rocky; rich in humus; 2nd and 3rd rate.

Timber, aspen, balsam and Douglas fir on portions of mile. Undergrowth, deer browse, elder berry and scattered choke cherry and maple; medium growth of weeds and grass. Excellent grazing land.

From the corner of sections 3, 4, 33, and 34, on N. boundary of township, heretofore described.

S.2°45'E., between sections 3 and 4.

Ascend NE. slope over mountainous land, through medium dense aspen and fir timber, and scattered undergrowth of deer browse, elder berry and choke cherry.

- 1.20 Old ditch, 5 links wide, 6 ins. deep, course NW.
- 21.00 Ridge, 340 ft. above section corner, bears NW. and SE.; descend SW. slope; entering scattered aspen timber and dense undergrowth of service berry and scattered deer browse and maple, bears with ridge
- 40.71 Proportionate point, on SW. slope, 110 ft. below ridge, in edge of aspen timber.

Set an iron post, 3 ft. long, 1 in. diameter, 28 ins. in the ground, for $\frac{1}{4}$ section corner, with brass cap marked

$$\frac{1}{4} \begin{array}{c} \text{S4} \mid \text{S3} \\ 1935 \end{array}$$

from which

As aspen, 7 ins. diameter, bears S.73°E., 9 links distant, marked $\frac{1}{4}$ S3 BT

An aspen, 5 ins. diameter, bears S.46°W., 12 links distant, marked $\frac{1}{4}$ S4 BT

Continue descent over SW. slope, leaving timber, and enter dense oak and scattered service berry brush, bears E. and W.

DEPENDENT RESURVEY OF PORTION OF SUBDIVISION OF T. 14 S., R. 5 E.

Chains

67.75 Spring Creek, a stream of clear water, 4 links wide, 2 ins. deep, in bottom of canyon, 620 ft. below $\frac{1}{2}$ section corner, course 7° ; ascend NW. slope, leaving oak brush, and enter medium dense aspen and fir timber and scattered undergrowth of deer browse and maple, bears E. and W.

81.45 The corner of sections 3, 4, 9, and 10, 340 ft. above canyon.

Land, mountainous; drainage NW. and W.

Soil, dark heavy clay loam, rich in humus; rocky; 2nd and 3rd rate.

Timber, aspen, Douglas fir and balsam on portions of mile. Undergrowth, oak, deer browse, service berry, choke cherry and maple; medium growth of weeds and grass. Excellent grazing land.

FINAL TESTS OF INSTRUMENTS.

August 4, 1935, at camp located near the center of section 18, T. 14 S., R. 5 E., we test the solar apparatus of each instrument by comparing their indications with the true meridian established by Polaris observations made July 4, 1935, as follows:

At 7h 30m a.m., apparent time, we set off $39^{\circ}36'N.$, on the latitude arcs; $17^{\circ}25'N.$ on the declination arcs, and determine meridians with the solars of both instruments, which we find to agree with the true meridian.

At 5h p.m. apparent time, with the latitude arcs unchanged we set off $17^{\circ}19'N.$ on the declination arcs, and determine meridians with the solar of each instrument which we find to agree with the true meridian.

GENERAL DESCRIPTION

The east two ranges of this township are situated within the Manti National Forest. This portion of the township consists of high ridges and spurs, with rolling tops, ranging about 9000 feet above sea level, with a western exposure, breaking off with steep abrupt slopes into deep canyons and ravines, draining in a westerly and southwesterly direction.

Spring Creek, North Fork of Spring Creek, Birch Creek, North Fork of Birch Creek, and tributaries form the main drainage. Spring Creek heads in the west portion of section 2, and drains westerly through section 3. The North Fork of Birch Creek heads in section 12, and drains southwesterly through sections 11, 14 and 15. Birch Creek heads in section 24, and drains westerly through sections 23 and 22. North Fork of North Creek heads in section 25 and drains westerly through sections 26 and 27. The South Fork of North Creek heads in section 36, and drains westerly through sections 35 and 34. All these creeks have small streams of clear water, and are in deep canyons with narrow rugged bottoms and steep slopes, and are divided by high spurs projecting westerly and southwesterly from a main dividing ridge which extends in a northerly and southerly direction through the township near the east boundary. Along this ridge, a road, known as the Skyline Road, was under construction by the Forest Service which, when completed, will join the main highway, No. 50, at Tucker, Utah, in Soldier Creek, with the highway between Ephraim, Utah, and Castle Dale, Utah.

GENERAL DESCRIPTION.

This portion of the township is well watered by the small streams in the bottom of canyons heretofore mentioned, and by numerous small springs located in the eastern portion of the township, as shown on the plat.

The soil of this portion of the township is a deep heavy clay and sandy loam, rich in humus, and rocky in places, with numerous small sandstone outcrops near the tops of the ridges and spurs. The soil supports a dense growth of brushes, weeds and native grasses. Near the tops of the ridges and spurs, choke cherry, goose berry, elder berry, deer browse and scattered service berry predominate, while on the steep slopes of the canyons and ravines, dense oak brush and scattered maple are encountered.

On the north and northwest slopes dense balsam, Douglas fir and aspen timber is found. The fir trees range from small young trees to trees 24 inches in diameter, and the aspen range from small trees to trees 12 inches in diameter.

This portion of the township is well adapted to the grazing of stock, there being an abundant growth of grasses and weeds which afford excellent feed, and all parts are accessible to stock. Numerous sheep and cattle graze on this township during the summer months.

No part of this portion of the township is suitable for cultivation, the slopes being too steep and rough, and no settlers were living thereon. The $W\frac{1}{2}$ of section 3, all of sections 10, 15, 22, 27, and 34, included in this resurvey, are outside of the National Forest, and the major portions of these sections are privately owned and used for the grazing of sheep and cattle.

No indications of oil, oil shale, coal or valuable minerals were noted, and no evidence of prospecting for minerals was found.

The mean observed magnetic declination was found to be 16° 30' E.

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BOOK A-507

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Wilson McConkie	Principal Assistant.
Sidney R. Reese,	Principal Assistant.
Diran Broun,	Chainman
Kenneth V. Adams	Chainman
Clark C. Baldwin	Chainman
John H. Raley	Flagman
Harold Colvin	Flagman
Earl Lowry	Cornerman
Spencer Clawson	Cornerman
Don C. Elliott	Cornerman
Max W. Fowelson	Axeman
Fred L. Gadd,	Axeman
Robert E. Chappell	Axeman
J. Kenneth Flyvare	Axeman
Richard E. Severn	Axeman
William A. Stanley	Axeman
William R. Catrow	Axeman
William M. Burke	Axeman
George B. Malin	Axeman
Paul R. Strabel	Axeman
Bish Farley	Axeman
Arthur E. Granper	Axeman
Emerson Richie	Axeman
Frank P. Williams	Axeman
Richard H. Willey	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Ralph Gentry, U.S. Cadastral Engineer, Andrew Nelson, U.S. Surveyor, and Wilson McConkie, U.S. Transitman

I, ~~Andrew Nelson~~, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah, bearing date of the 17th day of March, 1934, and supplemental special instructions bearing date of the 3rd day of July, 1935, I have well, faithfully, and truly in ~~my~~ own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the retracement of portion of west boundary, and dependent resurvey of the east boundary, portion of the north and south boundaries, and portion of the subdivision, and the survey of portion of the subdivision, all of T. 14 S., R. 5 E.,

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} 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 District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Salt Lake City, Utah, Dec. 30, 1935.

Ralph Gentry U.S. Cadastral Engineer
Andrew Nelson U.S. Surveyor
Wilson McConkie U.S. Transitman

APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS, Denver, Colorado, Jan. 26, 1942

The foregoing field notes of the survey of the retracement of portion of the west boundary, dependent resurvey of the east boundary and portion of the north and south boundaries, and portion of the subdivision, and the survey of portion of the subdivision all of T. 14 S., R. 5 E., executed by Ralph Gentry, U.S. Cadastral Engineer, Andrew Nelson, U.S. Surveyor, and Wilson McConkie, U.S. Transitman, under their special instructions dated March 17, 1934, and supplemental special

instructions dated July 2, 1935, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Signature of U.S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in ... has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.