Book "A" 4154 ORIGINAL 93

4—679
(April 1933)

BOOK 4154

FIELD NOTES

OF THE SURVEY OF

4154

WEST BOUNDARY

NORTH BOUNDARY

and

SUBDIVISION LINES,

of

TOWNSHIP 39 NORTH, RANGE 5 EAST

Of the Gila and Salt River *Meridian,*

In the State of ARIZONA

EXECUTED BY

Bert E. Wakeman, Elliott Pearson,

Daniel M. Wier, and Bryan Routh

Transitmen (P.W.)

4154

Under supplemental special instructions dated March 27th, *19* 36, *which provided for the surveys included under Group No.* 181, Arizona, *bearing the approval of the Commissioner of the General Land Office under date of* July 24th, 1936 *and assignment instructions dated* November 9th & 11th, *19* 36

Survey commenced October 12th, *19* 36

Survey completed December 12th, *19* 36

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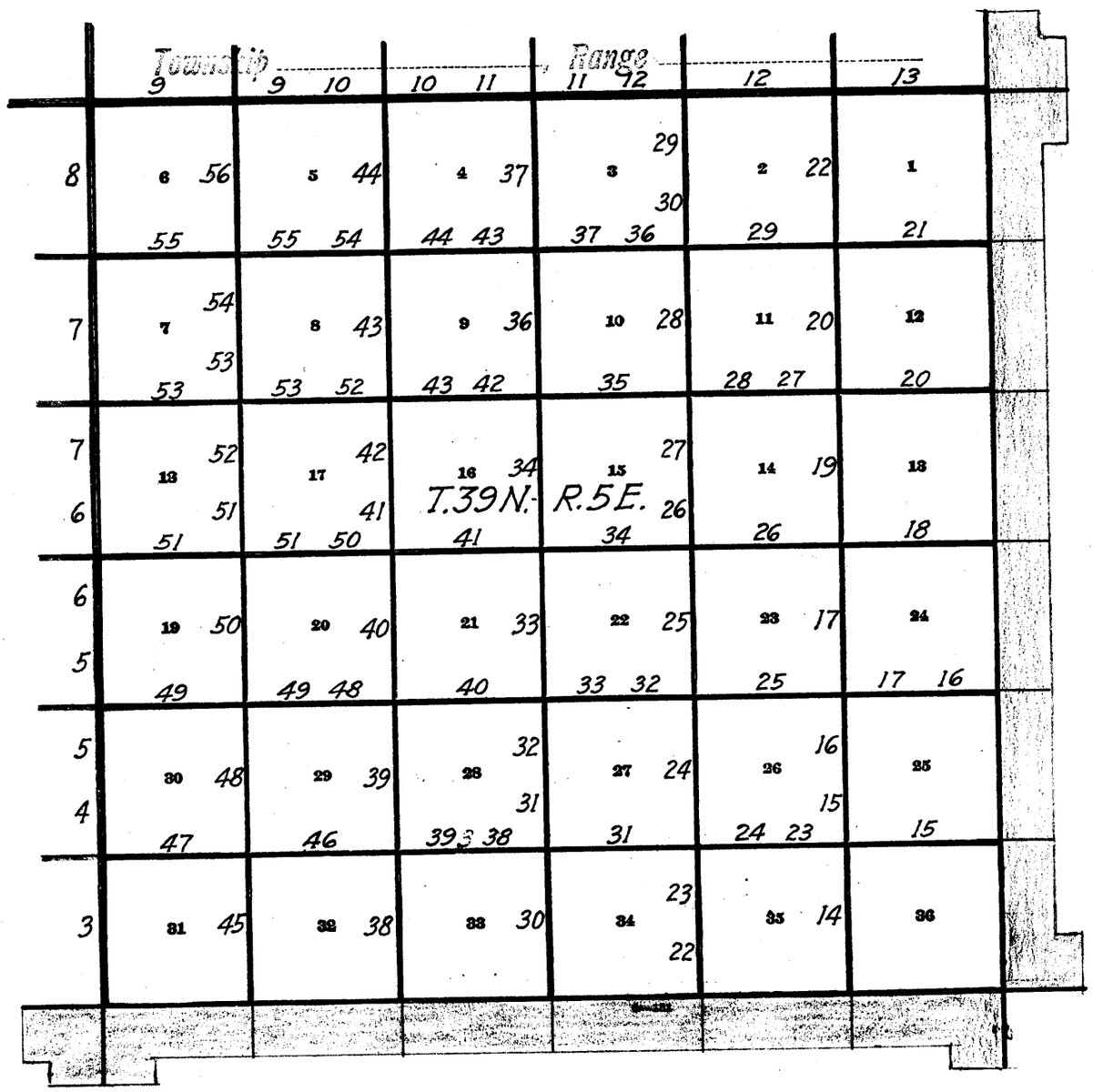
(14)

BOOK 4154

INDEX DIAGRAM.



Lines of accepted surveys.

Lines surveyed under current Group No. 207.

Lines surveyed under this group.

Areas surveyed as per accepted plats on file.

4—673 b

The surveys herein described were executed by Bert E. Wakeman and Daniel M. Wier, Transitmen (P.W.) using Young and Son's transits Nos.8491 and 8540, respectively, and Elliott Pearson and Bryan Routh, Transitmen (P.W.) both using Young and Son's transit No. 8526. These transits are each equipped with a Smith solar attachment, and otherwise conform to the standard requirements of the General Land Office.

PRELIMINARY TEST OF INSTRUMENTS
Young and Son's transit No. 8526

Oct. 3, 1936; at station near center of sec. 2, T. 41 N., R. 3 E., G. & S.R.Meridian, Arizona, in latitude 36°58' 54" N., longitude 112°02'30" W., at 6h. 56m. p.m., l.m. t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris = 1°17'56".

Oct. 4, 1936; at 8h. a.m., lay off the azimuth of Polaris 1°18' to the west and mark the meridian thus determined by a tack in a peg driven firmly in the ground 5 chs. N.

Oct. 11, 1936; at same station, at 9h.00m., a.m., app.t., set off 36°59'N. on the lat. arc.; 7°06'S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc.unchanged, observe the sun on the meridian, and obtain a reading of 7°09½'S. on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 7°12'S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this instrument is in satisfactory adjustment on this date.

Young and Son's transit No. 8540

Oct. 18, 1936; at station in NW.¼ of sec. 6, T. 38 N., R. 5 E., G. and S.R.Meridian, Arizona, in latitude 36° 43'29" N., longitude 111°54'14" W., at 5h. 52m., a.m., l.m.t., observe Polaris at western elongation making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris = 1°17'30".

At 8h. a.m. lay off the azimuth of Polaris 1°17½' to the east and mark the meridian thus determined by a tack in a peg driven firmly in the ground 5 chs. N.

At 9h. 00m., a.m., app.t., set off 36°43½' N. on the lat. arc; 9°41½' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of 9°45'S. on the

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decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 9°47'S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this instrument is in satisfactory adjustment on this date.

Young and Son's transit No. 8491.

Nov. 8, 1936; at station near center of sec. 36, T. 40 N., R. 4 E., G. & S.R.Meridian, Arizona, in latitude, 36°49' 20" N., longitude 111°55' W., at 4h. 30m., a.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris = 1°17'21".

At 8h. a.m. lay off the azimuth of Polaris 1°17½' to the east and mark the meridian thus determined by a tack in a peg driven firmly in the ground 5 chs. N.

At 9h.00m., a.m., app.t., set off 36°49½' N. on the lat. arc; 16°38' S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of 16°40½'S., on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 16°42'S. on the decl. arc, and determine a meridian, with the solar, which agrees with the true meridian.

As all of the solar observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this instrument is in satisfactory adjustment on this date.

All measurements are made with Lufkin steel tapes, 5 chains in length, compared with a Lufkin standard and found correct. The measurements are made on the slope, vertical angles determined by clinometers in good adjustment and slope measurements properly reduced to true horizontal values for entry in the field notes.

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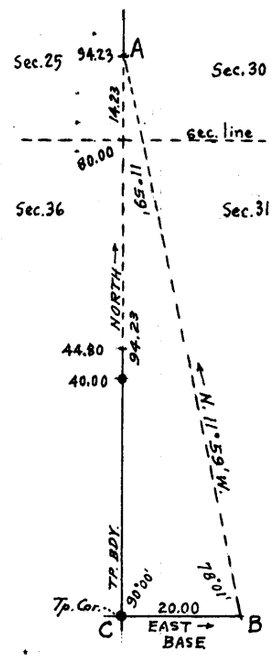
Chains	
	Begin at the cor. of Ts. 38 and 39 N., Rs. 4 and 5 E. which is an iron post, 3 ins. diam., projecting 10 ins. above ground, firmly set, properly mkd. on brass cap, and witnessed by a mound of stone S. of cor. Thence North, bet. secs. 31 and 36. Over rolling land, thru scattering undergrowth; desc. slightly over NW. slope.
0.28	Wash, 20 lks. wide, course SW., asc. 25 ft. over SE. slope.
7.40	Toe of foot hills; , leave rolling and enter mountainous land, brs. E. and W., asc. 150 ft. over steep S. slope.
20.43	Top of rocky ridge, brs. E. and NW., desc. 100 ft. over broken NE, slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, over a mkd. cross (+) on bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd. ¼ S36 | S31 1936
	Desc. 90 ft. over steep NE. slope.
44.80	Drain, course SE. at foot of steep S. slope of sliderock at base of the Vermillion Cliffs, impassable, so discontinue chaining and triangulate as follows: Designate cor. of Ts. 38 and 39 N., Rs. 4 and 5 E. as point "C". Set flag "A" a head on Tp. bdy. at top of Vermillion Cliffs, the vertical angle to which from point "C" is + 12°41'. From "C" chain a base East 20.00 chs. to point "B" from which flag "A" bears N. 11°59'W. Included angles of the triangle "A-B-C" are 11°59', 78°01' and 90°00', the sum of which is 180°00'. Triangulated dist. "C" to "A" = 94.23 chs. N. Dist. "C" to point for cor. of secs. 25,30,31 and 36 = 80.00 chs. N. Dist. sec.cor. point to "A" = 14.23 chs. N.
80.00	True point for cor. of secs. 25, 30,31 and 36 falls on face of cliff where it is inaccessible and cannot be monumented, therefore witness cor. is established on Tp. bdy. at 37 lks. North as hereinafter described. Land, rolling and mountainous. Soil, sandy and rocky, 4th rate. Timber, none. Undergrowth, sagebrush. Grass, poor.



Survey: West Boundary T. 39 N., R. 5 E.

4.

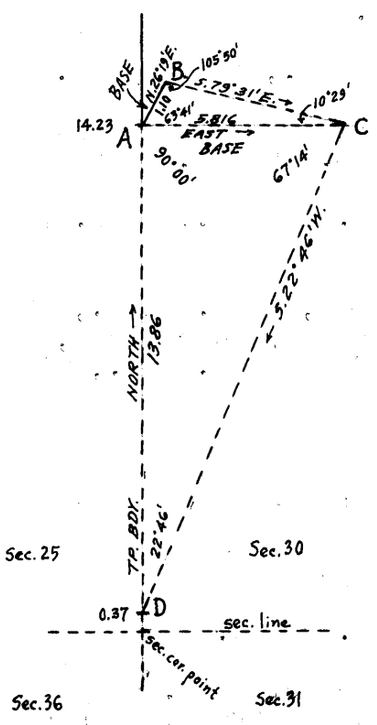
Chains

From true point for cor. of secs. 25, 30, 31 and 36.

North, bet. secs. 25 and 30.

Over mountainous land, thru scattering timber and undergrowth.

Measurement of 14.23 chs. North by triangulation hereinbefore described.



To obtain return measurement South on Tp. bdy. from 14.23 ch. station to point near the true point for cor. of secs. 25, 30, 31 and 36 in order to establish witness cor. thereto, triangulate as follows:
From 14.23 ch. station on Tp. bdy. designated "A" chain a base N. 26°19'E., 1.10 chs. (longer base impracticable) to point "B".
Set a flag "C" bearing East from "A" and S. 79°31'E. from "B".
Included angles of the triangle "A-B-C" are 63°41', 105°50' and 10°29', the sum of which is 180° 00'.
Dist. triang. "A" to "C" = 5.816 chs. East.
Set flat "D" on Tp. bdy. at the nearest accessible point to the true point for cor. of secs. 25, 30, 31 and 36, the vertical angle to which from "A" is -10°41'.

Flag "D" bears S. 22°46'W. from flag "C". Included angles of the triangle "A-C-D" are 90°00', 67°14' and 22°46', the sum of which is 180°00' and the base "A-C" is East, 5.816 chs. as computed from the triangle "A-B-C".

Dist. "A" to sec. cor. point = 14.23 chs. South
Dist. triangulated "A" to "D" = 13.86 chs. South
Dist. "D" to sec. cor. point 0.37 chs. South

0.37 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for witness cor. to cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T39N
R4E | R5E
S25 | S30
S36 | S31
WC

1936

from which

A pinyon, 12 ins. diam., brs. N. 15°E., 68 lks. dist., mkd. WC T39N R5E S30 BT.

A pinyon, 6 ins. diam., brs. S. 24°W., 106 lks. dist., mkd. WC T39N R4E S36 BT.

No other bearing trees available.

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chains	
14.23	Top of Vermilion Cliffs and rim of mesa, brs. NE. and SW., 175 ft. above the point for cor. of secs. 25,30,31 and 36 and 1400 ft. above the cor. of Ts. 38 and 39 N., Rs. 4 and 5 E.
	Resume chaining and continue measurement from true sec. cor. point.
	Over nearly level land; asc. gradually to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd. ¼ S 25 | S 30 1936 from which
	A pinyon, 14 ins. diam., brs. N.20°E., 140 lks. dist., mkd. ¼ S30 BT
	A pinyon, 10 ins. diam., brs. N.35°W., 180 lks. dist., mkd. ¼ S25 BT
	Continue over nearly level land to
80.00	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 mkd. T39N R 4E R 5E S 24 | S 19 S 25 | S 30 1936 from which
	A pinyon, 20 ins. diam., brs. S 25°W., 292 lks. dist., mkd. T39N R4E S25 BT
	A pinyon, 20 ins. diam., brs. N.80°W., 560 lks. dist., mkd. T39N R4E S24 BT
	No other trees available.
	Land, mountainous and nearly level. Soil, rocky and sandy, 3rd and 4th rate. Timber, juniper and pinyon. Undergrowth, sagebrush and cacti. Grass, fair.
	North, bet. secs. 19 and 24.
	Over gently rolling land, thru dense timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd. ¼ S 24 | S 19 1936 from which

chains	
	A pinyon, 8 ins. diam., brs. N.20°E., 55 lks. dist., mkd. ¼ S 19 BT
	A pinyon, 9 ins. diam., brs. N.85°W., 165 lks. dist., mkd. ¼ S 24 BT
	Continue over gently rolling land to
80.00	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 mkd. T39N R 4E R 5E S 13 | S 18 S 24 | S 19 1936
	from which
	A pinyon, 20 ins. diam., brs. N.28°E., 297 lks. dist., mkd. T39N R5E S 18 BT
	A pinyon, 8 ins. diam., brs. S.40°E., 119 lks. dist., mkd. T39N R5E S 19 BT
	A juniper, 18 ins. diam., brs. S.25½°W., 192 lks. dist., mkd. T39N R4E S 24 BT
	A juniper, 20 ins. diam., brs. N.58½°W., 31 lks. dist., mkd. T39N R4E S 13 BT
	Land, gently rolling. Soil, sandy, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and cacti. Grass, fair.

	North, bet. secs. 13 and 18.
	Over gently rolling land, thru dense timber and undergrowth.
	Desc., 44 ft. over NW. slope.
22.00	Drain, 10 lks. wide, 1 ft. deep, course NE., asc. 20 ft. over SE. slope.
26.90	Low spur, slopes NE., desc. 24 ft. over NW. slope.
31.10	Small drain, course NE., asc. gradually over E. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd. ¼ S 13 | S 18 1936
	from which
	A juniper, 16 ins. diam., brs. S.73½°E., 63 lks. dist., mkd. ¼ S 18 BT
	A pinyon, 6 ins. diam., brs. S.27°W., 14 lks. dist., mkd. ¼ S 13 BT

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chains	
	Desc. 35 ft., over rolling NE. slope.
70.00	Wash, 8 lks. wide, course NE.
71.60	Wash, 10 lks. wide, course E., asc. gradually over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7,12,13 and 18, with brass cap mkd. T39N R 4E | R 5E S 12 | S 7 S 13 | S 18 1936 from which A pinyon, 20 ins. diam., brs. N.8¾°E., 224 lks. dist., mkd. T39N R5E S 7 BT A pinyon, 10 ins. diam., brs. S.24°E., 121 lks. dist., mkd. T39N R5E S 18 BT A pinyon, 12 ins. diam., brs. S.71°W., 57 lks. dist., mkd. T39N R4E S 13 BT A juniper, 12 ins. diam., brs. N.40½°W., 116 lks. dist., mkd. T39N R4E S 12 BT Land, gently rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and cacti. Grass, fair.
	North, bet. secs. 7 and 12. Over nearly level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd. ¼ S 12 | S 7 1936 from which A juniper, 6 ins. diam., brs. S.59¾°E., 72 lks. dist., mkd. ¼ S 7 BT A juniper, 10 ins. diam., brs. N.40½°W., 202 lks. dist., mkd. ¼ S 12 BT Continue over nearly level land, asc. gradually over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock, and in a mound of stone to top, for cor. of secs., 1,6,7 and 12, with brass cap mkd. T39N R. 4E | R 5E S 1 | S 6 S 12 | S 7 1936 from which A juniper, 8 ins. diam., brs. N.47°E., 54 lks. dist., mkd. T39N R5E S 6 BT

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chains	
	A juniper, 10 ins. diam., brs. S.49½°E., 178 lks. dist., mkd. T39N R5E S 7 BT
	A juniper, 10 ins. diam., brs. S.3¾°W., 157 lks. dist., mkd. T39N R4E S 12 BT
	A juniper, 7 ins. diam., brs. N.16¼°W., 116 lks. dist., mkd. T39N R4E S 1 BT.
	Land, nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and cacti. Grass, fair.

	North, bet. secs. 1 and 6. Over nearly level land, thru scattering timber and undergrowth.
7.00	Draw, course E., enter gently rolling land, asc. 33 ft. over S. slope.
17.00	Low ridge, brs. E. and W., desc. 27 ft. over N. slope.
25.00	Draw, course E., asc. 12 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd. ¼ S 1 | S 6 1936 from which
	A juniper, 14 ins. diam., brs. N.25°E., 219 lks. dist., mkd. ¼ S 6 BT

	A juniper, 20 ins. diam., brs. N.48°W., 76 lks. dist., mkd. ¼ S 1 BT
	Continue over gently rolling land, asc. 57 ft. over SE. slope.
68.00	Low spur, slopes NE., desc. 10 ft. along E. slope to
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor. of Ts. 39 and 40 N., Rs. 4 and 5 E., with brass cap mkd. T40N R 4E R 5E S 36 | S 31 S 1 | S 6 T39N 1936 from which
	A juniper, 14 ins. diam., brs. N.22½°E., 238 lks. dist., mkd. T40N R5E S 31 BT
	A juniper, 10 ins. diam., brs. S.46°E., 122 lks. dist., mkd. BT only.
	A juniper, 10 ins. diam., brs. S.58¼°W., 221 lks. dist., mkd. T39N R4E S 1 BT
	A juniper, 14 ins. diam., brs. N.69¾°W., 127 lks. dist., mkd. T40N R4E S 36 BT
	Land, nearly level and gently rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and cacti. Grass, fair.

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Chains	
	From the cor. of Ts. 39 and 40 N., Rs. 5 and 6 E., which is an iron post, 3 ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by three bearing trees properly mkd. and bearing, N.29°E., 41 lks. dist., S.33°E., 222 lks. dist. and N.55°W., 613 lks. dist.
	Thence N.89° 57'W. on random line, setting temp. ¼ sec. and sec. cors., alternately, at intervals of 40.00 chs. At 478.35 chs. intersect the cor. of Ts. 39 and 40 N., Rs. 4 and 5 E., hereinbefore described.
	Thence S.89° 57'E. on true line bet. secs. 6 and 31.
	Over nearly level land, thru dense timber and undergrowth.
38.35	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S31 / S 6 1936 from which A juniper, 24 ins. diam., brs. S.84°E., 172 lks. dist., mkd. ¼ S6 BT A pinyon, 6 ins. diam., brs. N.7½°W., 191 lks. dist., mkd. ¼ S31 BT
	Continue over nearly level land.
67.62	Road, brs. SE. and NW. to Tres Pinos Ranch.
78.35	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd. T40N R5E S31 | S32 S6 | S5 T39N 1936 from which A juniper, 12 ins. diam., brs. N.76¼°E., 339 lks. dist., mkd. T40N R5E S32 BT A juniper, 5 ins. diam., brs. S.53¼°W., 407 lks. dist., mkd. T39N R5E S6 BT A juniper, 22 ins. diam., brs. N.42°W., 471 lks. dist., mkd. T40N R5E S31 BT No other tree available.
	Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on true line bet. secs. 5 and 32.

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Survey: North Boundary T.39 N., R.5 E.

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Chains	
	Over gently rolling land, thru dense timber and undergrowth; asc. 35 ft. over gentle W. slope.
9.98	Sandy spur, with sandstone outcrop, slopes N.; desc. 79 ft. over E. slope.
28.95	Saddle in ridge, brs. NE. and SW.; 55 ft. over W. slope.
36.10	Rocky spur, slopes N.; desc. 32 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S32 / S 5 1936 from which A juniper, 18 ins. diam., brs. S.13°E., 48 lks. dist., mkd. ¼ S5 BT A pinyon, 8 ins. diam., brs. North, 88 lks. dist., mkd. ¼ S32 BT
	Desc. 98 ft. over rocky E. slope.
46.48	Leave timber, brs. N.70°W. and South.
56.30	Road, brs. N.15°W. and S.15°E.
58.70	Swale, drains S.; asc. 26 ft. over rocky W. slope.
62.08	Rocky sandstone outcrop, 10 ft. high, brs. N. and S., 15 chs. long; desc. gradually over gentle E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd. T40N R5E S32 | S33 S5 | S4 T39N 1936 dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.
	Land, gently rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on true line bet. secs. 4 and 33.
	Over gently rolling land, thru scattering undergrowth; desc. 34 ft. over gentle E. slope.
16.28	Swale, drains S.; asc. 101 ft. over rolling W. slope.
18.78	Sandstone pinnacle, 10 ft. high, 20 ft. base.
28.19	Enter scattering timber, brs. N. and S.
32.19	Sandy ridge, brs. N. and S.; desc. slightly over E. slope.

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Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S33 / S 4 1936 from which A juniper, 6 ins. diam., brs. S.23°E., 353 lks. dist., mkd. ¼ S4 BT A juniper 6 ins. diam., brs. N.37¼°W., 559 lks. dist., mkd. ¼ S33 BT Desc. slightly over gentle E. slope.
43.50	Swale, drains S.; asc. 77 ft. over W. slope.
58.50	Rocky precipice faces W.
59.69	Rocky spur, slopes S.; desc. 66 ft. over E. slope.
67.10	Swale, drains SW.; asc. 42 ft. over rocky W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd. T40N R5E S33 | S34 S4 | S3 T39N 1936 from which A juniper, 12 ins. diam., brs. N.24¼°E., 332 lks. dist., mkd. T40N R5E S34 BT A pinyon, 14 ins. diam., brs. S.22½°E., 59 lks. dist., mkd. T39N R5E S3 BT A juniper, 14 ins. diam., brs. S.41°W., 135 lks. dist., mkd. T39N R5E S4 BT A pinyon, 7 ins. diam., brs. N.36°W., 105 lks. dist., mkd. T40N.R5E S33 BT Land, gently rolling and rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

S.89° 57'E. on true line bet. secs. 3 and 34.

Over rolling land, thru scattering timber and undergrowth; asc. 108 ft. over W. slope.

18.70	Base of white sandstone cliffs, facing W.; asc. vertical rise 114 ft.
21.28	Top of cliffs brs. N. and S.; asc. slightly over W. slope.
23.97	Spur, slopes S. for 15 chs.; desc. slightly over E. slope.
26.16	Top of sandstone cliffs, brs. N. and S.; desc. vertical drop 40 ft. to
26.86	Bottom of cliffs, facing E.; desc. 120 ft. over E. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1932 6—8155

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S34 / S 3 1936 from which A juniper, 18 ins. diam., brs. S.29¼°W., 215 lks. dist., mkd. ¼ S3 BT A juniper, 6 ins. diam., brs. N.22¾°W., 367 lks. dist., mkd. ¼ S34 BT Desc. gradually over broken E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd. T40N R5E S34 | S35 S3 | S2 T39N 1936 from which A pinyon, 12 ins. diam., brs. N.15°E., 683 lks. dist., mkd. T40N R5E S35 BT A pinyon, 6 ins. diam., brs. N.32¼°W., 508 lks. dist., mkd. T40N R5E S34 BT No other trees available. Land, rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on true line bet. secs. 2 and 35. Over nearly level land, thru scattering timber and undergrowth.
5.00	Swale, drains NE.
30.00	Basin, 5 chs. wide, drains N. for 20 chs.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, deposit a stone 5 x 6 x 1½ ins. mkd. with cross (x) at base and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S35 / S 2 1936 No bearing trees available. Continue over rolling land. asc. 150 ft. over W. slope.
72.77	Rocky spur, slopes N. for 20 chs., thence NW.; desc. 39 ft. over E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in

Chains	
	the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap mkd. T40N R5E S35 | S36 S2 | S1 T39N 1936 from which A pinyon, 6 ins. diam., brs. N.73°E., 154 lks. dist., mkd. T40N R5E S36 BT A juniper, 6 ins. diam., brs. S.5°E., 161 lks. dist., mkd. T39N R5E S1 BT A pinyon, 20 ins. diam., brs. N.70¼°W., 291 lks. dist., mkd. T40N R5E S35 BT No other tree available. Land, nearly level and rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on true line bet. secs. 1 and 36. Over nearly level land, thru scattering timber and undergrowth; desc. slightly over gentle E. slope.
36.47	Old road, brs. NE. and S.
40.00	Bottom of slight descent, drains N. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S36 S 1 1936 from which A pinyon, 10 ins. diam., brs. S.25¾°W., 113 lks. dist., mkd. ¼ S1 BT A juniper, 12 ins. diam., brs. N.45°W., 74 lks. dist., mkd. ¼ S36 BT Asc. slightly over gentle W. slope of nearly level land.
50.15	Old road, brs. NE. and SW.
78.00	Sand wash, 20 lks. wide, course NW.; asc. slightly over SW. slope.
80.00	Cor. of Ts. 39 and 40 N., Rs. 5 and 6 E., hereinbefore described. Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper, and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

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Survey: Subdivision Lines T.39 N., R.5 E.

14

Chains	
	Commence the subdivisional survey at the cor. of secs. 1, 2, 35 and 36, which is an iron post, 2 ins. diam., projecting 26 ins. above ground and in a mound of stone to top, with brass cap properly mkd. and witnessed by four bearing trees properly mkd. and bearing, N.44¼°E., 17 lks. dist., S.17¼°E., 44 lks. dist., S.49¼°W., 100 lks. dist. and N.36°W., 144 lks. dist.
	Thence N.0° 01'W. bet. secs. 35 and 36.
	Over level land, thru dense timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S35 | S36 1936 from which A juniper, 8 ins. diam., brs. S.49¼°E., 33 lks. dist., mkd. ¼ S36 BT A juniper, 20 ins. diam., brs. N.28½°W., 16 lks. dist., mkd. ¼ S35 BT
	Continue over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd. T39N R5E S26 | S25 S35 | S36 1936 from which A pinyon, 20 ins. diam., brs. N.30¼°E., 222 lks. dist., mkd. T39N R5E S25 BT A juniper, 20 ins. diam., brs. S.76¼°E., 187 lks. dist., mkd. T39N R5E S36 BT A juniper, 10 ins. diam., brs. S.44¼°W., 89 lks. dist., mkd. T39N R5E S35 BT A pinyon, 6 ins. diam., brs. N.42¼°W., 84 lks. dist., mkd. T39N R5E S26 BT
	Land, nearly level. Soil, sandy 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, 2 lks. N. of cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., which is an iron post, 2

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Chains	
	ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees properly mkd. and bearing,
	N.26°E., 98 lks. dist.,
	S.65½°E., 64 lks. dist.,
	S.51¼°W., 37 lks. dist. and
	N.51¼°W.,113 lks. dist.
	Thence N.89° 56'W. on true line bet. secs. 25 and 36.
	Over rolling land, thru dense timber and undergrowth; asc. slightly over NE. slope.
9.20	Spur, slopes N.; desc. 29 ft. over NW. slope.
13.20	Drain, 5 lks. wide, course N.; asc. slightly over E. slope.
15.20	Low spur, slopes NE.; desc. slightly over NW. slope.
24.20	Sand wash, 5 lks. wide, course N.; asc. slightly over NE. slope.
29.20	Rocky spur, slopes N.; desc. slightly over W. slope.
32.20	Small drain, course NE.; asc. slightly over SE. slope.
36.70	Low spur, slopes N.; desc. slightly over W. slope.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.
	¼ S25 / S36
	1936
	from which
	A pinyon, 20 ins. diam., brs. S.57½°W., 58 lks. dist., mkd. ¼ S36 BT
	A pinyon, 8 ins. diam., brs. N.65¼°W., 50 lks. dist., mkd. ¼ S25 BT
	Desc. slightly over gentle W. slope.
65.20	Small drain, course N., 2 chs. to junction; thence over level land.
67.70	Small drain, course NE., 2 chs. to junction.
80.20	Cor. of secs. 25, 26, 35 and 36.
	Land, rolling and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 25 and 26.
	Over nearly level land, thru dense timber and undergrowth.
3.00	Sandstone outcrop, 10 ft. high, brs. NE. and SW. and NW.

Survey: Subdivision Lines T.39 N., R.5 E.

16

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S26 | S25 1936 from which A juniper, 14 ins. diam., brs. S.60¼°E., 45 lks. dist., mkd. ¼ S25 BT A pinyon, 12 ins. diam., brs. S.52½°W., 38 lks. dist., mkd. ¼ S26 BT Continue over gently rolling land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap mkd. T39N R5E S23 | S24 S26 | S25 1936 from which A pinyon, 12 ins. diam., brs. N.8½°E., 28 lks. dist., mkd. T39N R5E S24 BT A pinyon, 12 ins. diam., brs. S.38¼°E., 54 lks. dist., mkd. T39N R5E S25 BT A pinyon, 6 ins. diam., brs. S.19¼°W., 97 lks. dist., mkd. T39N R5E S26 BT A pinyon, 10 ins. diam., brs. N.49¼°W., 44 lks. dist., mkd. T39N R5E S26 BT Land, nearly level and gently rolling. Soil, sandy and rocky 3rd. rate. Undergrowth, sagebrush and rabbitweed. Timber, juniper and pinyon. Grass, fair.
	S.89° 56'E. on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.24	Intersect cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., which is an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees, properly mkd. and bearing, N.15¾°E., 53 lks. dist., S.21½°E., 112 lks. dist., S.25½°W., 165 lks. dist. and N.44¾°W., 46 lks. dist. Thence N.89° 56'W. on true line bet. secs. 24 and 25. Over gently rolling land, thru dense timber and undergrowth.; desc. slightly over SW. slope.
10.24	Wash, 10 lks. wide course N.; asc. 23 ft. over E. slope.

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Chains	
40.12	Set an iron post, 3 ft. long, 1 in. diam.,27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. S24 ¼ S25 1936 from which A pinyon, 12 ins. diam.,brs. S.53°W., 373 lks. dist., mkd. ¼ S25 BT A juniper, 16 ins. diam.,brs. N.63°W., 400 lks. dist., mkd. ¼ S24 BT Desc. slightly over NW. slope.
40.74	Drain, course NE.; asc. 29 ft. over gentle SE. slope.
71.04	Base of rocky cliff; asc. 109 ft. over same.
73.24	Rocky ridge, brs. NE. and SW.; desc. 130 ft. over W. slope.
80.24	Cor. of secs, 23, 24, 25 and 26. Land, gently rolling. Soil, sandy and rocky 3rd. and 4th. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 23 and 24. Over nearly level land, thru scattering timber and undergrowth; desc. slightly over gentle NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S23 | S24 1936 from which A pinyon, 24 ins. diam.,brs. N.47½°E., 34 lks. dist., mkd. ¼ S24 BT A pinyon, 24 ins. diam.,brs. N.6°W., 75 lks. dist., mkd. ¼ S23 BT Desc. slightly over gentle NW. slope.
54.40	Drain, course W.; desc. slightly over W. slope.
79.00	Enter level basin.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd, T39N R5E S14 | S13 S23 | S24 1936 from which

Chains	
	A juniper, 18 ins. diam.,brs. N.58½°E., 113 lks. dist., mkd. T39N R5E S13 BT
	A pinyon, 14 ins. diam.,brs. S.50½°E., 160 lks. dist., mkd. T39N R5E S24 BT
	A juniper, 10 ins. diam.,brs. N.67½°W., 301 lks. dist., mkd. T39N R5E S14 BT
	A juniper, 24 ins. diam.,brs. S.34°W., 236 lks. dist., mkd. T39N R5E S23 BT
	Land, nearly level and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 56'E. on random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect E. bdy. of Tp., 2 lks. N. of cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees properly mkd. and bearing, N.5¼°E., 555 lks. dist., S.71½°E., 474 lks. dist., S.80°W., 352 lks. dist. and N.30°W., 314 lks. dist.
	Thence N.89° 55'W. on true line bet. secs. 13 and 24.
	Over nearly level land, thru scattering timber and under growth; asc. slightly over SE. slope.
5.00	Foot of sandstone bluff, brs. N. and S.; asc. 140 ft. over steep E. slope.
6.84	Top of bluff, brs. N. and S.; thence desc. 90 ft. over NW. slope.
10.00	Thence over nearly level land.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S13 / S24 1936 from which
	A pinyon, 14 ins. diam., brs. S.72°W., 13 lks. dist., mkd. ¼ S24 BT
	A juniper, 8 ins. diam.,brs. N.54½°W., 55 lks. dist., mkd. ¼ S13 BT
	Continue over nearly level land.
75.14	Desc. 46 ft. over W. slope into basin.
80.14	Cor. of secs. 13, 14, 23 and 24.
	Land, nearly level and broken. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed.

4—673 b

Survey: Subdivision Lines T.39 N., R.5 E.

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Chains	
	N.0° 01'W. bet. secs. 13 and 14.
	Over level land, thru scattering timber and undergrowth.
20.00	Leave basin, brs. E. and W.; asc. 25 ft. over gentle S. slope.
25.00	Thence over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼

S14 | S13

1936

from which

A juniper, 20 ins. diam., brs. S.67½°E., 66 lks. dist., mkd. ¼ S13 BT

A juniper, 8 ins. diam., brs. S.54¼°W., 39 lks. dist., mkd. ¼ S14 BT

Continue over level land.

54.50	Small bluff, brs. E. and SW.; desc. gradually over NW. slope, over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T39N R5E

S11 | S12

S14 | S13

1936

from which

A pinyon, 18 ins. diam., brs. N.71¼°E., 293 lks. dist., mkd. T39N R5E S12 BT

A juniper, 14 ins. diam., brs. S.27½°E., 264 lks. dist., mkd. T39N R5E S13 BT

A juniper, 20 ins. diam., brs. S.76°W., 438 lks. dist., mkd. T39N R5E S14 BT

A juniper, 22 ins. diam., brs. N.43¼°W., 122 lks. dist., mkd. T39N R5E S11 BT

Land, nearly level and broken.
Soil, sandy and rocky 3rd. rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and rabbitweed.
Grass, fair.

	S.89° 55'E. on random line bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. bdy. of Tp., 9 lks. N. of cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by three bearing trees, properly mkd. and bearing,

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Chains	
	N.55¾°E., 167 lks. dist., S.11°E., 402 lks. dist. and S.14½°W., 346 lks. dist.
	Thence N.89° 51'W. on true line bet. secs. 12 and 13.
	Over level land, thru scattering timber and undergrowth.
10.00	Drain, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S12 / S13 1936 from which
	A pinyon, 8 ins. diam., brs. N.12½°E., 133 lks. dist., mkd. ¼ S12 BT
	A juniper, 8 ins. diam., brs. S.80¼°E., 110 lks. dist., mkd. ¼ S13 BT
	Continue over level land.
62.00	Top of bluff, brs. N. and S.; desc. 46 ft. over W. slope.
67.00	Drain, course N.; thence over level land.
80.00	Cor. of secs. 11, 12, 13 and 14.
	Land, level and broken. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 11 and 12.
	Over level land, thru scattering timber and undergrowth.
27.90	Rocky outcrop, 8 ft. high, brs E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S11 | S12 1936 from which
	A juniper, 8 ins. diam., brs. N.79¾°E., 126 lks. dist., mkd. ¼ S12 BT
	A juniper, 24 ins. diam., brs. N.59°W., 91 lks. dist., mkd. ¼ S11 BT
	Continue over level land.
41.00	Rocky ledge, brs. E. and W.; desc. 20 ft. over side.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

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Chains	
	T39N R5E S2 | S1 S11 | S12 1936 from which A juniper, 16 ins. diam., brs. N.85¼°E., 242 lks. dist., mkd. T39N.R5E S1 BT A pinyon, 12 ins. diam., brs. S.25°E., 327 lks. dist., mkd. T39N R5E S12 BT A juniper, 14 ins. diam., brs. S.30¼°W., 81 lks. dist., mkd. T39N R5E S11 BT No other tree available. Land, broken level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 51'E. on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. bdy. of Tp., 5 lks. S. of cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees, properly mkd. and bearing, N.37°E., 69 lks. dist., S.44°E., 111 lks. dist., S.53¼°W., 73 lks. dist. and N.32½°W., 72 lks. dist.
	Thence N.89° 53'W. on true line bet. secs. 1 and 12. Over level land, thru scattering timber and undergrowth.
12.00	Rocky ledge, brs. N. and S.; desc. 30 ft. over same.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 1 / S12 1936 from which A juniper, 12 ins. diam., brs. S.79¼°E., 197 lks. dist., mkd. ¼ S12 BT A pinyon, 10 ins. diam., brs. N.20°E., 129 lks. dist., mkd. ¼ S1 BT Continue over level land.
46.00	Rocky ledge, brs. N. and S.; desc. 20 ft. over same.
80.00	Cor. of secs. 1, 2, 11 and 12. Land, broken levels. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed, Grass, fair.

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Survey: Subdivision Lines T.39 N., R.5 E.

22

Chains	
	N.0° 01'W. on random line bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
79.83	Intersect N. bdy. of Tp., 11 lks. E. of cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	Thence S.0° 06'E. on true line bet. secs. 1 and 2.
	Over level land, thru scattering timber and undergrowth.
6.83	Asc. 50 ft. over NW. slope.
12.20	Top of rocky ridge, brs. NE. and SW.; desc. 30 ft. over SE. slope.
15.00	Thence over level land.
39.83	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼

S2 | S1

1936

from which

A pinyon, 11 ins. diam., brs. S.39½°E., 238 lks. dist., mkd. ¼ S1 BT

A juniper, 4 ins. diam., brs. S.12¼°W., 325 lks. dist., mkd. ¼ S2 BT

Continue over level land.

49.23	Old road, brs. E. and W.
79.83	Cor. of secs. 1, 2, 11 and 12.
	Land, level and broken. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., which is an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees, properly mkd. and bearing,

N.62¼°E., 247 lks. dist.,
S.61°E., 78 lks. dist.,
S.31¼°W., 100 lks. dist. and
N.11½°W., 147 lks. dist.

Thence N.0° 01'W. bet. secs. 34 and 35.

Over nearly level land, thru dense timber and undergrowth.

40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼

S34 | S35

1936

from which

Chains	A pinyon, 8 ins. diam., brs. S.62°W., 80 lks. dist., mkd. ¼ S34 BT
	A juniper, 10 ins. diam., brs. N.5°E., 218 lks. dist., mkd. ¼ S35 BT
	Continue over nearly level land.
76.30	Rocky spur, or out crop, 10 ft. high, brs. E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
	T39N R5E S27 | S26 S34 | S35 1936
	from which
	A juniper, 14 ins. diam., brs. N.18¼°E., 210 lks. dist., mkd. T39N R5E S26 BT
	A juniper, 16 ins. diam., brs. S.72°E., 240 lks. dist., mkd. T39N R5E S35 BT
	A juniper, 20 ins. diam., brs. S.26¼°W., 183 lks. dist., mkd. T39N R5E S34 BT
	A juniper, 14 ins. diam., brs. N.58¾°W., 188 lks. dist., mkd. T39N R5E S27 BT
	Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line, 33 lks. S. of cor. of secs. 25, 26, 35 and 36. Thence S.89°49' W. on true line bet. secs. 26 and 35.
1.64	Bottom of rocky ledge, brs. NE. and SW.; asc. 20 ft. over same., thence over level land, thru scattering timber and undergrowth.
23.14	Desc. 60 ft. over SW. slope.
25.00	Thence over level land.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.
	S26 ¼ S35 1936
	from which
	A pinyon, 10 ins. diam., brs. S.5½°W., 51 lks. dist., mkd. ¼ S35 BT
	A pinyon, 12 ins. diam., brs. N.18¼°E., 51 lks. dist., mkd. ¼ S26 BT

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Survey: Subdivision Lines T.39 N., R.5 E.

24

Chains	
	Continue over level land.
45.84	Rocky ledge, brs. N. and S.; desc. 50 ft. over same. thence over level land.
80.14	Cor. of secs. 26, 27, 34 and 35.
	Land, broken and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed, Grass, fair.
	N.0° 01'W. bet. secs. 26 and 27.
	Over nearly level land, thru scattering timber and undergrowth. desc. slightly over N. slope.
23.10	Enter basin, brs. NE. and NW., sandstone pinnacle 12 ft. high, 6 ft. base, brs. SW. 20 lks. dist.; thence over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼. S27 | S26 1936 from which A juniper, 16 ins. diam., brs. N.42½°E., 145 lks. dist., mkd. ¼ S26 BT A pinyon, 16 ins. diam., brs. S.37¼°W., 70 lks. dist., mkd. ¼ S27 BT
	Continue over level basin.
47.00	Leave basin, brs, SE. and SW.; asc. slightly over S. slope over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd. T39N R5E S22 | S23 S27 | S26 1936 from which A juniper, 16 ins. diam., brs. N.48¼°E., 180 lks. dist., mkd. T39N R5E S23 BT A juniper, 16 ins. diam., brs. S.47¼°E., 305 lks. dist., mkd. T39N R5E S26 BT A juniper, 14 ins. diam., brs. S.2¼°W., 128 lks. dist., mkd. T39N R5E S27 BT A juniper, 20 ins. diam., brs. N.9½°W., 222 lks. dist., mkd. T39N R5E S22 BT
	Land, nearly level and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

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25

Chains	
	N. 89°49'E. on random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line, 9 lks. N. of cor. of secs. 23, 24, 25 and 26.
	Thence S.89° 53'W. on true line bet. secs. 23 and 26.
	Over gently rolling land, thru scattering timber and undergrowth; desc. gradually over gentle NW. slope.
37.50	Drain, course N.; thence over nearly level land.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.
	¼ S23 / S26 1936
	from which
	A juniper, 8 ins. diam., brs. S.66¾°W., 113 lks. dist., mkd. ¼ S26 BT
	A juniper, 6 ins. diam., brs. N.48½°W., 138 lks. dist., mkd. ¼ S23 BT
	Continue over nearly level land.
80.02	Cor. of secs. 22, 23, 26 and 27.
	Land, gently rolling and nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 22 and 23.
	Over nearly level land, thru scattering timber and undergrowth; desc. gradually over gentle N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.
	¼ S22 | S23 1936
	from which
	A pinyon, 6 ins. diam., brs. N.50¼°W., 12 lks. dist., mkd. ¼ S22 BT
	A juniper, 6 ins. diam., brs. S.68¼°E., 37 lks. dist., mkd. ¼ S23 BT
	Desc. gradually over gentle N. slope.
75.00	Enter basin, brs. E. and W.; thence over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

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Chains.	
	T39N R5E S15 | S14 S22 | S23 1936 from which A juniper, 8 ins. diam., brs. N.16¾°E., 215 lks. dist., mkd. T39N R5E S14 BT A juniper, 24 ins. diam., brs. S.21¾°E., 233 lks. dist., mkd. T39N R5E S23 BT A juniper, 8 ins. diam., brs. N.52°W., 227 lks. dist., mkd. T39N R5E S15 BT No other tree available, Land, nearly level and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.89° 53'E. on random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line, 7 lks. N. of cor. of secs. 13, 14, 23 and 24. Thence S.89° 56'W. on true line bet. secs. 14 and 23. Over level basin land, thru scattering timber and undergrowth.
30.00	Leave basin, brs. N. and S.; asc. slightly over nearly level land.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S14 | S23 1936 from which A pinyon, 8 ins. diam., brs. N.8°W., 35 lks. dist., mkd. ¼ S14 BT A juniper, 30 ins. diam., brs. S.24¼°W., 101 lks. dist., mkd. ¼ S23 BT Desc. slightly over nearly level land into basin.
75.00	Enter basin, brs. N. and S.; thence over level land.
80.14	Cor. of secs. 14, 15, 22 and 23. Land, nearly level and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 14 and 15.

Chains	
	Over level basin land, thru scattering timber and undergrowth.
28.30	Drain, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S15 | S14 1936 from which A juniper, 6 ins. diam., brs. S.28½°E., 121 lks. dist., mkd. ¼ S14 BT A juniper, 6 ins. diam., brs. S.53¼°W., 211 lks. dist., mkd. ¼ S15 BT
	Continue over nearly level land.
80.00	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 mkd. T39N R5E S10 | S11 S15 | S14 1936 from which A pinyon, 30 ins. diam., brs. N.44¼°E., 267 lks. dist., mkd. T39N R5E S11 BT A pinyon, 18 ins. diam., brs. S.82°E., 217 lks. dist., mkd. T39N R5E S14 BT A juniper, 30 ins. diam., brs. S.25½°W., 97 lks. dist., mkd. T39N R5E S15 BT A juniper, 26 ins. diam., brs. N.82½°W., 183 lks. dist., mkd. T39N R5E S10 BT
	Land, level and nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.89° 56'E. on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.24	Intersect N. and S. line, 5 lks. N. of cor. of secs. 11, 12, 13 and 14.
	Thence S.89° 58'W. on true line bet. secs. 11 and 14.
	Over nearly level land, thru scattering timber and undergrowth.
4.14	Foot of bluff, brs. N. and S.; asc. 20 ft. over same. thence over nearly level land. desc. W. slope.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S11 S14 1936

	from which
	A pinyon, 12 ins. diam., S.2°E., 82 lks. dist., mkd. ¼ S14 BT
	A pinyon, 22 ins. diam., N.11°W., 115 lks. dist., mkd. ¼ S11 BT
	Desc. gentle W. slope, over nearly level land.
65.00	Over level land.
70.00	Drain, course NE.
75.00	Asc. slightly over E. slope, over nearly level land.
80.24	Cor. of secs. 10, 11, 14 and 15.
	Land, nearly level and broken level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 01'W. bet. secs. 10 and 11.
	Over nearly level land, thru scattering timber and undergrowth.
20.00	Base of bluffs, brs. NE. and SW.; asc. 40 ft. over same, thence over level mesa.
32.00	Drain, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ Sec. cor. with brass cap mkd. ¼ S10 | S11 1936
	from which
	A juniper, 6 ins. diam., brs. S.51¼°E., 32 lks. dist., mkd. ¼ S11 BT
	A pinyon, 14 ins. diam., brs. S.39¼°W., 170 lks. dist., mkd. ¼ S10 BT
	Continue over nearly level land slopes NE.
65.67	Old road, brs. NE. and SW.
80.00	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 mkd. T39N R5E S3 | S2 S10 | S11 1936
	from which
	A juniper, 10 ins. diam., brs. N.51¼°E., 104 lks. dist., mkd. T39N R5E S2 BT
	A juniper, 6 ins. diam., brs. S.44½°E., 486 lks. dist., mkd. T39N R5E S11 BT
	A juniper, 10 ins. diam., brs. S.32¼°W., 130 lks. dist., mkd. T39N R5E S10 BT

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Chains	
	A pinyon, 10 ins. diam., brs. N.10°W., 168 lks. dist., mkd. T39N R5E S3 BT
	Land, nearly level and broken levels. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.89° 58'E. on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, 2 lks. S. of cor. of secs. 1, 2, 11 and 12.
	Thence S.89° 57'W. on true line bet. secs. 2 and 11.
	Over nearly level land, thru scattering timber and undergrowth.
4.90	Drain, course N. ; asc. 100 ft. over E. slope.
22.20	Top of mesa, brs. NW. and S. thence over nearly level land.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S 2 / S11 1936 from which
	A pinyon, 18 ins. diam., brs. N.42½°E., 36 lks. dist., mkd. ¼ S2 BT
	A juniper, 10 ins. diam., brs. S.44°W., 132 lks. dist., mkd. ¼ S11 BT
	Continue over nearly level land.
62.40	Old road, brs. NE. and SW.
80.20	Cor. of secs. 2, 3, 10 and 11.
	Land, nearly level and broken mesa levels. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 06'W. on random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. bdy. of Tp., 26 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
	Thence S.0° 05'W. on true line bet. secs. 2 and 3.
	Over nearly level land, thru scattering timber and undergrowth.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

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Chains	
	1/4 S3 | S2 1936
	from which
	A juniper, 10 ins. diam.,brs. N.28½E., 186 lks. dist., mkd. ¼ S2 BT
	A pinyon, 16 ins. diam.,brs. S.3¾°W., 246 lks. dist., mkd. ¼ S3 BT
	Continue over nearly level land.
50.16	A sandstone pinnacle, 16 ft. high and 30 ft. base.
56.16	Drain, course NE.; asc. over gentle N. slope.
79.96	Cor. of secs. 2, 3, 10 and 11.
	Land, nearly level.a Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., which is an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees properly mkd. and bearing, N.24½°E., 134 lks. dist., S.82°E., 258 lks. dist., S.78½°W., 128 lks. dist. and N.28½°W., 211 lks. dist.
	Thence N.0° 02'W. bet. secs. 33 and 34.
	Over level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S33 | S34 1936
	from which
	A pinyon, 20 ins. diam.,brs. S.45½°E., 81 lks. dist., mkd. ¼ S34 BT
	A pinyon, 18 ins. diam.,brs. S.19½°W.,361 lks. dist., mkd. ¼ S33 BT
	Continue over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd. T39N R5E S28 | S27 S33 | S34 1936

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Survey: Subdivision Lines T.39 N., R.5 E.

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31

Chains	
	No bearing trees available.
	Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
	Land, level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.
	Thence West on true line bet. secs. 27 and 34.
	Over level land, thru scattering timber and undergrowth.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S27 / S34 1936 from which A pinyon, 6 ins. diam., brs. S.80°E., 80 lks. dist., mkd. ¼ S34 BT A pinyon, 8 ins. diam., brs. N.48°E., 140 lks. dist., mkd. ¼ S27 BT
	Continue over level land.
45.98	Drain, course N. asc. 66 ft. over E. slope.
57.48	Spur, slopes N.; desc. 130 ft. over W. slope.
74.98	Enter level land.
79.98	Cor. of secs. 27, 28, 33 and 34.
	Land, level and rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 02'W. bet. secs. 27 and 28.
	Over level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S28 | S27 1936 from which A juniper. 20 ins. diam., brs. N.64¼°E., 208 lks. dist., mkd. ¼ S27 BT

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32

Chains	
	A juniper, 6 ins. diam.,brs. S.70¾°W., 64 lks. dist., mkd. ¼ S28 BT
	Continue over level land.
75.00	Desc. 34 ft. over N. slope into basin.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap mkd. T39N R5E S21 | S22 S28 | S27 1936 from which A pinyon, 26 ins. diam.,brs. N.62¼°E., 120 lks. dist., mkd. T39N R5E S22 BT A pinyon, 26 ins. diam.,brs. S.38¾°E., 485 lks. dist., mkd. T39N R5E S27 BT A juniper, 9 ins. diam.,brs. S.15½°W., 257 lks. dist., mkd. T39N R5E S28 BT A pinyon, 26 ins. diam.,brs. N.83¼°W., 470 lks. dist., mkd. T39N R5E S21 BT
	Land, level and broken. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	East on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence N.89° 57'W. on true line bet. secs. 22 and 27.
	Over nearly level land, thru scattering timber and undergrowth.
5.00	Desc. 56 ft. over W. slope.
22.52	Wash, 10 lks. wide, course N.; asc. slightly over E.slope.
32.52	Thence over level mesa.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S22 S27 1936 from which A pinyon, 10 ins. diam.,brs. N.11¼°E., 144 lks. dist., mkd. ¼ S22 BT A pinyon, 12 ins. diam.,brs. S.10½°E., 94 lks. dist., mkd. ¼ S27 BT
	Continue over level mesa.
42.52	Leave level mesa; desc. 37 ft. over W. slope.

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33

Chains	
50.02	Enter level land.
65.02	Desc. 30 ft. over NW. slope.
70.00	Enter level basin.
80.02	Cor. of secs. 21, 22, 27 and 28.
	Land, broken levels and gently rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 02'W. bet. secs. 21 and 22.
	Over level basin, thru scattering timber and undergrowth.
4.40	Leave basin, brs. E. and W.; asc. slightly over N. slope.
5.50	Flat topped ridge, brs. E. and W.; [illegible]; desc. 143 ft. over N. slope.
30.90	Swale, course NW.:thence over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S21 | S22 1936 from which A juniper, 20 ins. diam., brs. S.22¼°E., 312 lks. dist., mkd. ¼ S22 BT A juniper, 10 ins. diam., brs. S.29¼°W., 121 lks. dist., mkd. ¼ S21 BT Asc. 67 ft. over S. slope.
48.00	Flat topped ridge, brs. E. and W.; desc. 140 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. T39N R5E S16 | S15 S21 | S22 1936 from which A pinyon, 8 ins. diam., brs. N.4½°E., 131 lks. dist., mkd. T39N R5E S15 BT A juniper, 10 ins. diam., brs, S.75⅝°E., 23 lks. dist., mkd. T39N R5E S22 BT A juniper, 8 ins. diam., brs. S.13⅜°W., 155 lks. dist., mkd. T39N R5E S21 BT A pinyon, 12 ins. diam., brs, N.32½°W., 197 lks. dist., mkd. T39N R5E S16 BT Land, level and rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

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34

Chains	
	S.89° 57'E. on random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence N.89° 56'W. on true line bet. secs. 15 and 22.
	Over level basin, thru scattering timber and undergrowth.
1.00	Leave level basin, brs N. and S. asc. 30 ft. over E.slope.
5.00	Flat top ridge ,brs. N. and S.; desc. 46 ft. gradually over gentle W. slope.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S15 / S22 1936 from which A juniper, 8 ins. diam.,brs. N.68°E., 272 lks. dist., mkd. ¼ S15 BT A juniper, 8 ins. diam.,brs. S.18°E., 428 lks. dist., mkd. ¼ S22 BT
	Desc, slightly over W. slope,
50.00	Drain, course NE.; asc. gradually over gentle E. slope.
79.94	Cor. of secs. 15, 16, 21 and 22.
	Land, level and rolling. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 02'W. bet. secs. 15 and 16.
	Over rolling land, thru scattering timber and undergrowth. desc. 164 ft. gradually over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground. for ¼ sec. cor. with brass cap mkd. ¼ S16 / S15 1936 from which A juniper, 12 ins. diam.,brs. S.12°E., 126 lks. dist., mkd. ¼ S15 BT A juniper, 24 ins. diam.,brs. N.19°W., 293 lks. dist., mkd. ¼ S16 BT
	Continue over level land, thru Pinnacle Valley, brs. NE. and SW.
71.20	Old road, brs. E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.

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Survey: Subdivision Lines T.39 N., R.5 E.

BOOK 4154

35

Chains	
	T39N R5E S9 | S10 S16 | S15 1936 from which
	A juniper, 10 ins. diam., brs. N.47½E., 314 lks. dist., mkd. T39N R5E S10 BT
	A pinyon, 18 ins. dism., brs. S.71°E., 268 lks. dist., mkd. T39N R5E S15 BT
	A pinyon, 8 ins. diam., brs. S.71¼°W., 57 lks. dist., mkd. T39N R5E S16 BT
	A juniper, 30 ins. diam., brs. N.39½°W., 101 lks. dist., mkd. T39N R5E S9 BT
	Land, rolling and level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 56'E. on random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence West on true line bet. secs. 10 and 15.
	Over level land, thru scattering timber and undergrowth.
17.96	Edge of mesa, brs. NE. and SW.; desc. 50 ft. over broken ledge.
24.96	Thence over level land thru Pinnacle Valley.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S10 / S15 1936 from which
	A juniper, 8 ins. diam., brs. S.29°W., 139 lks. dist., mkd. ¼ S15 BT
	A juniper, 16 ins. diam., brs. N.49°W., 174 lks. dist., mkd. ¼ S10 BT
	Continue over level land.
43.16	Old road, brs. NE. and SW.
53.00	Drain, course NE.
79.96	Cor. of secs. 9, 10, 15 and 16.
	Land, level and broken. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

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36

Chains	
	N.0° 02'W. bet. secs. 9 and 10.
	Over level land, thru scattering timber and undergrowth.
28.80	Base of W. side of tall sandstone pinnacle.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.
	¼ S9 | S10 1936
	from which
	A juniper, 12 ins. diam., brs. S.75½°E., 205 lks. dist., mkd. ¼ S10 BT
	A juniper, 16 ins. diam., brs. N.56½°W., 190 lks. dist., mkd. ¼ S9 BT
	Continue over level land.
65.00	Edge of mesa, brs. E. and W.; desc. 60 ft. over broken ledge.
70.00	Thence over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.
	T39N R5E S4 | S3 S9 | S10 1936
	from which
	A juniper, 18 ins. diam., brs. N.59½°E., 365 lks. dist., mkd. T39N R5E S3 BT
	A juniper, 30 ins. diam., brs. S.82°E., 378 lks. dist., mkd. T39N R5E S10 BT
	No other trees available.
	Land, level and broken mesa. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	East on random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence N.89° 58'W. on true line bet. secs. 3 and 10.
	Over level land, thru scattering timber timber and undergrowth.
5.64	Rim of mesa, brs. N. and S.; desc. 70 ft. over broken ledge.
10.64	Thence over nearly level land.
29.84	Drain, course NE.; asc. slightly over E. slope.

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Survey: Subdivision Lines T.39 N., R.5 E.

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37

Chains	
39.92	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 3 / S10 1936 from which A juniper, 16 ins. diam.,brs. S.42½°E., 114 lks. dist., mkd. ¼ S10 BT A juniper, 30 ins. diam.,brs. N.8½°W., 185 lks. dist., mkd. ¼ S 3 BT Asc. slightly over gentle E. slope.
40.58	Foot of broken ledge; asc. 20 ft. over same.
41.28	Rim of mesa, brs. N. and S.; thence over level land.
73.48	Rim of mesa, brs. N. and S.; desc. 80 ft. over broken ledge.
77.00	Thence over level land.
79.84	Cor. of secs. 3. 4, 9 and 10. Land, level,and broken mesa. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass. fair.
	N.0° 04'E. on random line bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. bdy. Tp.,12 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described. Thence S.0° 01'E. on true line bet. secs. 3 and 4. Over level land, thru scattering timber and undergrowth.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S4 | S3 1936 from which A juniper, 20 ins. diam.,brs. S.1°E., 505 lks. dist., mkd. ¼ S3 BT A juniper, 26 ins. diam.,brs. S.50¼°W.,350 lks. dist., mkd. ¼ S4 BT Continue over nearly level land.
79.98	Cor. of secs. 3, 4, 9 and 10. Land, level and nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

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Survey: Subdivision Lines T.39 N., R.5 E.

38

Chains	
	From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., which is an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap properly mkd. and witnessed by four bearing trees properly mkd. and bearing,
	N.60¼°E., 233 lks. dist.,
	S.47°E., 123 lks. dist.,
	S.21°W., 104 lks. dist. and
	N.8¾°W., 116 lks. dist.
	Thence N.0° 03'W. bet. secs. 32 and 33.
	Over nearly level land, thru dense timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on surface bedrock and in a mound of stone, 5 ft. base, 3 ft. high for ¼ sec. cor. with brass cap mkd.
	¼ S32 | S33 1936
	from which
	A pinyon, 18 ins. diam., brs. S.9°E., 539 lks. dist., mkd. ¼ S33 BT
	A pinyon, 28 ins. diam., brs. S.5¾°W., 555 lks. dist., mkd. ¼ S32 BT
	Continue over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd:
	T39N R5E S29 | S28 S32 | S33 1936
	from which
	A pinyon, 8 ins. diam., brs. N.58½°E., 134 lks. dist., mkd. T39N R5E S28 BT
	A juniper, 18 ins. diam., brs. S.15½°E., 186 lks. dist., mkd. T39N R5E S33 BT
	A pinyon, 15 ins. diam., brs. S.49°W., 343 lks. dist., mkd. T39N R5E S32 BT
	A pinyon, 18 ins. diam., brs. N.43½°W., 185 lks. dist., mkd. T39N.R5E S29 BT
	Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 27, 28, 33 and 34.
	Thence West on true line bet. secs. 28 and 33.

U. S. GOVERNMENT PRINTING OFFICE: 1936 6—8158

4—673 b

Survey: Subdivision Lines T.39 N., R.5 E.

BOOK 4154

Chains	
	Over nearly level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S28 / S33 1936 from which A pinyon, 10 ins. diam., brs. N.18½°E., 54 lks. dist., mkd. ¼ S28 BT A pinyon, 14 ins. diam., brs. S.58¼°W., 148 lks. dist., mkd. ¼ S33 BT
	Continue over nearly level land.
80.00	Cor. of secs. 28, 29, 32 and 33.
	Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 03'W. bet. secs. 28 and 29.
	Over nearly level land, thru dense timber and undergrowth.
5.00	Leave dense timber, brs. E. and W.; continue thru scattering timber.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S29 | S28 1936 Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.
	Continue over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd. T39N R5E S20 | S21 S29 | S28 1936 dig pits 18 x 18 x 12 ins. , in each sec. 3 ft. dist.
	Land, nearly level. Soil, sandy and rocky 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	East on random line bet. secs. 21 and 28.

U. S. GOVERNMENT PRINTING OFFICE: 1931 . . . 6—3155

4—673 b

BOOK 4154

Survey: Subdivision Lines T.39 N., R.5 E.

40

Chains	
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence N.89° 57'W. on true line bet. secs. 21 and 28.
	Over nearly level land, thru scattering timber and undergrowth.
5.00	Leave level basin, brs. N. and S.; asc. slightly over SE. slope.
9.00	Small flat top ridge, brs. NE. and SW.; desc. 53 ft. over NW. slope.
21.00	Drain, course N.; asc. gradually over gentle E. slope of nearly level land.
40.00	Set an iron post. 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼ S21 / S28

1936

from which

A pinyon, 6 ins. diam., brs. S.47½°E., 53 lks. dist., mkd. ¼ S28 BT

A juniper, 6 ins. diam., brs. N.58¼°E., 60 lks. dist., mkd. ¼ S21 BT

Continue over nearly level land.

80.00	Cor. of secs. 20, 21, 28 and 29.
	Land, nearly level and gently rolling. Soil, sand and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.

	N.0° 03'W. bet. secs. 20 and 21.
	Over nearly level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼

S20 | S21

1936

from which

A juniper, 6 ins. diam., brs. N.27¼°E., 308 lks. dist., mkd. ¼ S21 BT

No other tree available.

Continue over nearly level land.

80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

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4—673 b

Survey: Subdivision Lines T.39 N., R.5 E.

BOOK 4154
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Chains	
	T39N R5E S17 | S16 S20 | S21 1936 from which
	A pinyon, 6 ins. diam., brs. S.2¾°E., 558 lks. dist., mkd. T39N R5E S21 BT
	A juniper, 6 ins. diam., brs. S.21¾°W., 507 lks. dist., mkd. T39N R5E S20 BT
	No other trees available.
	Land, nearly level. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 57'E. on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence N.89° 58'W. on true line bet. secs. 16 and 21.
	Over gently rolling land, thru scattering timber and under growth; desc. gradually over gentle NW. slope.
17.70	Drain, course N.; asc. gradually over NE. slope.
26.00	Flat topped ridge, brs. N. and S.; desc. gradually over W. slope.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S16 / S21 1936 from which
	A juniper, 16 ins. diam., brs. N.6¼°W., 236 lks. dist., mkd. ¼ S16 BT
	No other tree available.
	Continue over nearly level land.
80.06	Cor. of secs. 16, 17, 20 and 21.
	Land, gently rolling and level. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 03'W. bet. secs. 16 and 17.
	Over nearly level land, thru scattering timber and under-growth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

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Chains	
	¼ S17 | S16 1936 from which
	A juniper, 16 ins. diam., brs. N.6°W., 82 lks. dist., mkd. ¼ S17 BT
	A pinyon, 10 ins. diam.; brs. S.55°E., 104 lks. dist., mkd. ¼ S16 BT
	Continue over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd. T39N R5E S8 | S9 S17 | S16 1936 from which
	A juniper, 4 ins. diam., brs. N.69°E., 124 lks. dist., mkd. T39N R5E S9 BT
	A pinyon, 8 ins. diam., brs. S.58¼°E., 304 lks. dist., mkd. T39N R5E S16 BT
	A pinyon, 8 ins. diam., brs. S.81½°W., 185 lks. dist., mkd. T39N R5E S17 BT
	A juniper, 6 ins. diam., brs. N.52½°W., 273 lks. dist., mkd. T39N R5E S8 BT
	Land, nearly level. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S.89° 58'E. on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.22	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 9, 10, 15 and 16.
	Thence S.89° 57'W. on true line bet. secs. 9 and 16.
	Over nearly level land, thru scattering timber and undergrowth.
11.82	Old road, brs. NW. and SE.
40.11	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 9 S16 1936 from which
	A juniper, 6 ins. diam., brs. N.80¾°E., 646 lks. dist., mkd. ¼ S9 BT
	A juniper, 8 ins. diam., brs. S.55½°W., 265 lks. dist., mkd. ¼ S16 BT

4—673 b

Survey: Subdivision Lines T.39 N., R.5 E.

BOOK 4154

Chains	
	Continue over nearly level land.
80.22	Cor. of secs. 8, 9, 16 and 17.
	Land, nearly level. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	**
	N.0° 03'W. bet. secs. 8 and 9.
	Over nearly level land, thru scattering timber and undergrowth.
8.00	Desc. 60 ft. over NW. slope.
18.00	Thence over nearly level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on cross (x) on surface bedrock and in a mound of stone, 5 ft. base 3 ft. high, for ¼ sec. cor. with brass cap mkd, ¼ S8 | S9 1936
	No bearing trees available.
	Continue over nearly level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd. T39N R5E S5 | S4 S8 | S9 1936
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, nearly level and rolling. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.89° 57'E. on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence West on true line bet. secs. 4 and 9.
	Over rolling land, thru scattering timber and undergrowth; desc. 29 ft. over NW. slope.
5.90	Drain, course NW.; asc. 122 ft. over NE. slope.
26.10	Thence over nearly level land.

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Survey: Subdivision Lines T.39 N., R.5 E.

44

Chains	
40.08	Set an iron post, 3 ft. long, 1 in diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S4 / S9 1936 from which A pinyon, 9 ins. diam., brs. S.15½°E., 207 lks. dist., mkd. ¼ S9 BT A pinyon, 6 ins. diam., brs. N.46¼°W., 122 lks. dist., mkd. ¼ S4 BT
	Continue over nearly level land.
44.83	Leave nearly level land, enter rolling; desc. 142 ft. over W. slope.
57.53	Enter nearly level land.
64.63	Old road, brs. NE. and SW.
80.16	Cor. of secs. 4, 5, 8 and 9.
	Land, nearly level and rolling. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 02'W. on random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.01	Intersect N. bdy. of Tp., 9 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence S.0° 02'W. on true line bet. secs. 4 and 5.
	Over nearly level land, thru scattering timber and undergrowth.
33.00	Old road, brs. NW. and SE.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S5 | S4 1936
	No bearing trees available.
	Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
	Continue over nearly level land.
55.00	Old road, brs. NE. and SW.
80.01	Cor. of secs. 4, 5, 8 and 9.
	Land, nearly level. Soil, sandy and rocky, 3 rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed.; Grass, fair.

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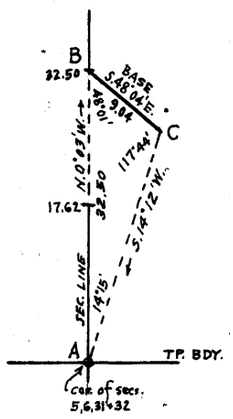
Chains	
	From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of the Tp., which is an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set, with brass cap properly mkd. and witnessed by a mound of stone W. of cor.
	N. 0°03'W. bet. secs. 31 and 32.
	Over mountainous land, thru scattering undergrowth; asc. 172 ft. over SW. slope to
17.62	Foot of impassable Vermillion Cliffs bearing NW. and SE., facing SW. discontinue chaining and triangulate as follows:
	Set flag "A" on the cor. of secs. 5, 6, 31 and 32. From point "B" ahead on sec. line at top of the Vermillion Cliffs chain a base S. 48°04'E., 9.04 chs. to point "C". Bearing from "C" to flag "A" is S. 14° 12'W. Vertical angle from "A" to "B" is +28½°. Included angles of the triangle "A-B-C" are 14°15', 48°01' and 117°44', the sum of which is 180°00'. Triangulated dist. "A" to "B" = 32.50 chs. N. 0°03'W.
	
32.50	Top of Vermillion Cliffs and rim of mesa, brs. NW. and SE. 1165 ft. above sec. cor.
	Resume chaining and continue line and measurement.
	Over nearly level sandy land, thru dense timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a cross (+) chiseled in exposed bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼

S31 | S32

1936

from which

A pinyon, 8 ins. diam., brs. S.31½°E., 115 lks. dist., mkd. ¼ S32 BT.
A pinyon, 6 ins. diam., brs. S. 35°W., 97 lks. dist., mkd. ¼ S31 BT.

Continue over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

T39N	R5E
S30	S29
S31	S32

1936

from which

A pinyon, 6 ins. diam., brs. N. 32¾°E., 49 lks. dist., mkd. T39N R5E S29 BT.

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Survey: Subdivision Lines T. 39 N., R. 5 E.

46

Chains	
	A pinyon, 10 ins. diam., brs. S. 34¼°E., 119 lks. dist., mkd. T39N R5E S32 BT. A pinyon, 6 ins. diam., brs. S. 50¼°W., 45 lks. dist., mkd. T39N R5E S31 BT. A pinyon, 8 ins. diam., brs. N. 12°W., 46 lks. dist., mkd. T39N R5E S30 BT.
	Land, mountainous and nearly level. Soil, sandy and rocky, 3rd and 4th rates. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, poor and fair.
	S. 89°57'E. on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.12	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.
	Thence N. 89°56'W. on true line bet. secs. 29 and 32.
	Over gently rolling land, thru scattering timber and undergrowth; desc. slightly over W. slope.
20.00	Swale, drains NW.; asc. 20 ft. over E. slope.
25.50	Sandy spur, slopes N.; desc. 40 ft. over W. slope.
34.48	Swale, drains N.; asc. slightly over NE. slope to
40.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 29 / S 32 1936 from which A pinyon, 24 ins. diam., brs. N. 80¼°E., 69 lks. dist., mkd. ¼ S29 BT. A pinyon, 8 ins. diam., brs. S. 35¼°W., 111 lks. dist., mkd. ¼ S32 BT.
	Asc. 22 ft. over NE. slope.
47.30	Sandy spur, slopes N.; desc. slightly over NW. slope.
59.00	Swale, drains NE.; asc. slightly over E. slope.
69.00	Top of ascent; thence over nearly level land.
80.12	Cor. of secs. 29. 30, 31 and 32.
	Land, gently rolling and nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N. 89°57'W., on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
43.88	Top of Vermillion Cliffs, impassable precipitous descent; discontinue chaining and obtain measurement by triangulation as follows:

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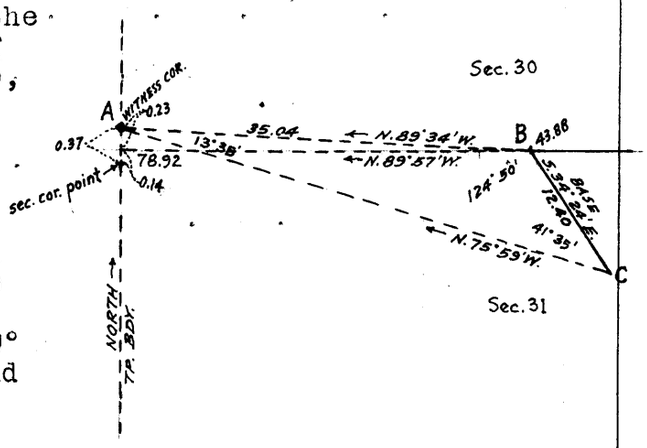
4—673b

SURVEY: Subdivision Lines T. 39 N., R. 5 E.

BOOK 4154 47

Chains	
	Set flag "A" ahead on the witness cor. to cor. of secs. 25, 30, 31 and 36, on W. bdy. of the Tp., 37 lks. N. of the true point for cor. From 43.88 ch. station on random sec. line designated "B", chain a base S. 34°24'E., 12.40 chs. to point "C". The flag "A" bears N.89° 34'W. from point "B" and N. 75°59'W. from point "C".



Vertical angle "B" to "A" is - 4°54'.

Included angles of the triangle "A-B-C" are 13°35', 124° 50' and 41°35', the sum of which is 180°00'.

Dist. chained on random line to "B" = 43.88 chs. N.89°57'W.
Dist. triangulated "B" to "A" = 35.04 chs. N.89°34'W.

Total departure of random line = 78.92 chs. W. and the latitude of random line to "B" plus latitude of line "B-A" = 30 lks. N.

The random line extended N. 89°57'W. from point "B" would therefore at

78.92 Intersect W. bdy. of Tp., 14 lks. N. of true point for cor. of secs. 25, 30, 31 and 36, and 23 lks. S. of the witness cor. thereto, hereinbefore described.

Thence from true cor. point, N. 89°57'E. on true line bet. secs. 30 and 31.

Over mountainous land, thru scattering timber and undergrowth; asc. about 200 ft. over precipitous S. and SW. slopes of Vermillion Cliffs, measurement by triangulation, hereinbefore described.

19.00 (Approx.) Gulch, course S.

35.04 Top of Vermillion Cliffs, and rim of mesa, brs. NW. and SE.; resume chaining over nearly level sandy land, thru scattering timber and undergrowth.

38.92 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼ S 30 / S 31

1936

from which

A pinyon, 8 ins. diam., brs. N. 24½°E., 40 lks. dist., mkd. ¼ S30 BT.
A pinyon, 6 ins. diam., brs. S. 54½°W., 15 lks. dist., mkd. ¼ S31 BT.

Continue over nearly level land.

78.92 Cor. of secs. 29, 30, 31 and 32.

Land, mountainous and nearly level.
Soil, sandy and rocky, 3rd and 4th rates.
Timber, juniper and pinyon.
Undergrowth, sagebrush and rabbitweed.
Grass, fair.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Survey: Subdivision Lines T. 39 N., R. 5 E.

48

Chains	
	N. 0°03'W. bet. secs. 29 and 30.
	Over nearly level land, thru scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S30 | S29 1936 from which A pinyon, 8 ins. diam., brs. S. 64½°E., 180 lks. dist., mkd. ¼ S29 BT. A pinyon, 8 ins. diam., brs. N. 60°W., 60 lks. dist., mkd. ¼ S30 BT.
	Continue over gently rolling land.
	Desc. gradually over NE. slope.
66.97	Swale, drains E.; asc. slightly over S. slope.
77.47	Top of ascent, slopes W.; thence along W. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd. T39N | R5E S19 | S20 S30 | S29 1936 from which A pinyon, 6 ins. diam., brs. N. 4½°E., 115 lks. dist., mkd. T39N R5E S20 BT. A pinyon, 16 ins. diam., brs. S. 58¼°E., 290 lks. dist., mkd. T39N R5E S29 BT. A pinyon, 10 ins. diam., brs. S. 33½°W., 196 lks. dist., mkd. T39N R5E S30 BT. A pinyon, 8 ins. diam., brs. N. 75°W., 209 lks. dist., mkd. T39N R5E S19 BT.
	Land, nearly level and gently rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S. 89°56'E. on random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 15 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	Thence S. 89°58'W. on true line bet. secs. 20 and 29.
	Over rolling mesa land, thru scattering timber and undergrowth; asc. slightly over E. slope.
5.55	Sandy spur, slopes N.; desc. 26 ft. over W. slope.
17.54	Swale, drains N.; asc. 69 ft. over E. slope to

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Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 20 / S 29 1936 from which A pinyon, 8 ins. diam., brs. S. 10½°E., 500 lks. dist., mkd. ¼ S29 BT. A pinyon, 24 ins. diam., brs. N. 19½°W., 159 lks. dist., mkd. ¼ S20 BT.
	Asc. slightly over E. slope.
49.11	Sandy spur, slopes S.; desc. 24 ft. over W. slope.
54.91	Head of swale, drains NW.; asc. 67 ft. over E. slope.
76.00	Sandy spur, slopes NW.; desc. slightly over W. slope to
80.00	Cor. of secs. 19, 20, 29 and 30.
	Land, rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S. 89°57'W. on random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
78.81	Intersect W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence, N. 89°55'E. on true line bet. secs. 19 and 30.
	Over nearly level land, thru scattering timber and undergrowth.
7.70	Leave nearly level and enter rolling land; asc. 41 ft. over W. slope.
11.47	Sandy spur, slopes N.; desc. 54 ft. over E. slope.
27.16	Draw, course SE.; asc. 18 ft. over W. slope.
32.16	Sandy spur, slopes S.; desc. 33 ft. over E. slope to
38.81	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S 19 / S 30 1936 from which A pinyon, 8 ins. diam., brs. S. 13°E., 42 lks. dist., mkd. ¼ S30 BT. A pinyon, 8 ins. diam., brs. N. 39°W., 60 lks. dist., mkd. ¼ S19 BT.
	Desc. 66 ft. over E. slope.
68.78	Swale, drains N.; asc. 41 ft. over W. slope to
78.81	Cor. of secs. 19, 20, 29 and 30.

U. S. GOVERNMENT PRINTING OFFICE: 1931. 6—8155

Survey: Subdivision Lines T. 39 N., R. 5 E.

50

Chains	
	Land, nearly level and rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass fair.
	N. 0°03'W. bet. secs. 19 and 20.
	Over rolling land, thru scattering timber and undergrowth; desc. 39 ft. over W. slope to
14.20	Desc. 70 ft. over N. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S19 | S20 1936 from which A juniper, 8 ins. diam., brs. S. 77½°E., 70 lks. dist., mkd. ¼ S20 BT. A juniper, 16 ins. diam., brs. N. 60½°W., 522 lks. dist., mkd. ¼ S19 BT.
	Desc. 42 ft. over NW. slope.
52.50	Drain, course NW.
75.00	Same drain, course N. 15°E.; asc. slightly over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd. T39N | R5E S18 | S17 S19 | S20 1936 from which A pinyon, 4 ins. diam., brs. N. 59¼°E., 141 lks. dist., mkd. T39N R5E S17 BT. A pinyon, 6 ins. diam., brs. S. 59½°E., 650 lks. dist., mkd. T39N R5E S20 BT. A pinyon, 8 ins. diam., brs. S. 84½°W., 120 lks. dist., mkd. T39N R5E S19 BT. A pinyon, 9 ins. diam., brs. N. 41°W., 288 lks. dist., mkd. T39N R5E S18 BT.
	Land, rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass fair.
	N. 89°58'E. on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 16, 17, 20 and 21.
	Thence N. 89°57'W. on true line bet. secs. 17 and 20.
	Over rolling land, thru scattering timber and undergrowth; asc. 88 ft. over E. slope.

U. S. GOVERNMENT PRINTING OFFICE: 1936 6—8155

Chains	
24.50	Sandy spur, slopes N.; desc. 80 ft. over W. slope to
39.96	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd. ¼ S 17 / S 20 1936 from which A pinyon, 16 ins. diam., brs. N. 4½°E., 200 lks. dist., mkd. ¼ S17 BT. A pinyon, 10 ins. diam., brs. S. 54¼°W., 260 lks. dist., mkd. ¼ S20 BT.
	Thence over nearly level land.
79.92	Cor. of secs. 17, 18, 19 and 20.
	Land, rolling and nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S. 89°55'W. on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
78.86	Intersect W. bdy. of the Tp., 19 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
	Thence S. 89°57'E. on true line bet. secs. 18 and 19.
	Over nearly level land, thru scattering timber and undergrowth.
38.86	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 18 / S 19 1936 from which A pinyon, 18 ins. diam., brs. S. 80½°W., 86 lks. dist., mkd. ¼ S19 BT. A pinyon, 24 ins. diam., brs. N. 76¼°W., 63 lks. dist., mkd. ¼ S18 BT.
	Continue over nearly level land.
78.86	Cor. of secs. 17, 18, 19 and 20.
	Land, nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N. 0°03'W. bet. secs. 17 and 18.
	Over nearly level land, thru scattering timber and undergrowth; desc. slightly over NE. slope.
21.00	Swale, drains NW.; thence along W. slope.

Survey: Subdivision Lines T. 39 N., R. 5 E.

52

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S18 | S17 1936 from which
	A pinyon, 6 ins. diam., brs. S. 57½°E., 483 lks. dist., mkd. ¼ S17 BT.
	No other tree available.
	N. edge of rock outcrop, 12x7 ft. base, 8 ft. high, brs. N. 72°45'E., 377 lks. dist. No marks.
	Continue over nearly level land.
72.20	Tres Pinos Ranch Road, brs. NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap mkd. T39N | R5E S 7 | S 8 S18 | S17 1936 from which
	A pinyon, 6 ins. diam., brs. N. 53½°E., 594 lks. dist., mkd. T39N R5E S8 BT. A pinyon, 6 ins. diam., brs. S. 49°E., 172 lks. dist., mkd. T39N R5E S17 BT. A juniper, 10 ins. diam., brs. S. 19¼°W., 434 lks. dist., mkd. T39N R5E S18 BT. A juniper, 10 ins. diam., brs. N. 28¼°W., 204 lks. dist., mkd. T39N R5E S7 BT.
	Land, nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass fair.
	S. 89°57'E. on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect N. and S. line, 10 lks. S. of the cor. of secs. 8, 9, 16 and 17.
	Thence, S. 89°59'W. on true line bet. secs. 8 and 17.
	Over nearly level land, thru scattering timber and undergrowth.
39.92	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 8 S 17 1936

U. S. GOVERNMENT PRINTING OFFICE: 1944 6—8155

Chains	
	from which
	A juniper, 14 ins. diam., brs. S.12¼°W., 629 lks. dist., mkd. ¼ S17 BT
	A juniper, 14 ins. diam., brs. N.56°W., 163 lks. dist., mkd. ¼ S8 BT
	Continue over nearly level land.
72.00	Road, brs. NE. and SW.
79.84	Cor. of secs. 7, 8, 17 and 18.
	Land, nearly level. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.89° 57'W. on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
78.73	Intersect W. bdy. of Tp., 17 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.
	Thence N.89° 56'E. on true line bet. secs. 7 and 18.
	Over rolling land, thru dense timber and undergrowth; desc. 58 ft. over E. slope.
5.73	Ravine, course SE.; asc. 23 ft. over S. slope.
13.73	Top of ascent, slopes S.; desc. 48 ft. over S. slope.
15.03	Tres Pinos (Jarvis) Ranch, brs. S.5° 53'E., approx. 40 chs. dist.
33.73	Change of slope; desc. slightly over E. slope.
38.73	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 7 / S18 1936 from which
	A pinyon, 12 ins. diam., brs. N.42¼°E., 140 lks. dist., mkd. ¼ S7 BT
	A pinyon, 10 ins. diam., brs. S.45¼°W., 107 lks. dist., mkd. ¼ S18 BT
	Desc. 163 ft. gradually over E. slope.
58.74	Enter scattering timber, brs. N. and S.
78.73	Cor. of secs. 7, 8, 17 and 18.
	Land, rolling. Soil, sandy and rocky, 3rd. rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	N.0° 03'W. bet. secs. 7 and 8.

Survey: Subdivision Lines T.39 N., R.5 E.

54

Chains	
	Over rolling mesa land, thru scattering timber and undergrowth; asc. 36 ft. over gentle S. slope.
10.00	Top of ascent, slopes E.; thence along E. slope.
30.00	Head of ravine, course E.; asc. 20 ft. over S. slope.
36.10	Sandy spur, slopes E.; desc. 18 ft. over NE. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼

S7 | S8

1936

from which

A juniper, 12 ins. diam., brs. N.84½°E., 47 lks. dist., mkd. ¼ S8 BT

A juniper, 14 ins. diam., brs. S.60¼°W., 52 lks. dist., mkd. ¼ S7 BT

Desc. 31 ft. over NE. slope.

46.29	Ravine, course E.; asc. slightly over gentle E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T39N R5E

S6 | S5

S7 | S8

1936

from which

A juniper, 18 ins. diam., brs. N.72½°E., 122 lks. dist., mkd. T39N R5E S5 BT

A juniper, 6 ins. diam., brs. S.23½°E., 177 lks. dist., mkd. T39N R5E S8 BT

A juniper, 6 ins. diam., brs. S.45¾°W., 277 lks. dist., mkd. T39N R5E S7 BT

A juniper, 6 ins. diam., brs. N.69½°W., 172 lks. dist., mkd. T39N R5E S6 BT

Land, rolling.
Soil, sandy and rocky, 3rd. rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and rabbitweed.
Grass, fair.

	N.89° 59'E. on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence S.89° 58'W. on true line bet. secs. 5 and 8.
	Over nearly level land, thru scattering timber and undergrowth.
7.40	Sandstone outcrop, 15 x 20 ft. base, 17 ft. high.

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to cross (+) on bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S 5 / S 8 1936
	No bearing trees available.
	Continue over nearly level land.
57.20	Road, brs. N. and S.
69.50	Asc. slightly over E. slope to
80.00	Cor. of secs. 5, 6, 7 and 8.
	Land, nearly level. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush and rabbitweed. Grass, fair.
	S. 89°56'W. on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
78.46	Intersect W. bdy. of the Tp., 16 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.
	Thence S. 89°57'E. on true line bet. secs. 6 and 7.
	Over gently rolling land, thru scattering timber and undergrowth; desc. slightly over E. slope.
2.48	Swale, drains NE.; asc. 33 ft. over NW. slope.
27.48	Sandy spur, slopes N.; desc. 25 ft. over NE. slope.
38.46	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd. ¼ S 6 / S 7 1936 from which A pinyon, 10 ins. diam., brs. N. 70°E., 48 lks. dist., mkd. ¼ S6 BT. A pinyon, 6 ins. diam., brs. S. 64½°W., 61 lks. dist., mkd. ¼ S7 BT.
	Desc. 18 ft. over E. slope.
42.33	Swale, near head, course SE.; asc. slightly over W. slope.
50.03	Sandy spur, slopes S.; desc. 101 ft. over E. slope.
65.96	Ravine, course NE.; desc. slightly over E. slope.
78.46	Cor. of secs. 5, 6, 7 and 8.

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Chains	
	Land, gently rolling. Soil, sandy and rocky, 3rd rate. Timber, juniper and pinyon. Undergrowth, sagebrush. Grass, fair.
	N. 0°02'E. on random line bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
80.17	Intersect N. bdy. of the Tp., 14 lks. E. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
	Thence S. 0°04'E. on true line bet. secs. 5 and 6.
	Over nearly level land, thru scattering timber and undergrowth.
9.53	Road, brs. NW. and SE.
40.17	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.
	¼ S6 | S5 1936
	from which
	A juniper, 15 ins. diam., brs. S. 40°E., 50 lks. dist., mkd. ¼ S5 BT.
	A pinyon, 10 ins. diam., brs. S. 39½°W., 105 lks. dist., mkd. ¼ S6 BT.
	Continue over gently rolling land; asc. slightly over E. slope.
47.69	Sandy spur, slopes E.; desc. 30 ft. over SE. slope.
53.17	Ravine, course E.; thence along E. slope.
80.17	Cor. of secs. 5, 6, 7 and 8.
	Land, nearly level and gently rolling. Soil, sandy and rocky, 3rd rate. Undergrowth, sagebrush and rabbitweed. Timber, juniper and pinyon. Grass, fair.

GENERAL DESCRIPTION

This township is situated at the southern edge of the Paria Plateau. The area of this plateau is of considerable extent, bounded on the south and east by the Vermillion Cliffs, on the north by the Paria River and on the west by Houserock and Coyote Valleys. The rim of the Vermillion Cliffs cross secs. 30, 31, 32 and 36, of this township. These cliffs, of bare sandstone, range from 1500 to 2000 feet in heighth, and have almost perpendicular faces.

The average elevation of the plateau in this township is about 6500 ft. above sea level. The surface is gently rolling and nearly level, and the general course of the drainage is northerly. The surface is broken in many

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

Chains

parts by scattered sandstone outcrops and pinnacles.

The soil is sandy and rocky, 3rd rate, 2 to 3 ft. deep to bed rock.

The timber consists of pinyon and juniper, and in most parts of the township is scattering, but dense growths are located in the southeastern part. The undergrowth consists of native weeds, sagebrush, greasebrush and cacti, and in general is scattering. A fair growth of grass is prevalent over many sections.

There are no premanently flowing streams of water, or springs. The only water in the township is contained in a cistern in NW. ¼ of sec. 18, at the Tres Pinos Ranch.

There is only one settler in this township, Jarvis, who owns the Tres Pinos Ranch in sec. 18, and his house, corrals and sheds at said ranch constitutes the only improvements in the township.

The land at present is utilized for the grazing of cattle and goats.

There is no evidence of any valuable mineral deposits in the township.

A road from the Tres Pinos Ranch in sec. 18, extends northerly, which, after leaving the township, extends westerly to Houserock Valley. Another road from same ranch extends northeasterly to the old Hamblin Ranch (Hamblin Wells) in sec. 31, T. 40 N., R. 6 E. Both of these roads are in deep sand. There are no roads in the south half of the township. U.S. Highway No. 89, the main artery of travel between Arizona and Utah, crosses the adjoining township to the south, but owing to the Vermillion Cliffs, no direct road connection from this township to the highway is possible.

The nearest postoffice is Jacob Lake in NW. part of T. 38 N., R. 2 E., which is about 32 miles distant by road from Tres Pinos Ranch.

FINAL TESTS OF INSTRUMENTS
Young and Son's transit No. 8540

Oct. 25, 1936; at station in NW.¼ of sec. 6, T. 38 N., R. 5 E., in latitude 36°43½'N., and longitude 111°54¼'W., examine the adjustments of the instrument and find no errors. Then test the solar apparatus by comparing its indications hourly with the true meridian established at this station by Polaris observation on Oct. 18, 1936 as hereinbefore described.

At 9h. 00m., a.m., app.t., set off 36°43½' N. on the lat. arc; 12°10½' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of 12°13½' S. on the decl. arc; which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 12°15½'S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

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As all of the observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this transit has remained in satisfactory adjustment throughout the surveys executed with same as described in the foregoing field notes.

Young and Son's transit No. 8491.

Nov. 29, 1936, at station near center of sec. 36, T. 40 N., R. 4 E., in latitude 36°49½' N., longitude 111°55' W., examine the adjustments of the instrument and find no errors. Then test the solar apparatus by comparing its indications hourly with the true meridian established at this station by Polaris observation on Nov. 8, 1936, as hereinbefore described.

At 9h.00m., a.m., app.t., set off 36°49½' N. on the lat. arc; 21°29½' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of 21°31½' S., on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 21°32' S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this transit has remained in satisfactory adjustment throughout the surveys executed with same as described in the foregoing field notes.

Young and Son's transit No. 8526

Nov. 1, 1936, at station in SW. ¼ of sec. 28, T. 41 N., R. 4 E., in latitude 36°55½' N., longitude 111° 58½' W.; at 4h. 57m., a.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a peg driven firmly in the ground, 5 chs. N.

Azimuth of Polaris = 1°17'13".

At 8h. a.m., lay off the azimuth of Polaris 1°17' to the east and mark the meridian thus determined by a tack driven firmly in the ground 5 chs. N.

Dec. 13, 1936, at above described station;
At 9h. 00m., a.m., app,t., set off 36°55½' N. on the lat. arc; 23°08' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian, and obtain a reading of 23°09½' S. on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 23°09' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

As all of the observations taken during the usual hours of solar work agree within 1' with the true meridian, conclude that this transit has remained in satisfactory adjustment throughout the surveys executed with same as described in the foregoing field notes.

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—8155

(1)

BOOK 4154

4—680
(August, 1926)

FIELD ASSISTANTS.

to

Bryan Routh, Transitman (P.W.)

NAMES.	CAPACITY.
Orland K. Parks	Principal Assistant
Leslie McMahan	Chainman
Edward S. Shinn	Flagman
Nelson B. Turner	Moundsman
Kenneth Poor	Axeman
Elton Adams	Axeman
William Maher	Axeman

6—2764

156

BOOK 4154

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Bryan Routh, Transitman (P.W.), , hereby certify upon honor that, in pursuance of supplemental special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

West Boundary

and

Subdivision Lines of

Township 39 North, Range 5 East of the Gila and Salt River Meridian, in the State of Arizona, 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 supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona
December 27, 1937

Bryan Routh
Transitman (P.W.)

~~APPROVAL~~

~~OFFICE OF U. S. SUPERVISOR OF SURVEYS,~~

~~, 19~~

~~The foregoing field notes of the survey of~~

~~executed by~~

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

~~U. S. Supervisor of Surveys.~~

~~I certify that the foregoing transcript of the field notes of the above-described surveys in , has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764

157

(63)

BOOK 4[illegible]

4—680
(August, 1926)

FIELD ASSISTANTS.

to

Daniel M. Wier, Transitman (P.W.)

NAMES.	CAPACITY.
Dawson Cooley	Principal Assistant
Edmond R. Brenizer	Chainman
James D. King	Cornerman
Archer Munger	Flagman

6—2764

158

BOOK 4154

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Daniel M. Wier, Transitman (P.W.), hereby certify upon honor that, in pursuance of supplemental special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

West Boundary

of

Township 39 North, Range 5 East of the Gila and Salt River Meridian, in the State of Arizona, 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 supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona,
January 31, 1938.

Daniel M Wier
Transitman (P.W.)

~~APPROVAL~~

~~Office of U. S. Supervisor of Surveys~~,

....., ~~19.~~

~~The foregoing field notes of the survey of~~ .....

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.....

~~executed by~~ .....

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

.....
~~U. S. Supervisor of Surveys.~~

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

....., ~~has been correctly copied from the original notes on file in this office.~~

.....
~~U. S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764

159
(65)

BOOK 434

4—680
(August, 1926)

FIELD ASSISTANTS.
to
Elliott Pearson, Transitman (P.W.)

NAMES.	CAPACITY.
A. W. Stacey	Principal Assistant
Eugene W. James	Chainman
Frank G. Brown	Flagman
Roger V. Gilbert	Moundsman
Walter Fields	Axeman
John R. Butler	Axeman
Fred D. Harris	Axeman

6—2764

160

(W)

BOOK 114

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Elliott Pearson, Transitman (P.W.), hereby certify upon honor that, in pursuance of supplemental special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of West Boundary and Subdivision Lines of Township 39 North, Range 5 East of the Gila and Salt River Meridian, in the State of Arizona, 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 supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Fredonia, Arizona
January 4, 1938

Elliott Pearson
Transitman (P.W.)

~~APPROVAL~~

~~OFFICE OF U. S. SUPERVISOR OF SURVEYS,~~

....., ~~19~~.

~~The foregoing field notes of the survey of~~ .....

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~~executed by~~ .....

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

.....
~~U. S. Supervisor of Surveys~~.

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

....., ~~has been correctly copied from the original notes on file in this office.~~

.....
~~U. S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764

4—680
(August, 1926)

BOOK 254

FIELD ASSISTANTS.

to

Bert E. Wakeman, Transitman (P.W.)

NAMES.	CAPACITY.
Orland K. Parks	Principal Assistant
Leslie McMahan	Chainman
Edward S. Shinn	Flagman
Nelson B. Turner	Moundsman
Kenneth Poor	Axeman
Elton Adams	Axeman
William Maher	Axeman

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CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Bert E. Wakeman, Transitman (P.W.), hereby certify upon honor that, in pursuance of supplemental special instructions received from the District Cadastral Engineer for Arizona bearing date of the 27th day of March, 1936, 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 North Boundary and Subdivision Lines of Township 39 North, Range 5 East of the Gila and Salt River Meridian, in the State of Arizona, 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 supplemental special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona
January 3, 1938

Bert E. Wakeman
Transitman (P.W.)

APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, June 29, 1938

The foregoing field notes of the survey of West Boundary, North Boundary and Subdivision Lines of Township 39 North, Range 5 East of the Gila and Salt River Meridian, in the State of Arizona executed by Bert E. Wakeman, Elliott Pearson, Daniel M. Wier and Bryan Routh, Transitmen (P.W.) under supplemental special instructions dated March 27, 1936 for Group 181, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Elliott Pearson
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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