

3589

Book "I"
4-679

BOOK 3589

FIELD NOTES

OF THE SURVEY OF THE

South boundary,

West boundary, and

Subdivision lines of

TOWNSHIP 2 SOUTH, RANGE 29 EAST,

and of the Retracement of the

Boundary of Forest Homestead, Survey No. 488, in Secs. 12 and 13,

TOWNSHIP 2 SOUTH, RANGE 29 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William H. Thorn, U.S. Cadastral Engineer,

Benjamin J. Kinsey, U.S. Transitman, and

Quintin Campbell, U.S. Surveyor,

In the capacity of U. S. Surveyors, under Special Instructions dated August 24, 1920, issued by the United States Surveyor General to govern surveys included in Group No. 111, which were approved by the Commissioner of the General Land Office, December 18, 1920, and Assignment Instructions dated November 17, 1920 and March 15, 1922.

Survey commenced May 3, 1921

Survey completed June 1, 1921

Retracement of H.E.S. No. 488 executed March 20, 1922.

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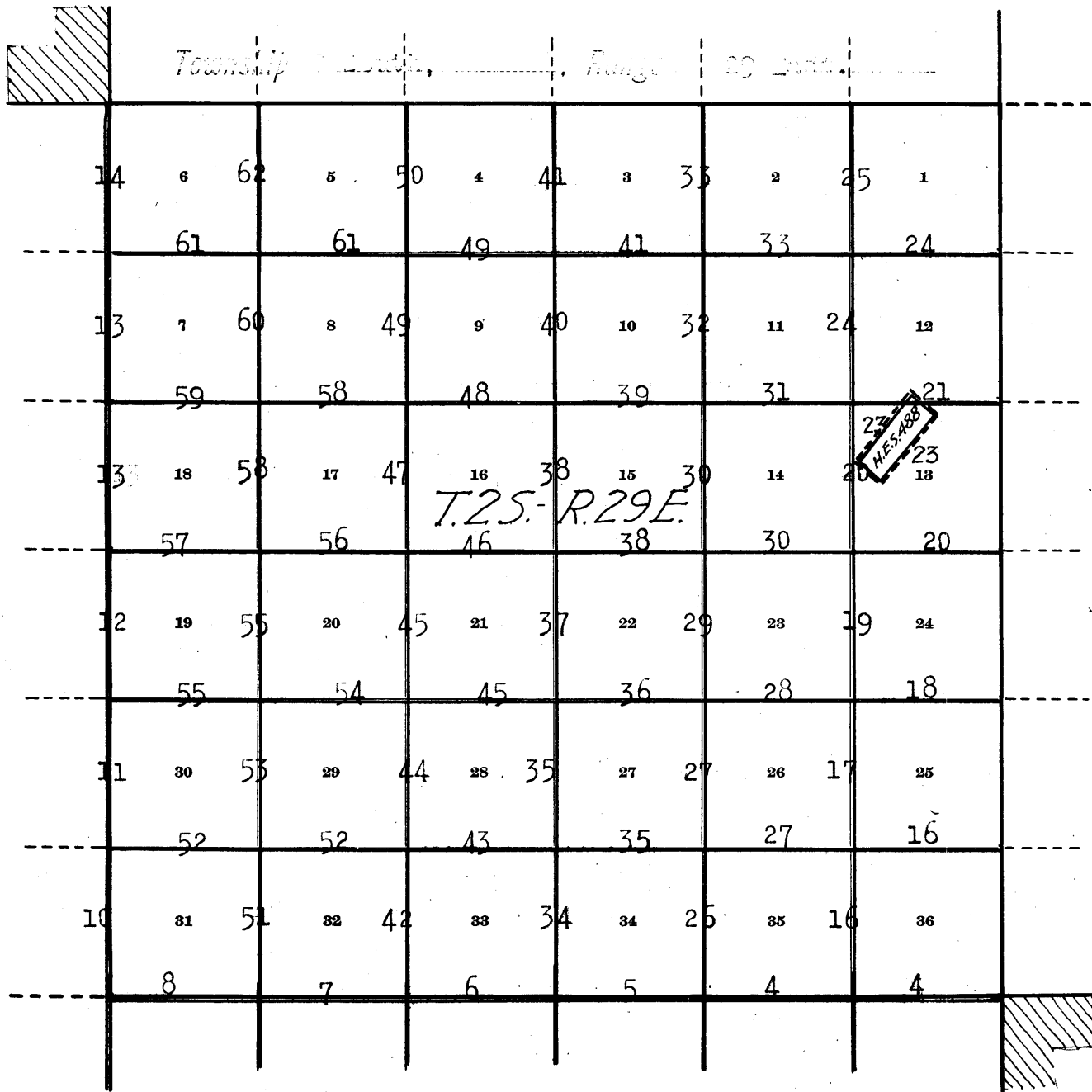
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Book "I"
Group 111 - - Arizona.

BOOK 3589

INDEX DIAGRAM.



- Lines surveyed under this group.
- - - Lines retraced under this group.
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BOOK 888
1B

Book "I"
Group 111 - - - Arizona.
Township 2 South, Range 29 East,

DATE DIAGRAM.

Accepted survey

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M.H.S. 488
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3-20-22

Accepted survey

Solid red lines on above diagram indicate surveys executed by William M. Thorn, U.S. Cadastral Engineer, on dates shown thereon.

Solid black lines on above diagram indicate surveys executed by Benjamin J. Kinsey, U.S. Transitman, on dates shown thereon.

Dotted green lines on above diagram indicate retracements executed by Quintin Campbell, U.S. Surveyor, on dates shown thereon.

Surveys hereinafter described were executed by William H. Thorn, U.S.S., and Benjamin J. Kinsey, U.S.T., on dates shown on diagram on page 1 hereof, using Young and Sons light mountain transits Nos. 8592 and 8487, respectively. Each instrument is equipped with full vertical circle, and the Smith solar attachment. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

We examine the adjustment of each instrument, and correct all errors; then, to test the solar apparatus, by comparing its indications from observations made during a.m. and p.m. hours, with a meridian established by Polaris observations, proceed with each instrument as follows:

May 3, 1921: At the cor. of Ts. 2 and 3 S., Rs. 29 and 30 E., Gila and Salt River Base and Meridian, Arizona, in latitude $33^{\circ}12'19''$ N.; longitude $109^{\circ}17'33''$ W., at 4h. 51.3m. a.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, on a peg driven firmly in the ground, 5 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}20'11''$.

Lay off the azimuth of Polaris, $1^{\circ}20'$ to the west, and mark the meridian thus determined by a tack in a peg driven in the ground, 5 chs. N.

At 9h. 0m. a.m., l.m.t., I set off $33^{\circ}12\frac{1}{2}'$ N. on the lat. arc; $15^{\circ}39\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is $15^{\circ}41\frac{1}{2}'$ N., which agrees with the computed decl. of the sun.

At 3h. 0m. p.m., l.m.t., with the lat. arc unchanged, set off $15^{\circ}43\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made with both instruments during the usual hours of solar work come within $1'30''$ of the true meridian, we conclude that the adjustment of the instruments is satisfactory.

All measurements are made with Lufkin steel tapes, 5 chs. in length, compared with a Chesterman standard steel tape and found correct.

The measurements are made on the slope, angles measured with clinometer, and the slope measurements properly reduced to the true horizontal distances.

The retracement of the boundary of Forest Homestead, Survey No. 488 in secs. 12 and 13, T. 2 S., R. 29 E., and the ties of same to the $\frac{1}{4}$ sec. cor. of secs. 12 and 13, and to $\frac{1}{4}$ sec. cor. of secs. 13 and 14, was executed by Quintin Campbell, U.S.S. on date shown on diagram on page 1 hereof, using Young and Sons light mountain transit No. 8487, previously used by Benjamin J. Kinsey, U.S.T., as hereinbefore described.

Field test of the instrument by Surveyor Campbell, described as follows:

March 20, 1922: I examine the adjustment of the instrument and correct all errors; then, to test the solar apparatus, by comparing its indications from observations made during a.m. and p.m. hours, with a meridian established by Polaris observation, proceed as follows:

At Gatlin's Ranch, in the NW. $\frac{1}{4}$ of sec. 13, T. 2 S., R. 29 E., Gila and Salt River Base and Meridian, Arizona, in latitude $33^{\circ}15'36''$ N.; longitude, $109^{\circ}18'22''$ W. At 7h. 40m. a.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground, 5 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}19'35''$.

Lay off the azimuth of Polaris, $1^{\circ}19\frac{1}{2}'$ to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground, 5 chs. N.

At 9h. 0m. a.m., l.m.t., I set off $33^{\circ}16'$ N. on the lat. arc; $0^{\circ}16'$ S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $0^{\circ}14\frac{1}{2}'$ S., which agrees with the computed declination of the sun.

At 3h. 0m., p.m., l.m.t., with the lat. arc unchanged, I set off $0^{\circ}12'$ S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustment of the instrument is satisfactory.

All measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Chesterman standard steel tape, and found correct.

The measurements are made on the slope, the vertical angles determined with clinometer, and the slope measurements properly reduced to true horizontal distances.

4 Survey of S. bdy. of Township 2 South, Range 29 East

Chains.

The cor. of Ts. 2 and 3 S., Rs. 29 and 30 E., reestablished by William B. Kimmel, U.S.S. in 1914 is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, witnessed by four properly marked bearing trees, as follows:

- A cedar, 6 ins. in diam., N. 74° E., 175 lks. dist.
- A pine, 6 ins. in diam., brs. S. 64½° E., 130 lks. dist.
- A cedar, 6 ins. in diam., S. 47° W., 35 lks. dist.
- A cedar, 6 ins. in diam., N. 76¼° W., 60 lks. dist.

From a point 3 lks. S. of this cor.,
N. 89° 58' W., on the secant, S. of sec. 36.

Over mountainous land, thru. dense undergrowth and scattering timber.

Ascend 80 ft., over SE. slope.

2.23 Spur, slopes S.

Descend 465 ft., over SW. slope.

33.00 Wash, 20 lks. wide, course SE.

Ascend 135 ft., over SE. slope, to

40.00 (North 1 lk. from the secant), Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 36
 S 1
 1921

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

Ascend 170 ft., over E. slope.

47.00 Spur, slopes S. 20° E.

Ascend 80 ft. over S. slope.

56.40 Rim of Prieto Plateau, brs. NE. and SW. Leave mountainous, and enter rolling land on Prieto Plateau.

Descend 120 ft., over NW. slope.

59.40 Wire fence brs. NE. and SW.

66.00 Trail, brs. NE. and SW.

76.00 Head of draw, course N.

Ascend 35 ft., over N. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T2S | R29E
 S35 | S36
 S 2 | S 1
 T3S
 1921

from which,

- A juniper, 24 ins. in diam., brs. N. 6° E., 170 lks. dist., marked T2S R29E S36 BT.
- A juniper, 4 ins. in diam., brs. S. 63° E., 50 lks. dist., marked BT.
- A juniper, 20 ins. in diam., brs. S. 59° W., 142 lks. dist., marked T3S R29E S2 BT.
- A juniper, 4 ins. in diam., brs. N. 30½° W., 116 lks. dist., marked BT.

Land, E. 56½ chs., mountainous; W. 23½ chs. rolling.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and cedar.

Undergrowth, dense scrub oak, ironwood, locust and cacti.

N. 89° 58' W., on the secant, thru. sec. 35.

Over rolling land on Prieta Plateau, thru. scattering timber and dense undergrowth.

Ascend slightly over NE. slope.

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South boundary of Township 2 South, Range 29 East. 5

Chains.
 8.00 Trail, brs. NW and SE.
 15.00 Rim of Prieto Plateau, brs. NW. and SE. Leave rolling, and enter mountainous land.
 Descend 225 ft., over SW. slope.
 22.76 Head of gulch, course S.
 Ascend 15 ft., over SE. slope.
 23.27 Descend 45 ft., over SW. slope, to
 24.70 Ascend 85 ft., over S. slope.
 38.10 Ascend 32 ft., over SE. slope, to
 40.00 South, 1 lk. from the secant. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 35 \\ S 2 \\ 1921 \end{array}$$

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 30 ft., over SE. slope.
 41.95 Spur, slopes S. from rim of Prieto Plateau.
 Descend 30 ft., over SW. slope, to
 46.93 Thence over S. slope.
 Ascend 20 ft.
 48.40 Descend 20 ft.
 54.40 Ascend 7 ft.
 55.90 Descend 115 ft.
 58.00 Trail, brs. N. and S.
 64.66 Ascend 7 ft.
 66.65 Descend 14 ft.
 69.14 Ascend 20 ft., over SE. and E. slopes.
 75.62 Spur, slopes SE.
 Descend 58 ft., over SW. slope, to
 80.00 South 2 lks. from the secant. Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

$$\begin{array}{r|l} T2S & R29E \\ S34 & S35 \\ \hline S 3 & S 2 \\ T38 & \\ 1921 & \end{array}$$

from which,
 A pine, 10 ins. in diam., brs. N. $81\frac{1}{2}^{\circ}$ E., 126 lks. dist., marked T2S R29E S35 BT.
 A pine, 4 ins. in diam., brs. S. 15° W., 100 lks. dist., marked BT.
 No other trees within limits; raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, E. 15 chs., rolling; W. 65 chs. mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and cedar.
 Undergrowth, dense scrub oak, ironwood, locust and cacti.

 N. $89^{\circ} 59' W.$, on the secant, thru. sec. 34.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend 102 ft., over SW. slope.
 4.23 Gully, course S.
 Ascend 48 ft., over SE. slope.
 8.18 Descend 66 ft., over SW. slope.
 11.68 Walnut Spring ranch house brs. South about 5 chs. dist.
 14.46 Old mail road, brs. N. and S.
 15.62 Wash, 20 lks. wide, in gulch, course S.
 Ascend 106 ft., over E. slope.

6 South boundary of Township 2 South, Range 29 East.

Chains.

- 19.50 Spur, slopes S.
Descend 70 ft., over W. slope.
- 24.43 Gulch, course SE.
Ascend 227 ft., over NE. slope.
- 32.00 Trail, brs. N. and S.
- 34.00 Ridge, brs. NW. and SE.
Descend 90 ft., over SW. slope to $\frac{1}{4}$ sec. cor.
- 39.00 Same trail, brs. NW. and SE.
- 40.00 South 3 lks. from the secant. Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 34 \\ S 3 \\ 1921 \end{array}$$

from which,

A cedar, 8 ins. in diam., brs. N. $19\frac{1}{4}^{\circ}$ E., 141 lks. dist., marked $\frac{1}{4}$ S 34 BT.

An oak, 4 ins. in diam., brs. S. $51\frac{1}{2}^{\circ}$ W., 18 lks. dist. marked BT.

From this cor., U.S.L.M., 226, brs. N. $69^{\circ}36'$ W.

- 44.54 Descend 94 ft., over SW. slope.
Wash, 20 lks. wide, in gulch, course SE.
- 55.71 Ascend 270 ft., over E. slope, to
Ridge, brs. NW. and S.
- 66.49 Descend 225 ft. over SW. slope.
Wash, 20 lks. wide in gulch, course S.
- 80.00 Ascend 353 ft., over E. slope, to
South, 3 lks. from the secant. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

$$\begin{array}{r|l} T2S & R29E \\ S33 & S34 \\ \hline S 4 & S 3 \\ T3S \\ 1921 \end{array}$$

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

From this cor., U.S.L.M. 226, brs. N. $72^{\circ}5'$ E.

Land, mountainous.

Soil, rocky, 3rd rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak, locust, ironwood, tesota, ocotillo and other cacti.

West, on the secant, thru. sec. 33.

Over mountainous land, thru. scattering timber and dense undergrowth.

- 0.91 Ascend 27 ft., over E. slope.
Spur, slopes S.
Descend 25 ft., over W. slope.
- 3.87 Ascend 33 ft., over S. slope.
- 10.35 Descend 90 ft., over SW. slope.
- 23.93 Wash, 20 lks. wide, course SE.
Ascend 84 ft., over NE. slope.
- 28.07 Spur, slopes SE.
Descend 22 ft. over SW. slope.
- 31.43 Wash, course SE.
Ascend 225 ft., over SE. slope to $\frac{1}{4}$ sec. cor.
- 31.94 Trail, brs. NE. to Sutherlin's TKH ranch, and SW.
- 32.93 Same trail, brs. SE. from W. Thence along trail to
- 33.43 Leave trail, brs. NW. and E.
- 37.82 Same trail, brs. SW. and NE.
- 40.00 South, 2 lks. from the secant.

South boundary of Township 2 South, Range 29 East. 7

Chains.

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 33
S 4
1921

from which,

A pine, 10 ins. in diam., brs. N. $69\frac{1}{2}^\circ$ W., 90 lks. dist., marked $\frac{1}{4}$ S 33 BT.

An oak, 12 ins. in diam., brs. S. 9° W., 20 lks. dist., marked $\frac{1}{4}$ S 4 BT.

Ascend 205 ft., over SE. slope.

40.10 Trail, brs. N. and S.

47.74 Point of spur, slopes S.

Descend 125 ft., over SW. slope.

52.18 Dry bed of Sardine Creek in ravine, course SE.

Ascend 575 ft., over NE. slope.

54.69 Same trail as crossed at 31.94 ch. station, brs. NW. and SE.

77.79 Ridge brs. NW. and S., forming divide between Eagle Creek and San Francisco River.

Descend 18 ft., over W. slope, to sec. cor.

79.82 Old road brs. N. and S.

80.00 South; 2 lks. from the secant, Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T2S | R29E
S32 | S33
S 5 | S 4
T3S
1921

from which,

A yellow pine, 14 ins. in diam., brs. N. 42° E., 81 lks. dist., marked T2S R29E S33 BT.

A yellow pine, 10 ins. in diam., brs. S. $30\frac{1}{4}^\circ$ E., 73 lks. dist., marked T3S R29E S4 BT.

A yellow pine, 8 ins. in diam., brs. S. $34\frac{3}{4}^\circ$ W., 52 lks. dist., marked T3S R29E S5 BT.

A pine, 6 ins. in diam., brs. N. 33° W., 69 lks. dist., marked T2S R29E S32 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and cedar.

Undergrowth, dense scrub oak, locust, ironwood, tesota, ocotillo and other cacti.

S. $89^\circ 59'$ W., on the secant, thru. sec. 32.

Over mountainous land, thru. scattering timber and dense undergrowth.

Descend 98 ft., over NW. slope.

5.57 New road, brs. N. to Springerville and S. to Metcalf.

7.37 Graded trail, brs. N. and S.

8.29 Head of gulch, course NW.

Descend 260 ft., over N. slope.

31.80 Ascend 25 ft., over NE. slope, to

40.00 South 1 lk. from the secant, Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 32
S 5
1921

from which,

8 South boundary of Township 2 South Range 29 East.

Chains.

- A yellow pine, 18 ins. in diam., brs. N. 68° E., 126 lks. dist., marked $\frac{1}{4}$ S 32 BT.
 A juniper, 10 ins. in diam., brs. S. 27° E., 49 lks. dist., marked $\frac{1}{4}$ S 5 BT.
 Descend 200 ft., over NW. slope.
 50.02 Wash, 30 lks. wide, in ravine, course SW.
 Ascend 200 ft., over SE. slope.
 63.10 From this point, cabin at J. McCulloch's ranch, brs. S. 52° 40' E., about 40 chs. dist.
 64.57 Descend 88 ft., over S. slope.
 73.50 Spur, slopes SW.
 Descend 82 ft., over NW. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T2S	R29E
S31	S32
S 6	S 5
T3S	
1921	

from which,

- A pine, 12 ins. in diam., brs. N. 28° E., 43 lks. dist., marked T2S R29E S32 BT.
 A juniper, 10 ins. in diam., brs. S. 42° E., 55 lks. dist., marked T3S R29E S5 BT.
 A juniper, 12 ins. in diam., brs. S. 11 $\frac{1}{2}$ ° W., 43 lks. dist., marked T3S R29E S6 BT.
 A juniper, 12 ins. in diam., brs. N. 23 $\frac{1}{2}$ ° W., 22 lks. dist., marked T2S R29E S31 BT.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and cedar.
 Undergrowth, dense scrub oak, ironwood, locust and cacti.

- S. 89° 59' W., on the secant, S. of sec. 31.
 Over mountainous land, thru scattering timber and dense undergrowth.
 Descend 255 ft., over NW. slope.
 11.08 Wash, in ravine, course SW.
 Ascend 48 ft., over SE. slope.
 16.51 Point of spur, slopes S. from NE.
 Descend 300 ft. over SW. slope to bottom of ravine.
 39.77 North, 1 lk. from the secant, Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported by a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap,

WC $\frac{1}{4}$	S 31
	S 6
	1921

from which,

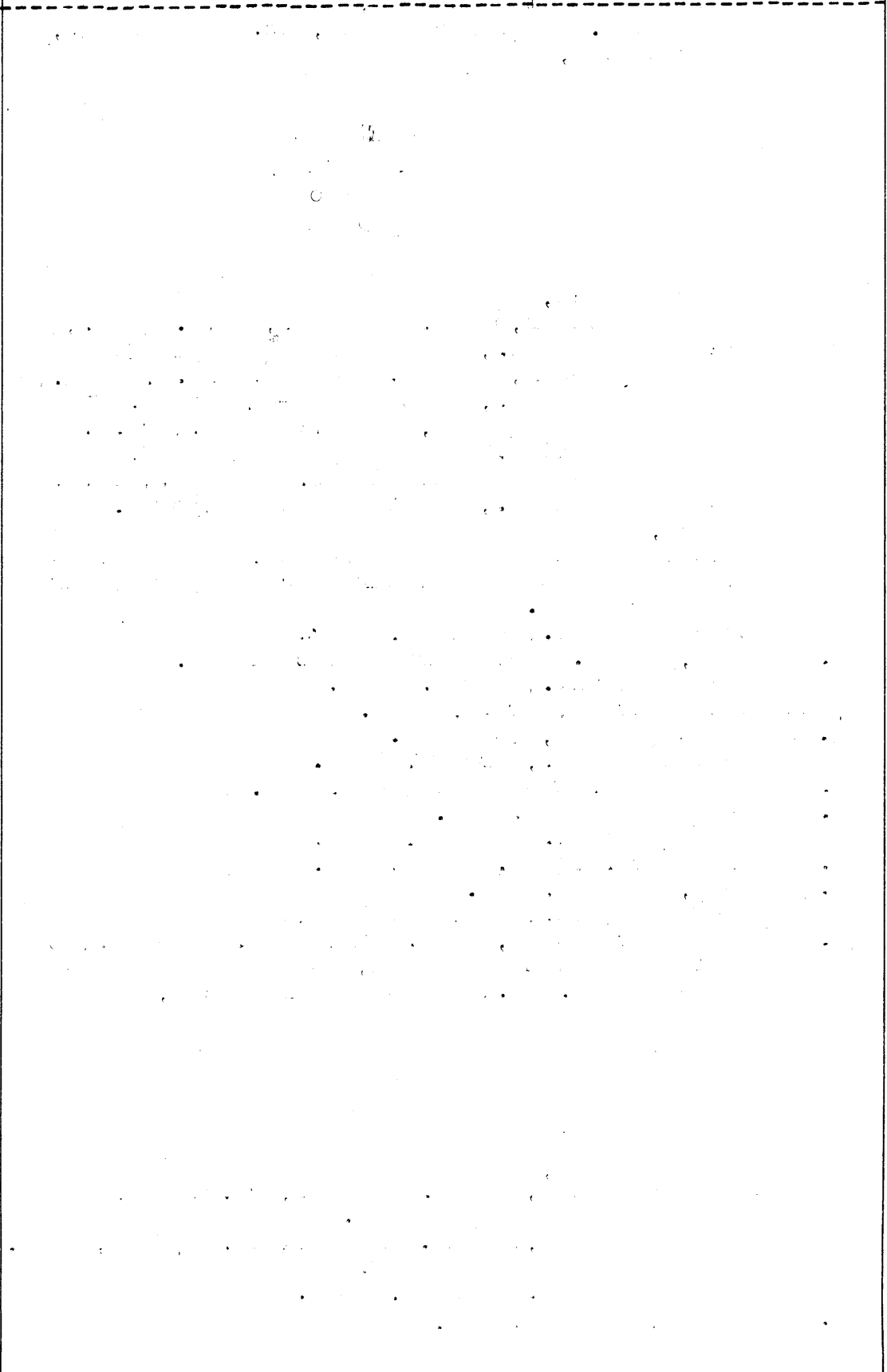
- A juniper, 14 ins. in diam., brs. N. 19 $\frac{1}{2}$ ° E., 45 lks. dist., marked WC $\frac{1}{4}$ S 31 BT.
 A juniper, 12 ins. in diam., brs. S. 4 $\frac{1}{4}$ ° E., 104 lks. dist., marked WC $\frac{1}{4}$ S 6 BT.
 40.00 North, 1 lk. from the secant. The true point for $\frac{1}{4}$ sec. cor. falls in wash, 20 lks. wide, in bottom of ravine, course NW., where a cor. monument would be liable to destruction. Therefore, establish witness cor. at a point 0.23 chs. E., as described above.
 Ascend 70 ft., over NE. slope.
 40.50 Trail brs. NW. and SE.
 43.80 Point of spur, slopes N.
 Descend 86 ft., over W. slope.
 47.68 Wash, 10 lks. wide, in gulch, course N.
 Ascend 218 ft., over E. slope.

BOOK 2080

South boundary of Township 2 South, Range 29 East.

Chains.

- 56.34 point of spur, slopes NE,
Descend 374 ft., over NW.slope.
- 73.80 Wash, 20 lks.wide, in gulch, course N.
Ascend 16 ft., over E.slope.
- 75.63 Low narrow spur, slopes N.
Descend 14 ft over W.slope.
- 76.61 Gully, course N.
Ascend 18 ft., over E.slope.
- 78.59 Low narrow spur, slopes N.
Descend 10 ft., over W.slope, to
- 80.81 North 3 lks. from the secant. The cor. of Ts. 2 and 3 S.,
Rs. 28 and 29 E., established as hereinafter described,
due South of the cor. of Ts. 1 and 2 S., Rs. 28 and 29 E.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine, juniper and cedar.
Undergrowth, dense scrub oak, ironwood, locust and cacti.



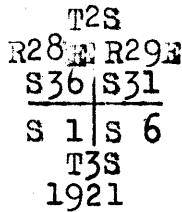
10 Survey of the West boundary of Township 2 South Range 29 East. Chains.

The cor. of Ts. 1 and 2 S., Rs. 28 and 29 E. established by William B. Kimmel, U.S.S. in 1914, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees, as follows:

- A juniper, 8 ins. in diam., N. 24° E., 42 lks. dist.
- An oak, 6 ins. in diam., S. 29° E., 15 lks. dist.
- An oak, 6 ins. in diam., S. 26° W., 10 lks. dist.
- A juniper limb, 8 ins. in diam., N. 41° W., 17 lks. dist.

Thence, South, on a random line, setting temp. 1/4 sec. and sec. cors. alternately at intervals of 40.00 chs.; and at 480.13 chs., intersect the South bdy. of T. 2 S., R. 29 E. at a point 80.81 chs. West of the cor. of secs. 5, 6, 31 and 32, hereinafter described.

At the point of intersection, Set an iron post, 3 ft. long, 3 ins. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for cor. of Ts. 2 and 3 S., Rs. 28 and 29 E., marked on brass cap,



from which,

- A cedar, 8 ins. in diam., brs. N. 84 1/2° E., 42 lks. dist., marked T2S R29E S31 BT.
- A cedar, 10 ins. in diam., brs. S. 69 1/2° E., 50 lks. dist., marked T3S R29E S 6 BT.
- A yellow pine, 10 ins. in diam., brs. S. 46 1/4° W., 37 lks. dist., marked T3S R28E S1 BT.
- A yellow pine, 12 ins. in diam., brs. N. 29° W., 35 lks. dist., marked T2S R28E S36 BT.

Thence, North, on a true line, bet. secs. 31 and 36. Over mountainous land, thru. scattering timber and dense undergrowth.

- 6.02 Descend 77 ft., over NW. slope.
- Wash, 30 lks. wide, in ravine, course W.
- Ascend 238 ft., over S. slope.
- 7.68 Cattle trail, brs. E. and W.
- 16.35 Point of spur, slopes SW.
- Descend 60 ft., over NW. slope.
- 20.23 Spring brs. West about 5 chs. dist. in bottom of gulch.
- 20.97 Gulch, course S. 50° W.
- Ascend 135 ft., over SE. slope.
- 23.13 Trail brs. N. 45° E. and S. 45° W.
- 28.44 Spur, slopes S. 50° W.
- Descend 35 ft., over NW. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, supported by a mound of stone for 1/4 sec. cor., marked on brass cap,



from which,

- A pine, 8 ins. in diam., brs. S. 66° E., 88 lks. dist., marked 1/4 S 31 BT.
- A pine, 10 ins. in diam., brs. S. 77° W., 9 lks. dist., marked 1/4 S 36 BT.

- Descend 110 ft., over NW. slope.
- 47.91 Ravine, course S. 55° W.

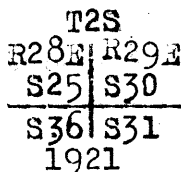
BOOK 11

West boundary of Township 2 South, Range 29 East.

11

Chains.

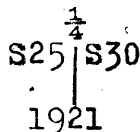
- 64.93 Ascend 145 ft., over SW. slope, to Ravine, course S. 45°W.
- 77.81 Ascend 135 ft., over SW. slope, to Ravine, course S. 30°W.
- 80.00 Ascend 41 ft., over SE. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 25, 30, 31 and 36, marked on brass cap



from which,

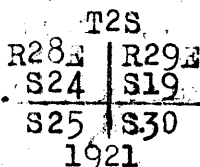
- A white oak, 4 ins. in diam., brs. S. 52½° E., 22 lks. dist., marked T. 13T.
- A white oak, 4 ins. in dial., brs. S. 22½° W., 14 lks. dist., marked T. 13T.
- No other trees within limits. Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
- Land, mountainous.
- Soil, rocky, 3rd rate.
- Timber, scattering pine, cypress, cedar and juniper.
- Undergrowth, dense scrub oak, ironwood, lotus and cacti.
- Pampas and bunch grass.

- 21.04 North, on a true line, bet. secs. 25 and 30. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 426 ft., over SE. slope, to Spur, slopes S. 40°W.
- 38.61 Ascend 567 ft. over W. and SW. slopes, to Top of cliffs, 200 ft. high, bearing NW. and SE. facing S.
- 40.00 Ascend 45 ft., over S. slope, to Ridge, brs. N. 75°W. and E. Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap,



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

- 56.15 The top of Grey Peak brs. E. about 10 chs. dist. Descend 675 ft., over N. slope, to Head of canyon, course N.
- 64.10 Descend 193 ft. along bottom of canyon to Leave bottom of canyon, course N. 20° E. from S.
- 67.19 Descend 170 ft., over NE. slope to sec. cor. A pine, 10 ins. in diam., on line. Mark 2 notches on each of N. and S. faces of same.
- 73.52 A juniper tree, 6 ft. in diam., brs. West 10 lks. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



from which,

12 West boundary of Township 2 South Range 29 East.

Chains.

- A juniper, 4 ins. in diam., brs. N. 32 $\frac{1}{2}$ ° E., 97 lks. dist., marked T2S R29E S19 BT.
- A juniper, 8 ins. in diam., brs. S. 60 $\frac{1}{2}$ ° E., 66 lks. dist., marked T2S R29E S30 BT.
- A juniper, 10 ins. in diam., brs. S. 65 $\frac{1}{2}$ ° W., 71 lks. dist., marked T2S R28E S25 BT.
- A juniper, 5 ins. in diam., brs. N. 75 $\frac{1}{2}$ ° W., 31 lks. dist., marked T2S R28E S24 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, cedar, cypress and juniper.
 Undergrowth, dense scrub oak, ironwood, lotus and cacti.
 Pampas and gramma grasses.

North, on true line, bet. secs. 19 and 24.
 Over mountainous land, thru. scattering timber and dense undergrowth.

- 13.56 Descend 200 ft., over NE. slope, to Enter wash in bottom of canyon, course N. from S. 15° E.
- 16.35 Descend 25 ft. in wash, to Stream of water, 1 ft. wide, 2 ins. deep, course N. 45° W.
- 26.51 Leave wash and bottom of canyon, course N. 45° W. from S, Ascend 50 ft., over SW. slope. Spur, slopes W. from SE. Descend 61 ft., over NW. slope.
- 31.42 Gulch, course W.
- 40.00 Ascend 150 ft. over SW. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S24 S19
 1921

- from which,
- A white oak, 5 ins. in diam., brs. N. 85 $\frac{1}{2}$ ° E., 38 lks. dist., marked $\frac{1}{4}$ S19 BT.
 - A white oak, 6 ins. in diam., brs. N. 80 $\frac{1}{2}$ ° W., 56 lks. dist., marked $\frac{1}{2}$ S 24 BT.

- 54.50 Ascend 157 ft., over SW. slope. High saddle between peaks. Peaks bear N. 45° W. and S. 45° E.
- 70.00 Descend 195 ft., over NE. slope. Head of gulch, course E.
- 80.00 Ascend 40 ft. over SE. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, supported by a mound of stone for cor. of secs. 13, 18, 19 and 24., marked on brass cap,

T2S
 R28E R29E
 S13 S18
 S24 S19
 1921

- from which,
- A juniper, 18 ins. in diam., brs. N. 63° E., 122 lks. dist., marked T2S R29E S18 BT.
 - A white oak, 8 ins. in diam., brs. S. 58 $\frac{1}{2}$ ° E., 86 lks. dist., marked T2S R29E S19 BT.
 - A cedar, 4 ins. in diam., brs. S. 37 $\frac{1}{2}$ ° W., 23 lks. dist., marked BT.
 - An oak, 10 ins. in diam., brs. N. 39 $\frac{1}{2}$ ° W., 110 lks. dist., marked T2S R28E S13 BT.

Land, mountainous.
 Soil, rocky, 4th rate.

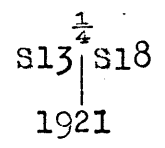
West boundary of Township 2 South, Range 29 East, 13

Chains.

Timber, scattering pine, cedar, cypress and juniper. Undergrowth, dense scrub oak, ironwood, lotus and cacti. Pampas and grama grass.

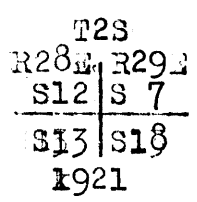
North, on true line, bet. secs. 13 and 18. Over mountainous land, thru. scattering timber and dense undergrowth,

- 1.70 Ascend 10 ft. over SE. slope.
- Top of knoll on long spur, sloping N. 20° E.
- 40.00 Descend 420 ft. over NW. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for 1/4 sec. cor., marked on brass cap,



- from which,
- An oak, 10 ins. in diam., brs. S. 48 1/4° E., 72 lks. dist., marked 1/4 S 18 BT.
- A cherry, 8 ins. in diam., brs. N. 62 3/4° W., 26 lks. dist., marked 1/4 S 13 BT.

- This cor. falls in head of canyon, course N. 25° W.
- 63.15 Ascend 120 ft. over SW. slope. Spur, slopes N. 45° W.
- 80.00 Descend 270 ft., over NE. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



- from which,
- A juniper, 10 ins. in diam., brs. N. 32 1/4° E., 63 lks. dist., marked T2S R29E S7 BT.
- A juniper, 18 ins. in diam., brs. S. 77 1/4° E., 90 lks. dist., marked T2S R29E S18 BT.
- A juniper, 30 ins. in diam., brs. S. 65 1/2° W., 71 lks. dist., marked T2S R28E S13 BT.
- A pine, 10 ins. in diam., brs. N. 42 1/2° W., 96 lks. dist., marked T2S R28E S12 BT.

Land, mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, pine, oak and cherry. Undergrowth, dense scrub oak, lotus, ironwood and cacti.

North, on true line, bet. secs. 7 and 12. Over mountainous land, thru. scattering timber and dense undergrowth.

- 4.86 Descend 97 ft., over NE. slope. Wash, 30 lks. wide, in canyon, course N. 45° W.
- 16.65 Ascend 225 ft., over SW. slope. A juniper, 14 ins. in diam., on line. Mark 2 notches on each of N. and S. faces of same.
- 17.57 Spur, slopes N. 45° W. Descend 251 ft., over NE. slope.
- 19.75 Pack trail, 6 ft. wide, brs. N. 50° W. to Ranger Station on Eagle Creek and S 50° E. to main road to Clifton.

14 West boundary of Township 2 South, Range 29 East.

Chains.

- 32.45 Ravine, course N.45°W.
Ascend 85 ft., over SW. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
the ground, to bed rock, supported by a mound of stone,
for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ S12 | S 7 \\ 1921 \end{array}$$

from which,

- A juniper, 8 ins. in diam., brs. N. 21 $\frac{1}{2}$ ° E., 37
lks. dist.; marked $\frac{1}{4}$ S 7 BT.
A white oak, 4 ins. in diam., brs. N. 40 $\frac{1}{2}$ ° W., 83
lks. dist., marked $\frac{1}{4}$ S 7 BT.
Ascend 20 ft. over SW. slope.
45.47 Spur, slopes N. 45° W.
Descend 285 ft. over NE. slope to sec. cor.
66.75 Pack trail, brs. N. 30° W. and S. 30° E. Extends to N. O. Bar
ranch in sec. 6.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to bed rock, supported by a mound of stone,
for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

$$\begin{array}{c} T2S \\ R28E | R29E \\ S 1 | S 6 \\ \hline S12 | S 7 \\ 1921 \end{array}$$

and raise a mound of stone, 4 ft. base, 3 ft. high, W.
of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, cedar, cypress and juniper.

Undergrowth, dense scrub oak, ironwood, lotus and cacti.

Pampas and grama grasses.

North, on true line, bet. secs. 1 and 6.

Over mountainous land, thru. scattering timber and dense
undergrowth.

- Descend 230 ft., over NE. slope.
7.39 Canyon, course N. 45° W.
Ascend 50 ft., over SW. slope.
25.23 Spur, slopes N. 45° W.
Descend 92 ft., over N. slope.
35.13 Gully, course N. 60° W.
Ascend 12 ft., over W. slope, to
40.00 Head of gully, course N. 70° W.
Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ S 1 | S 6 \\ 1921 \end{array}$$

from which,

- A cedar, 6 ins. in diam., brs. S. 57 $\frac{1}{4}$ ° E., 82 lks.
dist., marked $\frac{1}{4}$ S 6 BT.
A juniper, 22 ins. in diam., brs. N. 40 $\frac{1}{2}$ ° W., 33 lks.
dist., marked $\frac{1}{4}$ S 1 BT.
Ascend 30 ft., over SW. slope.
54.05 Saddle in spur, sloping N. 50° W.
Descend 95 ft. over NE. slope to Smith Creek.
57.85 Pack trail, brs. N. 60° E. and S. 60° W. Extends easterly

West boundary of Township 2 South, Range 29 East. 15

Chains.
 58.37 to the N.O. Bar Ranch.
 Road, N.O. Bar ranch to Eagle Creek, brs. N. 60° E. and S. 60° W.
 59.05 From this point, N.O. Bar ranch house brs. East approximately 12 chs. dist.
 65.21 Four strand barb wire fence, brs. N. 40° E. and S. 40° W.
 67.39 Good trail, brs. N. 70° W. and S. 70° E. Gate and SW. cor. of wheat field bear S. 1 chain dist.
 68.92 Smith creek with stream of water 9 lks. wide, 8 ins. deep, in ravine, course N. 75° W.
 Ascend 130 ft. over SW. slope.
 75.67 Short spur, sloping N. 80° W. from SW. end of ridge. Descend 30 ft., over NW. slope, to
 80.13 Intersect the cor. of Ts. 1 and 2 S., Rs. 28 and 29 E., hereinbefore described.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering juniper and pine.
 Undergrowth, dense scrub oak, black brush, scrub cedar and cacti.
 Pampas grass.

Boundaries of Township 2 South, Range 29 East.
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	480.81				480.81
West boundary,	North,	480.13	480.13			
North boundary,	East,	480.00			480.00	
East boundary,	South,	480.00		480.00		
Convergency,					.48	
<u>Totals.</u>			480.13	480.00	480.48	480.81
			480.00			480.48
<u>Error in latitude.</u>			0.13			
<u>Error in departure,</u>					0.33	

16 Survey of Subdivision lines of Township 2 South, Range 29 East.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described, N. 0° 1' W., bet. secs. 35 and 36. Over rolling mesa, known as the Prieto Plateau, thru scattering timber and dense undergrowth. Descend 60 ft., over NE slope. Leave Prieto Plateau, brs. NW. and SE., continue over rolling land. Descend 40 ft. over NE slope, to Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

30.94

40.00

S35 | S36

1921

from which,

A juniper, 10 ins. in diam., brs. N. 7 $\frac{1}{4}$ ° E., 11 lks. dist., marked $\frac{1}{4}$ S 36 BT.

A yellow pine, 18 ins. in diam., brs. N. 41° W., 90 lks. dist., marked $\frac{1}{4}$ S 35 BT.

Descend 65 ft., over E. slope.

47.50

Trail, brs. NE. and SW.

48.00

Point of spur, sloping NE. Leave rolling, and enter mountainous land.

Descend 130 ft., over N slope.

53.50

Same trail, brs. NW. and SE.

54.45

Wash in gulch, course NE. Same trail, brs. NE. and SW.

Ascend 58 ft., over SE slope.

60.72

Point of spur, slopes E.

Descend 55 ft., over N slope.

65.46

Wash, 20 lks. wide, course E.

Ascend 105 ft., over S slope.

73.50

Point of spur, slopes E.

Descend 86 ft. over NE slope, to

78.50

Enter wash in bottom of H.L. canyon, course SE. Trail, brs. NW. and SE. Thence across bottom of canyon, to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T2S | R29E
S26 | S25

S35 | S36
1921

from which,

An oak, 18 ins. in diam., brs. N. 50° E., 80 lks. dist., marked T2S R29E S25 BT.

A pine, 8 ins. in diam., brs. S. 8 $\frac{1}{4}$ ° E., 17 lks. dist., marked T2S R29E S36 BT.

A pine, 6 ins. in diam., brs. S. 75° W., 2 lks. dist., marked T2S R29E S35 BT.

A yellow pine, 30 ins. in diam., brs. N. 17° W., 75 lks. dist., marked T2S R29E S26 BT.

Land, S. 48 chs. rolling; remainder, mountainous. Soil, rocky, 4th rate.

Timber, scattering oak, pine, juniper and cedar.

Undergrowth, dense scrub oak, ironwood and locust.

East, on a random line, bet. secs. 25 and 36.

40.00

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

80.14

Fall 9 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is an iron post, 3 ins. in

Subdivision lines of Township 2 South, Range 29 East. 17

Chains.

diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees as follows:

- An oak, 9 ins. diam., N. 67° E., 174 lks. dist.
- A juniper, 36 ins. in diam., S. 85° E., 120 lks. dist.
- An oak, 8 ins. in diam., S. 83½° W., 49 lks. dist.
- A juniper, 24 ins. in diam., N. 54½° W., 151 lks. dist.

Thence, S. 89° 56' W., on a true line, bet. secs. 25 and 36. Over mountainous land, thru. scattering timber and dense undergrowth.

- Descend 430 ft. over NW. slope.
- 21.57 Wash, 30 lks. wide, in canyon, course NW.
- Ascend 272 ft., over NE. slope.
- 37.15 Spur, slopes N.
- Descend 7 ft., over NW. slope, to
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 25
 S 36
 1921

from which,

- A juniper, 40 ins. in diam., brs. N. 76° W., 20 lks. dist., marked $\frac{1}{4}$ S 25 BT.
- An oak, 4 ins. in diam., brs. S. 62° W., 24 lks. dist., marked B T.

- Descend 275 ft., over NW. slope.
- 57.15 Wire fence brs. N. and S.
- 60.67 Wash, 250 lks. wide, in bottom of H.L. Canyon, course N. 20° E.
- Ascend 170 ft., over SE. slope.
- 71.82 Point of spur, slopes S.
- Descend 105 ft., over SW. slope, to
- 79.44 Enter wash, course SE. Thence across wash and bottom of H.L. Canyon, to
- 80.14 The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine, oak and juniper. Undergrowth, dense scrub oak, locust, ironwood and cacti.

N. 0° 1' W., bet. secs. 25 and 26. Over mountainous land, thru. scattering timber and dense undergrowth.

- Across wash, and bottom of H.L. Canyon
- 9.40 Leave wash and bottom of canyon, course SE.
- Ascend 250 ft., over SW. slope.
- 18.40 Wire fence, brs. NW. and SE.
- 20.60 Spur, slopes SE.
- Descend 131 ft., over NE. slope.
- 31.67 Wash, in gulch, course SE.
- Ascend 137 ft., over S. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 26 | S 25
 1921

from which,

- An oak, 14 ins. in diam., brs. S. 67½° E., 25 lks.

18 Subdivision lines of Township 2 South, Range 29 East.

Chains.

dist., marked $\frac{1}{2}$ S 25 BT.
 A juniper, 10 ins. in diam., brs. S. 43° W., 44
 lks. dist., marked $\frac{1}{2}$ S 26 BT.
 Ascend 10 ft., over S. slope.
 40.73 Trail, brs. E. and W.
 42.00 Ridge, brs. E. and W.
 Descend 256 ft., over N. slope,
 51.26 Wash, in gulch, 20 lks. wide, course E.
 Ascend 269 ft., over S. slope.
 62.90 Ridge, brs. E. and W.
 Descend 235 ft., over N. slope.
 63.00 Trail, brs. E. and W.
 73.04 Wash in gulch, 20 lks. wide, course E.
 Ascend 188 ft., over S. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 23, 24, 25 and 26, marked
 on brass cap,

T2S	R29
S23	S24
S26	S25

1921

from which,
 An oak, 6 ins. in diam., brs. N. 74° E., 27 lks.
 dist., marked T2S R29 S24 BT.
 An oak, 3 ins. in diam., brs. S. 37° E., 6 lks.
 dist., marked B T.
 An oak, 6 ins. in diam., brs. S. 53° W., 7 lks.
 dist., marked T2S R29 S26 BT.
 An oak, 4 ins. in diam., brs. N. 41½° W., 26 lks.
 dist., marked B T. R29 S23 BT.

Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, ironwood and
 cacti.
 Fair grass.

40.00 N. 89° 56' E., on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Fall 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, on
 the E. bdy. of Tp., which is an iron post, 3 ins. in
 diam., projecting 30 ins. above ground, firmly set in
 ground and mound of stone, properly marked on brass
 cap, and witnessed by four properly marked bearing
 trees as follows:

An oak, 6 ins. in diam., N. 2° E., 82 lks. dist.
 A juniper, 6 ins. in diam., S. 80° E., 21 lks. dist.
 An oak, 8 ins. in diam., S. 23¼° W., 30 lks. dist.
 A juniper, 10 ins. in diam., N. 47° W., 56 lks. dist.
 A juniper, 10 ins. in diam., N. 47° W., 56 lks. dist.

Thence,
 S. 89° 54' W., on a true line, bet. secs. 24 and 25.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.

16.05 Ascend 392 ft., over SE. slope.
 Spur, slopes NE.
 Descend 100 ft. over NW. and N. slopes to
 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 24
	S 25

1921

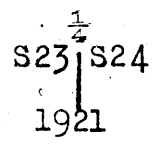
from which,
 An oak, 4 ins. in diam., brs. N. 40½° E., 27 lks.
 dist., marked BT.

Subdivision lines of Township 2 South, Range 29 East. 19

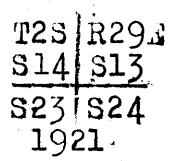
Chains.

54.00 A juniper, 24 ins. in diam., brs. S. 8° E., 90 lks.
 dist., marked $\frac{1}{4}$ S 25 BT.
 Ascend 30 ft., over N. slope.
 60.00 Descend 38 ft., over NW. slope.
 Wash, 20 lks. wide, course N. 80° E.
 80.04 Ascend 300 ft., over SE. and S. slopes, to
 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and white oak.
 Undergrowth, dense scrub oak, black locust, shumac and
 cacti.
 Fair grass.

 N. 0° 1' W., bet. secs. 23 and 24.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 6.00 Ascend 53 ft., over S. slope.
 Ridge, brs. E. and SW.
 23.37 Descend 391 ft., over N. slope.
 Wash, 10 lks. wide, in ravine, course E.
 36.12 Ascend 304 ft., over S. slope.
 Ridge, brs. E. and W. A spur ridge extends NE. from this
 point. Trail, brs. E. and W. At about 5 chs. W. ridge
 turns to SW.
 40.00 Descend 37 ft., over NW. slope, to
 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
 the ground to bed rock, supported by a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,
 A juniper, 18 ins. in diam., brs. S. 73 $\frac{1}{2}$ ° E., 110
 lks. dist., marked $\frac{1}{4}$ S 24 BT.
 A juniper, 6 ins. in diam., brs. N. 6° W., 102 lks.
 dist., marked $\frac{1}{4}$ S 23 BT.
 42.00 Descend 615 ft., over NW. slope.
 Same trail, brs. N. and S. about 1 ch. W. of line.
 76.52 Dry bed of Rigeon Creek, 100 lks. wide in ravine, course
 NE.
 80.00 Ascend 102 ft. over SE. slope, to
 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for cor. of secs. 13, 14, 23 and 24, marked
 on brass cap,



from which,
 A pine, 8 ins. in diam., brs. N. 31° E., 114 lks.
 dist., marked T2S R29E S13 BT.
 A pine, 6 ins. in diam., brs. S. 72 $\frac{1}{2}$ ° E., 9 lks.
 dist., marked T2S R29E S24 BT.
 A pine, 11 ins. in diam., brs. S. 58 $\frac{1}{2}$ ° W., 149 lks.
 dist., marked T2S R29E S23 BT.
 A pine, 10 ins. in diam., brs. N. 8° W., 103 lks.
 dist., marked T2S R29E S14 BT.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper, cottonwood, sycamore
 and oak.
 Undergrowth, dense scrub oak, locust and cacti.

20 Subdivision lines of Township 2 South, Range 29 East.

Chains.

40.00 N. 89° 54' E., on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 26 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor., and two properly marked bearing trees as follows:

A pine, 8 ins. in diam., S. 86 $\frac{1}{2}$ ° E., 221 lks. dist.
 A pine, 10 ins. in diam., S. 68 $\frac{1}{2}$ ° W., 202 lks. dist.

Thence,
 N. 89° 55' W., on a true line, bet. secs. 13 and 24.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 378 ft., over SE. slope.
 14.14 Ridge, brs. NE. and SW.
 Descend 365 ft., over NW. slope.
 34.37 Wash in gulch, course N. 35° E.
 Ascend 180 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long; 1 in. in diam., on bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 13
 S 24
 1921

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 265 ft., over SE. slope, to
 52.40 Short spur, slopes N. 60° E. Thence along N. slope of same.
 Ascend 14 ft. to
 60.22 Ridge, brs. N. 30° E. and S. 30° W.
 Descend 500 ft., over NW. slope.
 75.80 Dry bed of Pigeon Creek, 100 lks. wide in ravine, course N. 30° E.
 Ascend 110 ft., over SE. slope, to
 80.00 The cor. of secs. 13, 14, 23 and 24.
 Land, mountainous.
 Soil, rocky, 4th rate. Timber, scattering pine, juniper & oak.
 Undergrowth, dense scrub oak, locust & cactus. Fair grass.

N. 0° 1' W., bet. secs. 13 and 14.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 43 ft., over SE. slope.
 10.48 Spur, slopes NE. Trail, brs. NE. and SW.
 Descend 138 ft., over NW. slope.
 15.50 Wash in gulch, course N. 75° E.
 Ascend 125 ft., over SE. slope.
 24.24 East end of ridge, bearing E. and W.
 Descend 50 ft., over NE. and E. slopes, to
 33.71 Point of spur, sloping NE.
 Descend 83 ft., over N. slope.
 38.90 Wash, 10 lks. wide, in gulch, course E.
 Ascend 18 ft., over S. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 14 | S 13
 1921

from which,
 A pine, 8 ins. in diam., brs. S. 86 $\frac{1}{2}$ ° E., 62 lks. dist., marked $\frac{1}{4}$ S 13 BT.
 A pine, 10 ins. in diam., brs. S. 23° W., 25 lks. dist., marked $\frac{1}{4}$ S 14 BT.

Subdivision lines of Township 2 South, Range 29 East. 21

- From this cor., Cor. No. 3 of H.E.S. No. 483 (Gatlin Ranch) brs. N. 12° 39' E., 5.84 chs. dist. This tie obtained by Quintin Campbell, U.S.S., March 20, 1922.
- Ascend 52 ft. over S. slope.
- 44.35 Spur, slopes E.
- Descend 55 ft., over N. slope.
- 47.39 Wash, 10 lks. wide, in gulch, course N. 80° E.
- Ascend 50 ft., over S. slope.
- 51.00 Spur, slopes E.
- Descend 130 ft., over N. slope.
- 53.34 Med. Gatlin's ranch house, brs. East about 20 chs. dist.
- 58.00 Wash, 20 lks. wide in gulch, course E.
- Ascend 180 ft., over S. slope.
- 70.71 Ridge, brs. E. and W.
- Descend 55 ft. over NE. slope to sec. cor.
- 77.40 Trail, brs. N. 25° W. and S. 25° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T2S	R29E
S11	S12
S14	S13

1921

from which,

- A pine, 3 ins. in diam., brs. N. 12½° E., 9 lks. dist., marked BT.
- A pine, 8 ins. in diam., brs. S. 68° E., 132 lks. dist., marked T2S R29E S13 BT.
- A pine, 5 ins. in diam., brs. S. 66½° W., 141 lks. dist., marked T2S R29E S14 BT.
- A pine, 12 ins. in diam., brs. N. 64° W., 81 lks. dist., marked T2S R29E S11 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak, locust and cacti.

Fair grass.

- 40.00 S. 89° 55' E., on a random line, bet. secs. 12 and 13.
- 79.96 Set temp. ¼ sec. cor.
- Fall 16 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., which is an iron post, 3 ins. in diam., projecting 24 ins. above ground firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by mound of stone, W. of cor., and two properly marked bearing trees as follows:
 - A pine, 8 ins. in diam., S. 49° E., 126 lks. dist.,
 - A cedar limb, 6 ins. in diam., S. 15½° W., 88 lks. dist.
- Thence,
- S. 89° 58' W., on a true line, bet. secs. 12 and 13.
- Over mountainous land, thru. scattering timber and dense undergrowth.
- Ascend 32 ft. over NE. slope.
- 4.96 NE. end of ridge, bearing NE. and SW.
- Descend 25 ft., over NW. slope.
- 20.95 Gulch, 15 lks. wide, 10 ft. deep, course NE.
- Ascend 50 ft., over SE. slope.
- 27.25 Spur, slopes NE.
- Descend 88 ft., over NW. slope.
- 31.65 Center of dry bed of Pigeon Creek, 1.50 chs. wide in ravine, course NE.
- Ascend 108 ft., over SE. slope.
- 38.70 Wire fence, brs. N. and S.
- 39.98 Spur, slopes NE. Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, to bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap,

22 Subdivision lines of Township 2 South, Range 29 East.

Chains.

$$\frac{1}{4} \text{ S } 12$$

$$\frac{1}{4} \text{ S } 13$$
 1921

from which,

A juniper, 10 ins. in diam., brs. N. $68\frac{1}{2}^{\circ}$ W., 13 lks.
dist., marked $\frac{1}{4}$ S 12 BT.A pine, 6 ins. in diam., brs. S. 10° W., 31 lks.
dist., marked $\frac{1}{4}$ S 13 BT.From this cor., Cor. No. 4 of H.E.S. No. 488 (Catlin Ranch)
brs. N. $79^{\circ} 37'$ W., 4.00 chs. dist. This tie obtained by
Quintin Campbell, U.S.S. March 20, 1922.

Thence along rolling N. slope.

Descend 40 ft.

50.00 Ascend 24 ft.

56.00 Descend 30 ft., over W. slope.

56.95 Wash, course N.

Ascend 107 ft., over NE. slope.

61.95 Trail, brs. N. and S.

69.96 Point of spur, slopes N.

Descend 39 ft. over NW. slope.

71.25 Wire fence, brs. N. and S.

73.15 Wash, course NE. near head.

Ascend 98 ft., over NE. slope, to

79.96 The cor. of secs. 11, 12, 13 and 14.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak, locust, catclaw and cacti.

Retracement of bdy. of H.E.S. No. 488 (Gatlin Ranch)
in secs. 12 and 13, T.2 S. R. 29 E.

BOOK 3589
23

Chains.

- Cor. No. 4 of H.E.S. No. 488 is a sandstone, 24x10x8 ins. above ground, firmly set, marked 4-HES 488, from which
A juniper tree, 10 ins. in diam., brs. N. 68° 10' E.
10 lks. dist., marked 4-HES 488 BT.
This cor. is in sec. 12, T.2 S., R. 29 E. at 4.00 chs. N. 79° 37' W. from the $\frac{1}{4}$ sec. cor. of secs. 12 and 13.
Thence,
S. 45° 35' E., on a random line, along line 4-1 of the bdy. of HES No. 488, in secs. 12 and 13.
- 12.55 Fall 4 lks. N. 44° 25' E. of cor. No. 1, which is a basalt stone 24x8x6 ins. above ground, firmly set, marked 1-HES 488, from which,
A pine, 6 ins. in diam., brs. S. 4° 50' W., 24 lks. dist., marked 1-HES 488 BT.
A pine, 6 ins. in diam., brs. S. 53° 30' E., 26 lks. dist., marked 1-HES 488 BT.
The true course and distance of line 4-1 of boundary of H.E.S. No. 488 are therefore S. 45° 24' E., 12.55 chs.
Thence,
S. 45° 50' W., on a random line, along line 1-2 of the bdy. of H.E.S. No. 488 in sec. 13.
- 48.64 Fall 1.33 chs. N. 44° 10' W., of cor. No. 2, which is a lava stone, 24x8x7 ins. above ground firmly set, marked 2-HES 488, from which
A juniper, 6 ins. in diam., brs. S. 11° E., 32 lks. dist., marked 2-HES 488 BT.
An oak, 10 ins. in diam., brs. S. 68° W., 29 lks. dist., marked 2-HES 488 BT.
A pine, 18 ins. in diam., brs. N. 70° E., 12 lks. dist., marked 2-HES 488 BT.
The true course and distance of line 1-2 of the bdy. of H.E.S. No. 488 are therefore S. 44° 16' W., 48.66 chs.
Thence,
N. 47° 18' W., on a random line, along line 2-3 of the bdy. of H.E.S. No. 488 in sec. 13.
- 12.80 Fall 0.19 chs. N. 42° 42' E. of cor. No. 3, which is a sandstone 24x8x6 ins. above ground, firmly set, marked 3-HES 488, from which
A tree brs. N. 49° 40' E., 74 lks. dist., marked 3-HES 488 BT.
This cor. is in sec. 13 at 5.84 chs. N. 12° 39' E. from the $\frac{1}{4}$ sec. cor. of secs. 13 and 14.
The true course and distance of line 2-3 of boundary of H.E.S. No. 488 are therefore N. 48° 9' W., 12.80 chs.
Thence,
N. 46° 12' E. on a random line, along line 3-4 of the bdy. of H.E.S. No. 488 in secs. 13 and 12.
- 49.31 Fall 1.49 chs. S. 43° 48' E. of cor. No. 4, in sec. 12, hereinbefore described.
The true course and distance of line 3-4 of boundary of H.E.S. No. 488 are therefore N. 44° 28' E. 49.33 chs.

24 Subdivision lines of T. 2 South, Range 29 East

Chains.

N. 0° 1' W., bet. secs. 11 and 12.
 Over mountainous land, thru scattering timber and dense undergrowth.
 Descend 20 ft. over NE. slope.
 3.13 Wash, 15 lks. wide, course E.
 Ascend 43 ft. over S. slope.
 5.00 Spur, slopes E.
 Descend 120 ft., over N. slope.
 17.46 Juan Miller Creek, 10 lks. wide, containing small stream of clear water, course E.
 Ascend 220 ft. over S. slope.
 29.50 Spur, slopes E.
 Descend 67 ft., over N. slope.
 36.89 Wash, in ravine, course E.
 Ascend 50 ft., over S. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S11 | S12
 1921

from which,

- A juniper, 11 ins. in diam., brs. S. 11 $\frac{1}{2}$ ° E., 77 lks. dist., marked $\frac{1}{4}$ S 12 BT.
- A juniper, 12 ins. in diam., brs. S. 17 $\frac{1}{2}$ ° W., 83 lks. dist., marked $\frac{1}{4}$ S 11 BT.

Ascend 146 ft., over SW. slope.
 51.08 Spur, slopes SE.
 Descend 88 ft., over NE. slope.
 63.29 Wash, 20 lks. wide, in ravine, course SE.
 Ascend 550 ft., over SW. and S. slopes to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 1, 2, 11 and 12, marked on brass cap,

T2S | R29E
 S 2 | S 1
 S11 | S12
 1921

from which,

- A pine, 8 ins. in diam., brs. N. 52° E., 70 lks. dist., marked T2S R29E S1 BT.
- A pine, 8 ins. in diam., brs. S. 56° E., 47 lks. dist., marked T2S R29E S12 BT.
- A juniper, 6 ins. in diam., brs. S. 38° W., 81 lks. dist., marked T2S R29E S11 BT.
- A pine, 6 ins. in diam., brs. N. 9 $\frac{1}{2}$ ° W., 50 lks. dist., marked T2S R29E S2 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak, locust, ironwood and cacti.

 N. 89° 58' E., on a random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Fall 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., which is an iron post, 3 ins. in diam., projecting 16 ins. above ground, firmly set in ground, and mound of stone, properly marked on brass cap, and witnessed by a mound of stone, W. of cor., and two properly marked bearing trees as follows:
 A cedar limb, 6 ins. in diam., N. 85 $\frac{1}{2}$ ° E., 106 lks. dist.
 A cedar limb, 6 ins. in diam., S. 5 $\frac{1}{2}$ ° W., 127 lks. dist.
 Thence,

Subdivision lines of Township 2 South, Range 29 East. 25

Chains.

- S. 89° 57' W., on a true line, bet. secs. 1 and 12.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 44 ft., over SE. slope.
4.45 Point of spur, slopes S.
Descend 368 ft. over SW. slope, to
18.25 Gulch, course S. into Cow Creek.
Ascend 15 ft. over SE. slope.
19.70 Point of spur, slopes S.
Descend 64 ft., over SW. slope.
24.50 Center of dry bed of Cow Creek, 100 lks. wide, in bottom of canyon, course SE.
Ascend 525 ft., over E. slope, to
40.01 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,
- $\frac{1}{4}$ $\frac{S}{S}$ $\frac{1}{12}$
1921
- from which,
A pine, 8 ins. in diam., brs. N. 53° E., 64 lks. dist., marked $\frac{1}{4}$ S 1 BT.
A pine, 6 ins. in diam., brs. S. 79° E., 22 lks. dist., marked $\frac{1}{4}$ S 12 BT.
Ascend 340 ft., over SE. slope, to
51.20 Spur, slopes NE.
Ascend 10 ft., over N. and NE. slopes, to
57.40 Ridge, brs. N. 75° W. and S. 75° E.
Descend 105 ft. over SW. slope.
71.30 Ascend 52 ft., over SE. slope.
78.75 Descend 22 ft., over S. slope, to
80.02 The cor. of secs. 1, 2, 11 and 12.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine, juniper and oak.
Undergrowth, dense scrub oak, locust, catalaw and cacti.
-
- N. 0° 1' W., on a random line, bet. secs. 1 and 2.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.18 Fall 18 lks. E. of the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees as follows:
A pine, 7 ins. in diam., N. 9° E., 43 lks. dist.
A juniper, 10 ins. in diam., S. 46 $\frac{1}{2}$ ° E., 53 lks. dist.
A juniper, 10 ins. in diam., S. 42° W., 7 lks. dist.
A pine, 6 ins. in diam., N. 31 $\frac{1}{2}$ ° W., 62 lks. dist.
Thence,
S. 0° 9' E., on a true line, bet. secs. 1 and 2.
Over level land on mesa, thru. scattering timber and dense undergrowth.
7.30 Leave level, and enter gently rolling land, continuing over mesa.
Ascend 36 ft., over NE. slope, to
17.35 Thence over level land, to
27.30 North rim of Cow Canyon, brs. E. and W. Leave level surface on mesa, and enter mountainous land.
Descend 413 ft., over S. slope, to
40.18 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap.

26 Subdivision lines of Township 2 South, Range 29 East.

Chains.

S 2 $\frac{1}{4}$ S 1

1921

from which,

A pine, 10 ins. in diam., brs. S. 86° E., 80 lks. dist., marked $\frac{1}{4}$ S 1 BT.A pine, 10 ins. in diam., brs. S. 49 $\frac{1}{2}$ ° W., 82 lks. dist., marked $\frac{1}{4}$ S 2 BT.

- 49.44 Descend 245 ft., over S. slope.
Dry bed of Cow Creek, 80 lks. wide, course E. in bottom of Cow Canyon. Spring brs. W. 1 ch. dist.
- 75.81 Ascend 677 ft., over N. slope.
Ridge, brs. E. and W.
- 80.18 Descend 87 ft. over S. slope, to
The cor. of secs. 1, 2, 11 and 12.
Land, N. 27 $\frac{1}{2}$ ° chs. level and gently rolling; remainder, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine, juniper and oak.
Undergrowth, dense scrub oak, locust, ironwood and cacti.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described,

N. 0° 1' W., bet. secs. 34 and 35.

Over mountainous land, thru. scattering timber and dense undergrowth.

- 5.00 Ascend 53 ft., over SW. slope, to
Gully, course SW.
- 21.70 Ascend 470 ft., over SW. slope.
Rim of Prieto Plateau, brs. NW. and SE. Leave mountainous, and enter nearly level land on Prieto Plateau, near W. end of same.
- 37.80 Descend 25 ft., over NE. slope to $\frac{1}{4}$ sec. cor.
Wire fence, brs. E. and W.
- 40.00 Rim of Prieto Plateau, brs. E. and W. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 34 $\frac{1}{4}$ S 35

1921

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

Leave nearly level land on Prieto Plateau, and enter mountainous land.

- 46.67 Descend 130 ft., over N. slope.
Gulch, course E.
- 62.69 Ascend 153 ft., over S. slope.
Long spur, slopes E.
- 73.83 Descend 170 ft., over N. slope.
Wash, 10 lks. wide, in gulch, course E.
- 77.35 Ascend 53 ft., over S. slope.
Spur, slopes E. Old road brs. NE. and SW.
- 79.00 Descend 25 ft., over N. slope.
Wash, 10 lks. wide, course E.
- 80.00 Ascend 5 ft., over S. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,

T2S R29E

S 27 S 26

S 34 S 35

1921

LOOK 8888

Subdivision lines of Township 2 South Range 29 East. 27

Chains.

from which,
 An oak, 8 ins. in diam., brs. N. 40° E., 21 lks. dist., marked T2S R29E S26 BT.
 An oak, 6 ins. in diam., brs. S. 65½° E., 46 lks. dist., marked T2S R29E S35 BT.
 An oak, 8 ins. in diam., brs. S. 55½° W., 23 lks. dist., marked T2S R29E S34 BT.
 A juniper, 30 ins. in diam., brs. N. 30° W., 133 lks. dist., marked T2S R29E S27 BT.

Land, S. 21.70 chs. and N. 40 chs., mountainous; remainder, nearly level.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper, oak and walnut.
 Undergrowth, dense scrub oak, black locust, catclaw, scrub cedar and cacti.
 Fair grass.

East, on a random line, bet. secs. 26 and 35.
 40.00 Set temp. ¼ sec. cor.
 80.06 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 25, 26, 35 and 36.
 Thence,
 N. 89° 56' W., on a true line, bet. secs. 26 and 35.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 9.30 Across wash and bottom of H.L. Canyon, course SE.
 Trail, brs. NW. and SE.
 2.00 Leave wash, and bottom of canyon.
 Ascend 168 ft. over NE. slope.
 12.20 Ridge, brs. N. 75° W. and S. 75° E.
 Ascend slightly over S. slope, to
 18.61 Descend 75 ft., over SW. slope.
 34.35 Wash, 20 lks. wide, course SE.
 Ascend 125 ft., over NE. slope, to
 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼ S 26
 S 35
 1921

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 60 ft. over NE. slope.
 44.40 Point of spur, slopes NE.
 Descend 60 ft., over NW. slope.
 62.50 Wire fence, brs. N. and S.
 63.60 Wash, course NE.
 Ascend 117 ft., over SE and S. slopes to sec. cor.
 75.00 Old road, brs. NE. and SW.
 80.06 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering juniper and pine.
 Undergrowth, dense scrub oak, locust, ironwood and cacti.

N. 0° 1' W., bet. secs. 26 and 27.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 90 ft., over S. slope.
 10.10 Wire fence, brs. E. and W.
 11.40 Spur, slopes E.
 Descend 70 ft., over NE. slope.
 19.52 Gully, course E.
 Ascend 28 ft., over SE. slope.
 25.86 Spur, slopes E.

28 Subdivision lines of Township 2 South, Range 29 East.

Chains.	
31.30	Descend 21 ft., over NE. slope. Draw, course E.
33.86	Ascend 35 ft., over S. slope. Old road, brs. NW. and SE.
36.32	Ridge, brs. E. and W.
40.00	Descend 17 ft., over N. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ S27 \quad S26 \\ \\ 1921 \end{array}$
	from which,
	A pine, 24 ins. in diam., brs. S. 64° E., 115 lks. dist., marked $\frac{1}{4}$ S 26 BT.
	A juniper, 24 ins. in diam., brs. S. $76\frac{1}{2}^{\circ}$ W., 105 lks. dist., marked $\frac{1}{4}$ S 27 BT.
41.00	Descend 76 ft., over N. slope. Old road, brs. NE. and SW.
44.35	Deserted log cabin brs. East about 1.50 chs. dist. Rock cabin, brs. E. about 5.00 chs. dist.
45.00	Wash, 30 lks. widen course E. Ascend 352 ft. over S. slope.
46.10	Spring, brs. E. about 2.00 chs. dist.
59.65	Wire fence, brs. E. and W.
59.91	Ridge, brs. N. 75° W. and S. 75° E.
69.83	Descend 179 ft., over NE. slope. Gulch, course E. near head.
80.00	Ascend 330 ft., over SE. slope. Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported by a mound of stone for cor. of secs. 22, 23, 26 and 27, marked on brass cap,
	$\begin{array}{c} T2S \quad R29E \\ \hline S22 \quad S23 \\ \hline S27 \quad S26 \\ 1921 \end{array}$
	from which,
	A juniper, 48 ins. in diam., brs. N. $42\frac{1}{2}^{\circ}$ E., 15 lks. dist., marked T2S R29E S23 BT.
	A pine, 10 ins. in diam., brs. S. 81° E., 113 lks. dist., marked T2S R29E S26 BT.
	A juniper, 12 ins. in diam., brs. S. 88° W., 241 lks. dist., marked T2S R29E S27 BT.
	A juniper, 24 ins. in diam., brs. N. 58° W., 150 lks. dist., marked T2S R29E S22 BT.
	Land, mountainous. Soil, rocky, 4th rate. Timber, scattering yellow pine, juniper, cedar, oak and walnut. Undergrowth, dense scrub oak, black locust and cacti. Fair grass.
40.00	S. $89^{\circ}56'$ E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line, 19 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence, S. $89^{\circ}56'$ W. on a true line, bet. secs. 23 and 26. Over mountainous land, thru. scattering timber and dense undergrowth.
9.87	Ascend 100 ft., over S. slope. Ridge, brs. NE. and SW.
25.47	Descend 238 ft., over NW. slope. Wash, 20 lks. wide, in ravine, course N. 30° E. Ascend 143 ft., over SE. slope.

Subdivision lines of Township 2 South, Range 29 East. 29

Chains.	
30.75	Ridge, brs. N. 30° E. and S. 30° W. Descend 217 ft., over NW. slope.
38.64	Wash, 20 lks. wide in ravine, course NE. Ascend 40 ft., over SE. slope, to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 23 S 26 1921
	from which, A yellow pine, 18 ins. in diam., brs. N. 79° E., 73 lks. dist., marked $\frac{1}{4}$ S 23 BT. A juniper, 10 ins. in diam., brs. S. 20° E., 55 lks. dist., marked $\frac{1}{4}$ S 26 B. T.
46.74	Ascend 142 ft., over E. slope. Point of spur, slopes SE. Descend 5 ft., over SW. slope.
48.04	Gully, 6 lks. wide, course SE. near head. Ascend 360 ft., over E. slope, to
59.06	Point of spur, slopes SE. Ascend 343 ft. over S. and SE. slopes, to
73.70	Spur, slopes S. Descend 18 ft., over SW. slope.
78.80	Head of gully, course S. 5° E. Ascend 18 ft., over SE. slope, to
79.96	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering yellow pine, juniper and walnut. Undergrowth, dense scrub oak, black locust, Spanish dagger and cacti. Fair grass.

	N. 0° 1' W., bet. secs. 22 and 23. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 322 ft., over SE. slope.
3.11	Ridge, brs. E. and SW. and trail, same bearing. Descend 736 ft., over N. slope.
27.81	Pigeon Creek, 50 lks. wide, containing small stream of clear water, course E. in canyon. Ascend 450 ft., over S. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 22 S 23 1921
	from which, A pine, 10 ins. in diam., brs. S. 74 $\frac{1}{2}$ ° E., 100 lks. dist., marked $\frac{1}{4}$ S 23 BT. A pine, 10 ins. in diam., brs. N. 8° W., 100 lks. dist., marked $\frac{1}{4}$ S 22 BT.
50.90	Ascend 450 ft., over SW. slope, to Spur, slopes SE.
58.27	Ascend 85 ft., over E. and SE. slopes, to Ridge, brs. E. and W.
59.82	Descend 43 ft., over N. slope, to Head of gulch, course NE.
70.60	Descend 255 ft. over E. slope, to Ascend 136 ft. over SE. slope.
74.04	Descend 18 ft., over E. slope,
79.00	Ascend 8 ft. over SE. slope, to

30 Subdivision lines of Township 2 South, Range 29 East.

Chains.									
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock supported by a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,								
	<table border="1"> <tr> <td>T2S</td> <td>R29E</td> </tr> <tr> <td>S15</td> <td>S14</td> </tr> <tr> <td>S22</td> <td>S23</td> </tr> <tr> <td colspan="2">1921</td> </tr> </table>	T2S	R29E	S15	S14	S22	S23	1921	
T2S	R29E								
S15	S14								
S22	S23								
1921									
	and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
	Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine, juniper and walnut. Undergrowth, dense scrub oak, black locust and cacti. Fair grass.								
40.00	N. 39° 56' E., on a random line, bet. secs. 14 and 23.								
	Set temp. $\frac{1}{4}$ sec. cor.								
79.78	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 13, 14, 23 and 24.								
	Thence, S. 89° 58' W., on a true line, bet. secs. 14 and 23.								
	Over mountainous land, thru. scattering timber and dense undergrowth.								
8.72	Ascend 247 ft., over SE. slope. Spur, slopes NE.								
19.00	Descend 158 ft., over NW. slope. Wash, 20 lks. wide, course N. 30° E.								
20.45	Ascend 30 ft., over E. slope, to Point of spur, slopes NE.								
21.50	Descend 10 ft., over NW. slope. Bend in wash, course NE. from NW.								
35.95	Ascend 320 ft., over NE. slope.								
39.20	Descend 60 ft., over NW. slope. Wash, 10 lks. wide, in gulch, course N.								
39.89	Ascend 15 ft., over NE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,								
	<table border="1"> <tr> <td>$\frac{1}{4}$ S 14</td> <td>...</td> </tr> <tr> <td>S 23</td> <td></td> </tr> <tr> <td colspan="2">1921</td> </tr> </table>	$\frac{1}{4}$ S 14	...	S 23		1921			
$\frac{1}{4}$ S 14	...								
S 23									
1921									
	and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.								
50.81	Ascend 200 ft., over NE. slope. Point of spur, slopes N.								
53.47	Descend 53 ft., over NW. slope. Wash, 10 lks. wide, in gulch, course NE.								
61.73	Ascend 217 ft., over SE. slope. Ridge, brs. NE. and SW.								
70.92	Descend 170 ft., over NW. slope. Gulch, course NE.								
79.78	Ascend 347 ft., over SE. slope, to The cor. of secs. 14, 15, 22 and 23.								
	Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine, juniper and oak. Undergrowth, dense scrub oak, black locust, ironwood and cacti.								
	N. 0° 1' W., bet. secs. 14 and 15.								
	Over mountainous land, thru. scattering timber and dense undergrowth.								
	Ascend 12 ft., over SE. slope.								

ECCY 3589

Subdivision lines of Township 2 South, Range 29 East. 31

Chains. 2.00 Spur, slopes NE.
 Descend 570 ft., over N. slope.
 18.15 Wash, 100 lks. wide, in bottom of canyon, course E.
 Ascend 485 ft., over S. slope.
 32.70 Spur, slopes N. 75° E.
 Descend 247 ft., over N. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, supported by a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,

S15	S14
-----	-----

1921

from which,

A pine, 10 ins. in diam., brs. N. 67 $\frac{1}{2}$ ° E., 76 lks.
 dist., marked $\frac{1}{4}$ S 14 BT.
 A pine, 10 ins. in diam., brs. N. 44 $\frac{1}{2}$ ° W., 190 lks.
 dist., marked $\frac{1}{4}$ S 15 BT.
 Descend 118 ft., over N. slope.
 41.70 Drift fence, brs. NE. and SW.
 43.58 Wash, 20 lks. wide, in gulch, course NE.
 Ascend 173 ft., over SE. slope.
 55.00 Spur, slopes NE.
 Descend 350 ft., over N. slope.
 66.42 Wash, 20 lks. wide, in ravine, course E.
 Ascend 334 ft., over S. slope.
 77.65 Ridge, brs. E. and W. Wire fence, brs. E. and W.
 Descend 55 ft., over N. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
 supported by a mound of stone, for cor. of secs. 10, 11, 14
 and 15, marked on brass cap,

T2S	R29E
-----	------

S10	S11
-----	-----

S15	S14
-----	-----

1921

from which,

A juniper, 8 ins. in diam., brs. N. 19° E., 48 lks.
 dist., marked T2S R29E S11 BT.
 A juniper, 12 ins. in diam., brs. S. 60 $\frac{1}{4}$ ° E., 137 lks.
 dist., marked T2S R29E S14 BT.
 A cross (x) on face of bed rock brs. S. 70° W., 12
 lks. dist.
 An oak, 4 ins. in diam., brs. N. 63 $\frac{1}{4}$ ° W., 57 lks.
 dist., marked B T.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, ironwood and
 cactus.
 Fair grass.

40.00 N. 89° 58' E., on a random line, bet. secs. 11 and 14.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.76 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 11,
 12, 13 and 14.
 Thence,
 N. 89° 58' W., on a true line, bet. secs. 11 and 14.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Ascend 127 ft., over NE. slope.
 0.80 Trail, brs. NW. and S1.
 6.20 Point of spur, slopes N.
 Descend 15 ft., over NW. slope.
 8.26 Gully, course NE.
 Ascend 573 ft., over SE. slope, to

32 Subdivision lines of Township 2 South Range 29 East

Chains.

- 27.28 Spur, slopes NE.
- Ascend 18 ft., over N. slope, to
- 32.30 Descend 23 ft., over N. slope, to
- 38.25 Ascend 5 ft., over NE. slope, to
- 39.88 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 11
 S 14
 1921

from which,

- A juniper, 6 ins. in diam., brs. N. 51 $\frac{1}{2}$ ° W., 72 lks. dist., marked $\frac{1}{4}$ S 11 BT.
 - A juniper, 12 ins. in diam., brs. S. 37 $\frac{1}{2}$ ° E., 138 lks. dist., marked $\frac{1}{4}$ S 14 BT.
 - Ascend 64 ft., over NE. slope.
 - 43.00 Ridge, brs. NW. and SE.
 - Descend 23 ft., over SW. slope.
 - 51.40 Ascend 10 ft., over SE. slope.
 - 53.72 Same ridge; brs. NE. and SW.
 - Descend 40 ft., over NW. slope.
 - 55.65 Wire fence, brs. NE. and SW.
 - 61.40 Thence over rolling N. slope to sec. cor.
 - Ascend 16 ft.
 - 63.68 Descend 128 ft.
 - 77.65 Ascend 41 ft., to
 - 79.76 The cor. of secs. 10, 11, 14 and 15.
- Land; mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak, locust, Spanish dagger and cacti.
 Fair grass.

N. 0° 1' W., bet. secs. 10 and 11.
 Over mountainous land, thru. scattering timber and dense undergrowth.

- Descend 366 ft., over N. slope.
- 9.36 Trail, brs. E. and W.
- 12.22 Juan Miller creek, containing small stream of clear water, course E.
- Ascend 447 ft., over SE. slope.
- 25.35 Point of spur, slopes E. and W.
- Descend 140 ft., over NE. slope.
- 33.76 Gulch, course SE.
- Ascend 183 ft., over S. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S10 | S11
 1921

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

- Ascend 392 ft., over S. slope, to
- 47.88 Top of cliff, 100 ft. high, brs. E. and W., facing S.
- Ascend 95 ft., over S. slope.
- 60.77 Ridge, brs. E. and W.
- Descend 332 ft. over N. slope.
- 76.84 Wash, 20 lks. wide, course E.
- Ascend 50 ft., over S. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

BOOK 3538

Subdivision lines of Township 2 South, Range 29 East. 33

Chains.

T2S	R29E
S 3	S 2
S10	S11

1921

from which,

- A juniper, 4 ins. in diam., brs. N. 29° E., 150 lks. dist., marked B T.
- A juniper, 24 ins. in diam., brs. S. 28° E., 10 lks. dist., marked T2S R29E S11 BT.
- A juniper, 8 ins. in diam., brs. S. 6° W., 53 lks. dist., marked T2S R29E S10 BT.
- A juniper, 12 ins. in diam., brs. N. 1° W., 13 lks. dist., marked T2S R29E S3 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak, locust and cacti.

- 40.00 S. 89° 58' E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.
- 79.82 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 1, 2, 11 and 12.
- Thence, S. 89° 58' W., on a true line, bet. secs. 2 and 11.
- Over mountainous land, thru. scattering timber and dense undergrowth.
- 20.50 Descend 106 ft., along S. slope.
- 25.50 Ascend 46 ft., over SE. slope.
- Ridge, brs. NE. and W. Thence along top of ridge.
- 34.90 Descend 49 ft.
- 39.91 Ascend 23 ft., to Saddle in same ridge. Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 2
	S 11

1921

from which,

- An oak, 6 ins. in diam., brs. N. 14 $\frac{1}{2}$ ° W., 40 lks. dist., marked $\frac{1}{4}$ S 2 BT.
- An oak, 12 ins. in diam., brs. S. 18° W., 70 lks. dist., marked $\frac{1}{4}$ S 11 BT.

- Leave top of ridge, brs. N. 80° W. and E.
- 51.00 Ascend 133 ft., over SE. slope.
- 52.52 Wire drift fence, brs. N. and S.
- Thence across S. slope, to sec. cor.
- 60.00 Descend 35 ft.
- 79.82 Ascend 152 ft., to The cor. of secs. 2, 3, 10 and 11.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, scattering oak, pine and juniper.
- Undergrowth, dense scrub oak, black brush, ironwood and cacti.
- Fair grass.

- 40.00 N. 0° 9' W., on a random line, bet. secs. 2 and 3. Set temp. $\frac{1}{4}$ sec. cor.
- 80.26 Fall 12 lks. E. of the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of Tp., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly

34 Subdivision lines of Township 2 South, Range 29 East.

Chains.

marked bearing trees, as follows:

- A pine, 6 ins. in diam., N. $81\frac{1}{2}^{\circ}$ E., 31 lks. dist.
 An oak, 7 ins. in diam., S. $12\frac{3}{4}^{\circ}$ E., 127 lks. dist.
 An oak, 8 ins. in diam., S. 19° W., 89 lks. dist.
 An oak, 6 ins. in diam., N. $67\frac{1}{2}^{\circ}$ W., 44 lks. dist.

Thence,

S. $0^{\circ}14'$ E., on a true line, bet. secs. 2 and 3.

Over mountainous land, thru. scattering timber and dense undergrowth.

Descend 300 ft., over SE. slope.

12.75 Wash, in bottom of Cow Gulch or canyon, course E.

Ascend 410 ft., over N. slope.

27.50 Ridge, brs. E. and W.

Descend 200 ft. over S. slope, to

40.26 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 3 \text{ | S } 2 \\ 1921 \end{array}$$

from which,

An oak, 10 ins. in diam., brs. N. $67\frac{1}{2}^{\circ}$ E., 30 lks. dist., marked $\frac{1}{4}$ S 2 BT.A pine, 12 ins. in diam., brs. N. $29\frac{1}{2}^{\circ}$ W., 11 lks. dist., marked $\frac{1}{4}$ S 3 BT.

Descend 150 ft., over S. slope.

51.45 Wash, 20 lks. wide in ravine, course E.

Ascend 325 ft., over N. slope.

79.85 Ridge, brs. E. and W.

Descend 45 ft., over S. slope, to

80.26 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper, and oak.

Undergrowth, dense scrub oak, locust and cacti.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described,

N. $0^{\circ}2'$ W., bet. secs. 33 and 34.

Over mountainous land, thru. scattering timber and dense undergrowth.

Ascend 31 ft., over E. slope.

2.50 Descend 115 ft., over E. and NE. slopes.

7.36 Cor. No. 1 of H. E. S. No. 226 brs. E. 23.44 chs. dist.

8.51 Enter orchard of TKH ranch. Wire fence brs. NW and SE.

10.60 From this point, TKH ranch house brs. West about 3.50 chs. dist.

11.77 Leave orchard, brs. NW and SE.

13.87 Wash, 50 lks. wide, course SE. Trail, brs. NE and SW.

Ascend 133 ft., over SW. slope.

19.40 Spur, slopes SE.

Descend 38 ft., over NE. slope.

25.06 Wash, 20 lks. wide in gulch, course SE.

Ascend 403 ft. over SW. slope.

38.85 Spur, slopes SE.

Descend 10 ft. over NE. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 33 \text{ | S } 34 \\ 1921 \end{array}$$

from which,

Subdivision lines of Township 2 South, Range 29 East.

Chains.

An oak, 4 ins. in diam., brs. N. 49 $\frac{1}{2}$ ° E., 45 lks. dist., marked 3 T.
 A pine, 10 ins. in diam., brs. N. 50° W., 145 lks. dist., marked $\frac{1}{4}$ S 33 BT.
 Descend 80 ft., over NE. slope.
 43.59 Wash in gulch, course SE.
 Ascend 283 ft., over SW. slope.
 51.11 Spur, slopes SE.
 Ascend 10 ft., over E. slope, to
 54.00 Descend 20 ft., over NE. slope.
 58.50 Head of wash, 20 lks. wide, in gulch, course SE.
 Ascend 275 ft., over S. slope.
 65.32 Ridge, brs. E. and W.
 Descend 87 ft., over NW. slope.
 69.86 Wash, 20 lks. wide, in gulch, course NE.
 Ascend 205 ft., over SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, to bed rock, supported by a mound of stone, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T2S	R29E
S28	S27
S33	S34

1921

and raise mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine and juniper.
 Undergrowth, dense scrub oak, scrub cedar and cacti.
 Fair grass.

 East, on a random line, bet. secs. 27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 26, 27, 34 and 35.
 Thence,
 S. 89° 59' W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 727 ft. to $\frac{1}{4}$ sec. cor., over S. and SE. slopes.
 19.46 Wire fence, brs. NE. and SW.
 22.11 Trail, brs. NE. and SW.
 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 27
S 34

1921

from which,
 A juniper, 20 ins. in diam., brs. N. 63 $\frac{1}{2}$ ° W., 70 lks. dist., marked $\frac{1}{4}$ S 27 BT.
 A juniper, 14 ins. in diam., brs. S. 73 $\frac{1}{2}$ ° W., 52 lks. dist., marked $\frac{1}{4}$ S 34 BT.
 Ascend 287 ft., over SE. slope.
 52.76 Ridge, brs. NE. and SW.
 Descend 340 ft., over NW. slope.
 67.45 Wash in gulch, course NE.
 Ascend 317 ft., over SE. slope, to
 79.92 The cor. of secs. 27, 28, 33 and 34.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, scrub cedar and cacti.

 N. 0° 2' W., bet. secs. 27 and 28.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 72 ft., over SE. slope.

36 Subdivision lines of Township 2 South Range 20 East

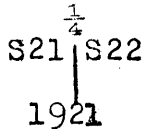
Chains.	
4.82	Spur, slopes NE. Descend 330 ft., over NW. slope.
13.11	Gulch, course N. 50° E. Ascend 253 ft., over SE. slope, to
27.47	Thence along E. slope. Descend 32 ft. to
35.45	Ridge, brs. NE and SW. Descend 141 ft., over NW. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \text{S} 28 \frac{1}{4} \text{S} 27 \\ \hline 1921 \end{array}$ </div>
	from which, A pine, 12 ins. in diam., brs. S. 7° W., 10 lks. dist. marked $\frac{1}{4}$ S 28 BT. No other trees within limits; raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 400 ft., over NW. slope.
51.72	Gulch, course N. 55° E. Asc. 409 ft., over SE. slope.
71.58	Ridge, brs. NE and SW. Desc. 50 ft., over NW. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap, <div style="text-align: center;"> $\begin{array}{c} \text{T} 2 \text{S} \mid \text{R} 29 \text{E} \\ \text{S} 21 \mid \text{S} 22 \\ \hline \text{S} 28 \mid \text{S} 27 \\ \hline 1921 \end{array}$ </div>
	from which, A juniper, 24 ins. in diam., brs. N. 37 $\frac{1}{2}$ ° E., 138 lks. dist., marked T2S R29E S22 BT. A pine, 24 ins. in diam., brs. S. 46° E., 136 lks. dist., marked T2S R29E S27 BT. A juniper, 36 ins. in diam., brs. S. 36° W., 130 lks. dist., marked T2S R29E S28 BT. A juniper, 10 ins. in diam., brs. N. 89° W., 73 lks. dist., marked T2S R29E S21 BT. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine, juniper and oak. Undergrowth, dense scrub oak, locust, ironwood and cacti. Fair grass.
	----- N. 89° 59' E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence, S. 89° 58' W., on a true line, bet. secs. 22 and 27. Over mountainous land, thru, scattering timber and dense undergrowth. Asc. 95 ft., over SE. slope.
3.72	Ridge, brs. NE and SW., and trail, same bearing. Descend 205 ft., over NW. slope, to
16.10	Ascend 14 ft., over N. slope.
17.60	Descend 110 ft., over NW. slope.
18.27	Wire drift fence, brs. N. and S.
26.17	Ascend 50 ft., over NE. slope.
28.10	Descend 28 ft., over NW. slope, to
32.40	Ascend 23 ft., over N. slope, to
35.07	Head of gulch, course NE. Asc. 238 ft. over E. slope, to
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \text{S} 22 \\ \hline \text{S} 27 \\ \hline 1921. \end{array}$ </div>
	and raise mound of stone 3 ft. base, 2 ft. high, N. of cor. Ascend 156 ft., over E. slope.
45.63	Spur, slopes NE. Desc. 91 ft., over NW. slope.
50.34	Head of gulch, course N. A sc. 190 ft., over NE. slope.

Chains.

64.00 Spur, slopes N.
 Descend 52 ft., over NW. slope.
 70.86 Head of gulch, course NE.
 Ascend 56 ft., over NE. slope.
 76.28 Spur, slopes N.
 Descend 95 ft., over NW. slope, to
 79.98 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, Spanish dagger
 and cacti.
 Fair grass.

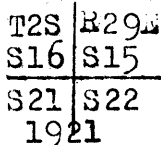
 N. 0° 2' W., bet. secs. 21 and 22.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.

Descend 710 ft., over NW. slope.
 3.17 Trail, brs. NE. and SW.
 26.21 Dry bed of Pigeon Creek, 50 lks. wide, in canyon, course NE.
 Ascend 427 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
 the ground to bed rock, supported by a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,
 An oak, 4 ins. in diam., brs. N. 64 $\frac{1}{2}$ ° E., 23 lks.
 dist., marked B T.
 An oak, 10 ins. in diam., brs. N. 22 $\frac{1}{2}$ ° W., 27 lks.
 dist., marked $\frac{1}{4}$ S 21 BT.

Ascend 10 ft., over SE. slope.
 41.00 Ridge, brs. E. and W.
 Descend 62 ft., over N. slope.
 46.82 Head of gulch, course NE.
 Ascend 117 ft., over SE. slope.
 74.96 Ridge, brs. NE. and SW.
 Descend 40 ft., over NW. slope.
 78.40 Ascend 20 ft., over NW. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins.
 in the ground to bed rock, supported by a mound of
 stone, for cor. of secs. 15, 16, 21 and 22, marked on
 brass cap,



from which,
 A juniper, 8 ins. in diam., brs. N. 78 $\frac{1}{2}$ ° E., 20 lks.
 dist., marked T2S R29E S15 BT.
 An oak, 8 ins. in diam., brs. S. 37 $\frac{1}{2}$ ° E., 49 lks.
 dist., marked T2S R29E S22 BT.
 An oak, 4 ins. in diam., brs. S. 21 $\frac{1}{2}$ ° W., 42 lks.
 dist., marked B T.
 A juniper, 8 ins. in diam., brs. N. 16° W., 36 lks.
 dist., marked T2S R29E S16 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, Spanish dag-
 ger and cacti.

38 Subdivision lines of Township 2 South, Range 29 East.

Chains.

N. 89° 58' E., on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line; 4 lks. S. of the cor. of secs. 14, 15, 22 and 23.
 Thence,
 S. 89° 56' W., on a true line, bet. secs. 15 and 22.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 73 ft., over E. slope.
 3.29 Spur, slopes NE.
 Descend 255 ft., over NW. slope.
 11.00 Gulch, course NE.
 Ascend 222 ft., over E. slope.
 14.33 Drift fence, brs. N. and S.
 16.21 Spur, slopes N.
 Descend 10 ft., over NW. slope.
 18.75 Ascend 68 ft., over NE. slope.
 25.35 Spur, slopes N.
 Descend 336 ft., over W. slope.
 38.16 Gulch, course N.
 Ascend 65 ft., over E. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 15
 S 22
 1921

from which,

An oak, 10 ins. in diam., brs. N. 25 $\frac{1}{2}$ ° E., 47 lks. dist., marked $\frac{1}{4}$ S 15 BT.
 An oak, 6 ins. in diam., brs. S. 53 $\frac{1}{2}$ ° E., 49 lks. dist., marked $\frac{1}{4}$ S 22 BT.

Ascend 645 ft., over E. and SE. slopes, to
 74.50 Ridge, brs. NE. and SW.
 Descend 105 ft., over NW. slope, to
 80.00 The cor. of secs. 15, 16, 21 and 22.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, juniper and oak.
 Undergrowth, dense scrub oak, black locust, Spanish dagger and cacti.
 Fair grass.

N. 0° 2' W., bet. secs. 15 and 16.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend 102 ft., over NW. slope.
 5.00 Trail, brs. NE. and SW.
 8.00 Head of gully, course W.
 Descend 30 ft., over W. slope.
 10.80 Ascend 5 ft., over W. slope.
 13.00 Descend 140 ft., over W. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 16 | S 15
 1921

from which,

A juniper, 18 ins. in diam., brs. S. 24° E., 80 lks. dist., marked $\frac{1}{4}$ S 15 BT.
 A juniper, 24 ins. in diam., brs. N. 11 $\frac{1}{2}$ ° W., 127 lks. dist., marked $\frac{1}{4}$ S 16 BT.

Descend 422 ft., over NW. slope.
 59.30 Bend in dry bed of Juan Miller creek, course NW. from SW.

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Subdivision lines of Township 2 South, Range 29 East. 39

Chains.

- 64.24 Ascend 131 ft. over SW. slope.
Point of spur, slopes W.
- 72.50 Descend 185 ft., over NW. slope.
Dry bed of Juan Miller Creek, course NE.
- 75.25 Descend 10 ft., over E. slope.
- 80.00 Ascend 113 ft., over E. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T2S	R29E
S 9	S10
S16	S15

1921

from which,

- An oak, 6 ins. in diam., brs. N. 17 $\frac{1}{2}$ ° E., 13 lks. dist., marked T2S R29E S10 BT.
- An oak, 12 ins. in diam., brs. S. 79° E., 27 lks. dist., marked T2S R29E S15 BT.
- An oak, 6 ins. in diam., brs. S. 32° W., 48 lks. dist., marked T2S R29E S16 BT.
- An oak, 6 ins. in diam., brs. N. 89 $\frac{1}{2}$ ° W., 44 lks. dist., marked T2S R29E S9 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak, black locust, Spanish dagger and cacti.

Fair grass.

- 40.00 N. 89° 56' E., on a random line, bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S. 89° 53' W.; on a true line, bet. secs. 10 and 15.

Over mountainous land, thru. scattering timber and dense undergrowth.

- 18.12 Ascend 150 ft., over N. and NE. slopes of ridge, the top of which brs. E. and W. at about 2.50 chs. S. of line.
Top of same ridge, brs. NW and SE. Wire fence, same bearing.

23.60 Descend 36 ft., over SW. slope.

40.00 Ascend 60 ft., over S. and SE. slopes, to

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 10
S 15
1921

from which,

- An oak, 4 ins. in diam., brs. N. 4 $\frac{1}{2}$ ° E., 40 lks. dist., marked B T.
- An oak, 4 ins. in diam., brs. S. 55 $\frac{1}{2}$ ° W., 21 lks. dist., marked B T.

44.00 Ascend 53 ft., over SE. slope, to

Top of same ridge, brs. NE. and SW.

Descend 215 ft. over N. and NW. slopes.

54.50 Trail, brs. N. and S. Extends N. to the Laney Ranch about 20 chs. dist.

59.96 Wash, 10 lks. wide in gulch, course NE.

Ascend 115 ft., over E. slope.

66.43 Spur, slopes NE.

Descend 160 ft., over NW. slope.

40 Subdivision lines of Township 2 South, Range 29 East.

Chains.

- 75.00 Dry bed of Juan Miller creek, course N.
Ascend 160 ft., over E. slope, to
- 80.00 The cor. of secs. 9, 10, 15 and 16.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine, juniper and oak.
Undergrowth, dense scrub oak, locust, ironwood and cacti.
-
- N. 0° 2' W., bet. secs. 9 and 10.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 114 ft., over SE. slope.
- 6.25 Point of spur, slopes E.
Descend 22 ft., over NE. slope, to
- 8.75 Head of gully, course E.
Descend 10 ft., over E. slope.
- 12.20 Ascend 16 ft., over SE. slope.
- 15.70 Point of spur, slopes E.
Descend 81 ft., over NE. slope.
- 20.60 Graded trail, brs. E. and W.
- 23.60 Head of gully, course E.
Ascend 65 ft., over SE. slope.
- 30.00 Trail, brs. NW. and SE.
- 36.00 Ridge, forming divide between Eagle Creek and Blue River, brs. NE. and SW. Center line of new Springerville road, under construction, brs. NE. and SW.
Ascend 35 ft., over W. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 9 $\frac{1}{4}$ S 10
1921

from which,

An oak, 10 ins. in diam., brs. N. 58° E., 96 lks.
dist., marked $\frac{1}{4}$ S 10 BT.

A juniper, 20 ins. in diam., brs. N. 35° W., 79 lks.
dist., marked $\frac{1}{4}$ S 9 BT.

- Ascend 6 ft., over W. slope.
- 42.50 Spur, ridge, brs. NW. and SE. sloping NW.
Descend 53 ft., over NE. slope, to
- 57.50 Wash, 10 lks. wide, course NE. near head.
Descend 11 ft., over E. slope.
- 61.70 Trail, brs. N. 20° E. and S. 20° W.
- 64.00 Ascend 60 ft., over E. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 3, 4, 9 and 10, marked on brass cap.

T2S | R29E
S 4 | S 3
S 9 | S 10
1921

from which,

An oak, 4 ins. in diam., brs. N. 70 $\frac{1}{4}$ ° E., 53 lks.
dist., marked B T.

An oak, 10 ins. in diam., brs. S. 48° E., 132 lks.
dist., marked T2S R29E S10 BT.

An oak, 3 ins. in diam., brs. S. 27° W., 71 lks.
dist., marked B T.

An oak, 6 ins. in diam., brs. N. 59 $\frac{1}{2}$ ° W., 24 lks.
dist., marked T2S R29E S4 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Subdivision lines of Township 2 South, Range 29 East. 41

Chains.

Timber, scattering juniper, pine and oak.
Undergrowth, dense scrub oak, black locust, Spanish dagger,
ocotillo and other cacti.
Fair grass.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.26 Intersect N. and S. line, 26 lks. N. of the cor. of secs. 2, 3, 10 and 11.
Thence,
N. $89^{\circ}53'$ E., on a random line, bet. secs. 3 and 10.
- 12.89 Spur, ridge, brs. NE. and SW. sloping NE.
Descend 12 ft., over NW. slope.
- 14.88 Head of gulch, course N.
Ascend 28 ft., over E. slope.
- 18.86 Ridge, brs. N. and S. forming divide between Eagle Creek and Blue River.
Descend 302 ft., over W. slope, to
- 40.13 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 3
 S 10
 1921

from which,

- An oak, 8 ins. in diam., brs. N. $81\frac{1}{2}^{\circ}$ E., 30 lks. dist., marked $\frac{1}{4}$ S 3 BT.
- A pine, 8 ins. in diam., brs. S. 10° W., 75 lks. dist., marked $\frac{1}{4}$ S 10 BT.
- 40.38 Descend slightly over W. slope, to Wash, 20 lks. wide, course SW.
Descend 10 ft., over SW. slope, to
- 41.50 Same wash, course N. 80° W.
Descend 52 ft., over NW. slope, to
- 49.55 Wash, 20 lks. wide, course NW.
Ascend 63 ft., over NE. slope.
- 55.50 Bend in center line of proposed new Springerville road, brs. NW. and NE.
- 64.00 Point of spur, slopes N.
Descend 100 ft., over NW. slope.
- 67.90 Center line of proposed new Springerville road, brs. NE. and SW.
- 73.34 Trail, brs. NE. and SW.
- 74.00 Wash, course NE.
Ascend 100 ft., over E. slope, to
- 80.26 The cor. of secs. 3, 4, 9 and 10.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine, juniper and oak.
Undergrowth, dense scrub oak, black locust, Spanish dagger and cacti.
Fair grass.

- 40.00 N. $0^{\circ}14'$ W., on a random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.26 Fall 12 lks. W. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees, as follows:

A pine, 7 ins. in diam., N. $58\frac{1}{2}^{\circ}$ E., 31 lks. dist.

42 Subdivision lines of Township 2 South, Range 29 East.

Chains.

- A pine, 6 ins. in diam., S. $55\frac{1}{2}^{\circ}$ E., 35 lks. dist.
 A pine, 8 ins. in diam., S. $4\frac{1}{4}^{\circ}$ W., 78 lks. dist.
 A pine, 6 ins. in diam., N. $67\frac{3}{4}^{\circ}$ W., 80 lks. dist.
- Thence,
 S. $0^{\circ} 9'$ E., on a true line, bet. secs. 3 and 4.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend slightly over E. slope.
- 1.00 Head of wash, course NE.
 Ascend 130 ft., over N. slope.
- 7.24 Ridge, brs. E. and W. forming divide bet. Eagle Creek and Blue River.
 Descend 323 ft. over S. slope.
- 29.08 Gulch, course W.
 Ascend 90 ft., over NW. slope.
- 39.26 Point of spur, slopes W.
 Descend 5 ft., over SW. slope, to
- 40.26 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
- S $4\frac{1}{4}$ S 3
 1921
- from which,
 A juniper, 24 ins. in diam., brs. N. $64\frac{1}{2}^{\circ}$ E., 151 lks. dist., marked $\frac{1}{4}$ S 3 BT.
 A pine, 10 ins. in diam., brs. S. 14° W., 135 lks. dist., marked $\frac{1}{4}$ S 4 BT.
- Descend 121 ft., over SW. slope.
- 47.25 Bottom of canyon, course NW.
 Ascend 101 ft., over steep NE. slope, to
- 49.84 Rim of canyon, brs. NW. and SE. Leave canyon.
 Ascend 30 ft., over gradual NE. slope.
- 57.83 Descend 31 ft., over E. slope.
- 63.81 Ascend 80 ft., over E. slope, to
- 80.26 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and sycamore.
 Undergrowth, dense scrub oak, locust and cacti.
 Fair grass.
-
- From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of the Tp., hereinbefore described,
 N. $0^{\circ} 2'$ W., bet. secs. 32 and 33.
 Over mountainous land, thru. scattering timber and dense undergrowth.
- Descend 10 ft., over W. slope.
- 1.50 Trail, brs. N. 10° W. and S. 10° E.
- 3.00 Ridge, brs. NW. and SE. forming divide, between Eagle Creek and San Francisco River.
 Descend 100 ft., over NE. slope.
- 7.21 Pack Trail, brs. E. and W.
- 12.85 Dry bed of Sardine Creek, course S. 80° E. near head of canyon.
 Ascend 555 ft., over S. and SW. slopes.
- 33.87 Spur, ridge, brs. NW. and SE. sloping SE.
 Descend 125 ft., over NE. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
- S 32 S 33
 1921

Subdivision lines of Township 2 South, Range 29 East.

Chains.

from which,
 A pine, 6 ins. in diam., brs. N. 25° E., 31 lks. dist., marked $\frac{1}{4}$ S 33 BT.
 A pine, 4 ins. in diam., brs. S. 10 $\frac{1}{2}$ ° W., 22 lks. dist., marked B T.
 Descend 42 ft., over NE. slope, to Gulch, course N. 45° W.
 Descend 150 ft., over W. slope.
 Top of Mitchell Peak, brs. E. about 25 chs. dist.
 Descend 146 ft., over NW. slope, to
 41.36
 60.00
 69.79
 80.00
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap,

T2S	R29E
S29	S28
S32	S33
1921	

from which,
 A yellow pine, 16 ins. in diam., brs. N. 57° E., 71 lks. dist., marked T2S R29E S28 BT.
 A white oak, 10 ins. in diam., brs. S. 82 $\frac{1}{2}$ ° E., 31 lks. dist., marked T2S R29E S33 BT.
 A white oak, 10 ins. in diam., brs. S. 51 $\frac{1}{2}$ ° W., 28 lks. dist., marked T2S R29E S32 BT.
 A yellow pine, 10 ins. in diam., brs. N. 52 $\frac{1}{2}$ ° W., 29 lks. dist., marked T2S R29E S29 BT.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, pine, cypress, cedar, hickory and maple.
 Undergrowth, dense black lotus, scrub oak, mountain mahogany and cacti.

East, on a random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 27, 28, 33 and 34.
 Thence,
 N. 89° 51' W., on a true line, bet. secs. 28 and 33.
 Over mountainous land, thru scattering timber and dense undergrowth.
 Ascend 116 ft., over SE. slope.
 7.44 Spur, slopes N. 45° E.
 Descend 30 ft., over NW. slope.
 11.42 Head of gulch, course N. 20° E.
 Ascend 353 ft., over NE. slope.
 24.24 Ridge, brs. N. 15° E. and S. 15° W.
 Descend 42 ft., over NW. slope.
 28.69 Head of gulch, course N.
 Ascend 25 ft., over NE. slope.
 31.70 Spur, slopes N. 30° W.
 Descend 270 ft., over NW. slope, to
 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 28
	S 33
1921	

from which,
 A juniper, 36 ins. in diam., brs. N. 61 $\frac{1}{2}$ ° E., 90 lks. dist., marked $\frac{1}{4}$ S 28 BT.
 A juniper, 26 ins. in diam., brs. S. 15 $\frac{1}{2}$ ° W., 32 lks. dist., marked $\frac{1}{4}$ S 33 BT.
 Descend 84 ft., over NW. slope.

44 Subdivision lines of Township 2 South, Range 29 East.

Chains.

42.28 Head of gulch, course N. 20°W.
Ascend 10 ft., over NE slope.
45.38 Descend 70 ft., over NW slope.
48.71 Gulch, course N. 20°E.
Ascend 248 ft., over E slope.
58.45 Spur, slopes N. 45°E.
Descend 390 ft., over NW slope, to
79.92 The cor. of secs. 28, 29, 32 and 33.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, walnut, juniper, maple
and cypress.
Undergrowth, dense black lotus, scrub oak, algerits, man-
zanita, mountain mahogany and cacti.
Fair grass.

N. 0° 2' W., bet. secs. 28 and 29.
Over mountainous land, thru scattering timber and dense
undergrowth.

5.16 Descend 40 ft., over NW slope,
Gulch, course NE.
Ascend 350 ft., over SE slope.
12.50 Old road, brs. E and W.
18.90 Ridge, brs. N. 70° E. and S. 70° W.
Descend 331 ft., over N slope.
22.89 Same old road, brs. E and W.
28.67 Head of gulch, course N. 18° W.
Descend 175 ft., over NW slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S29 | S28
1921

from which,

An oak, 10 ins. in diam., brs. S. 66 $\frac{1}{2}$ ° E., 64 lks.
dist., marked $\frac{1}{4}$ S 28 BT.
An oak, 8 ins. in diam., brs. S. 43 $\frac{1}{2}$ ° W., 11 lks.
dist., marked $\frac{1}{4}$ S 29 BT.

Descend 59 ft., over NW slope.
42.33 Gulch, course NE.
Ascend 67 ft., over SE slope.
49.09 Old road, brs. N. 80° E. and S. 80° W.
51.96 Spur, slopes N. 80° E.
Descend 262 ft., over N slope.
72.75 Dry bed of Pigeon Creek in canyon, course E.
Ascend 146 ft., over S slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 20, 21, 28 and 29, marked
on brass cap,

T2S | R29E
S29 | S21
S29 | S28
1921

from which,

A juniper, 4 ins. in diam., brs. N. 68 $\frac{1}{2}$ ° E., 76 lks.
dist., marked BT.
A juniper, 24 ins. in diam., brs. S. 68° E., 184 lks.
dist., marked T2S R29E S28 BT.
An oak, 4 ins. in diam., brs. S. 2° W., 43 lks.
dist., marked BT.
A juniper, 6 ins. in diam., brs. N. 46 $\frac{1}{2}$ ° W., 123 lks.
dist., marked T2S R29E S20 BT.

Subdivision lines of Township 2 South, Range 29 East. 45

Chains.

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, juniper, maple, walnut and cedar.
Undergrowth, dense black lotus, scrub oak, manzanita, mountain mahogany and cacti.

S. 89° 51' E., on a random line, bet. secs. 21 and 28.
49.00 Set temp. $\frac{1}{4}$ sec. cor.
80.22 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.
Thence,
N. 89° 48' W., on a true line, bet. secs. 21 and 28.
Over mountainous land, thru. scattering timber and dense undergrowth.
Descend 235 ft., over NW. slope.
3.50 Trail, brs. N.E. and S.
8.58 Gulch, course N. 10° W.
Ascend 60 ft., over N.E. slope.
15.00 Point of spur, slopes N. 10° E.
Descend 310 ft., over NW. slope.
24.47 Gulch, course N., near head.
Ascend 192 ft., over N.E. slope.
30.77 Point of spur, slopes N. 15° E.
Descend 95 ft., over NW. slope.
34.08 Head of short gulch, course N.
Ascend 20 ft., over N.E. slope.
37.08 Point of spur, slopes N.
Descend 84 ft., over NW. slope, to
40.11 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 21
S 28
1921

from which,

A box elder, 12 ins. in diam., brs. N. 19° W., 72 lks. dist., marked $\frac{1}{4}$ S 21 BT.

A box elder, 14 ins. in diam., brs. S. 32° W., 36 lks. dist., marked $\frac{1}{4}$ S 28 BT.

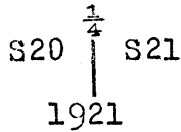
Descend 52 ft., over NW. slope, to
41.69 Pigeon Creek, water in holes, course N. 70° E. in bottom of canyon.
Ascend 280 ft., over S. and SE. slopes.
54.25 Stock trail, brs. N.E. and SW.
70.34 Point of spur, slopes S. 15° W.
Descend 80 ft., over SW. slope.
75.33 Head of short gully, course S.
Ascend 91 ft., over SE. slope, to
80.22 the cor. of secs. 20, 21, 28 and 29.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, white oak, walnut, maple, box elder and juniper.
Undergrowth, dense scrub oak, black lotus and cacti.

N. 0° 2' W., bet. secs. 20 and 21.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 172 ft., over S. slope.
11.69 Ridge, brs. E. and W. At about 8 chs. W. of this point this ridge joins a ridge bearing N.E. and SW., which forms divide between Eagle Creek and Blue River.
Descend 326 ft., over N. slope.

46 Subdivision lines of Township 2 South Range 29 East.

Chains.

- 28.45 Descend 50 ft., over NE. slope, to
- 37.41 Saddle in ridge, bearing N. and SW. Eagle Creek-Blue River divide. Thence along top of this ridge.
- Ascend slightly to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

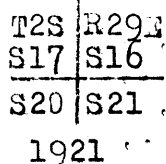


from which,

- A white oak, 10 ins. in diam., brs. S. $62\frac{1}{2}^{\circ}$ E., 17 lks. dist., marked $\frac{1}{4}$ S 21 BT.
- A juniper, 30 ins. in diam., brs. N. $77\frac{1}{2}^{\circ}$ W., 136 lks. dist., marked $\frac{1}{4}$ S 20 BT.

Continue along top of ridge, bearing N. and S. Ascend 10 ft.

- 40.15 Springerville-Clifton State Highway, brs. N. 60° E. and S. 60° W.
- 40.90 A juniper, 40 ins. in diam., on line, mark 2 notches on each of N. and S. faces.
- 44.50 Leave top of ridge, brs. N. 45° E. and S.
- Descend 376 ft., over NW. slope.
- 58.83 Smith Creek, with stream of water, 3 lks. wide, 6 ins. deep, in canyon, course N. 40° E.
- Ascend 115 ft. over SE. slope.
- 62.32 A juniper, 52 ins. in diam., on line. Mark 2 notches on each of N. and S. faces.
- 70.25 Point of spur, slopes N. 30° E.
- Descend 172 ft., over NE. slope.
- 76.11 Smith Creek, with stream of water 3 lks. wide, 6 ins. deep, in canyon, course N. 45° W.
- Ascend 82 ft., over W. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



from which,

- A white oak, 4 ins. in diam., brs. N. $35\frac{1}{2}^{\circ}$ E., 60 lks. dist., marked BT.
- A white oak, 6 ins. in diam., brs. S. $57\frac{1}{2}^{\circ}$ E., 32 lks. dist., marked T2S R29E S21 BT.
- A juniper, 26 ins. in diam., brs. S. 31° W., 167 lks. dist., marked T2S R29E S20 BT.
- A white oak, 4 ins. in diam., brs. N. 42° W., 67 lks. dist., marked BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering yellow pine, white oak, box elder, maple and juniper.

Undergrowth, dense scrub oak, black lotus, mountain mahogany, mesal and cacti.

- 40.00 S. $39^{\circ}48'$ E., on a random line, bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor.
- 80.18 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.
- Thence, N. $89^{\circ}47'$ W., on a true line, bet. secs. 16 and 21.
- Over mountainous land, thru. scattering timber and dense undergrowth.

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Subdivision lines of Township 2 South, Range 29 East. 47

Chains.

- 2.45 Descend 402 ft., over NW. slope.
Pack trail, brs. N. and S.
- 17.20 Dry bed of Juan Miller creek, in ravine, course N.
Ascend 277 ft. over E. slope.
- 32.20 Spur, slopes N. 20° E.
- 40.09 Descend 41 ft., over NW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
the ground to bed rock, supported by a mound of stone,
for $\frac{1}{4}$ sec. cor., marked on brass cap,
- $\frac{1}{4}$ S 16
S 21
1921
- from which,
A white oak, 5 ins. in diam., brs. N. 56° E., 57
lks. dist., marked $\frac{1}{4}$ S 16 BT.
A juniper, 5 ins. in diam., brs. S. 85° E., 36
lks. dist., marked $\frac{1}{4}$ S 21 BT.
- 46.65 Descend 69 ft., over NW. slope.
Head of gulch, course N.
- 51.56 Ascend 63 ft., over NE. slope.
Point of spur, slopes N. 45° E.
- 57.55 Descend 6 ft., over N. slope.
Head of gulch, course N. 40° E.
- 62.40 Ascend 147 ft., over E. slope.
Springerville-Clifton State Highway, brs. N. 10° E. and S. 10°
W.
- 64.72 Ridge, brs. N. and S. forming divide bet. Eagle Creek and
Blue River.
- 80.18 Descend 367 ft., over W. slope, to
The cor. of secs. 16, 17, 20 and 21.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, juniper, white oak, black
jack oak, box elder and maple.
Undergrowth, dense scrub oak, black lotus, buck brush,
mountain mahogany and cacti.
Fair grass.
-
- N. 0° 2' W., bet. secs. 16 and 17.
Over mountainous land, thru. scattering timber and dense
undergrowth.
- 18.61 Ascend 193 ft. over W. slope.
Point of spur, slopes N. 45° W.
- 40.00 Descend 465 ft., over NW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the
ground to bed rock, supported by a mound of stone, for
 $\frac{1}{4}$ sec. cor., marked on brass cap,
- $\frac{1}{4}$
S 17 | S 16
1921
- from which,
A box elder, 14 ins. in diam., brs. East 34 lks.
dist., marked $\frac{1}{4}$ S 16 BT.
An alder, 22 ins. in diam., brs. S. 46 $\frac{1}{2}$ ° W., 46 lks.
dist., marked $\frac{1}{4}$ S 17 BT.
- 40.10 Smith creek, with stream of water, 5 lks. wide, 8 ins. deep,
in canyon, course N. 15° E.
- 61.64 Ascend 242 ft., over SE. slope.
Point of spur, slopes N. 80° E.
- 80.00 Descend 265 ft., over NE. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 8, 9, 16 and 17, marked on
brass cap,

48. Subdivision lines of Township 2 South, Range 29 East.

Chains.

T2S	R29E
S 8	S 9
S17	S16

1921

from which,

A black jack oak, 10 ins. in diam., brs. N. $9\frac{1}{2}^{\circ}$ E.,
85 lks. dist., marked T2S R29E S9 BT.

A juniper, 6 ins. in diam., brs. S. $10\frac{1}{2}^{\circ}$ E., 31 lks.
dist., marked T2S R29E S16 BT.

A black jack oak, 8 ins. in diam., brs. S. $71\frac{1}{2}^{\circ}$ W.,
36 lks. dist., marked T2S R29E S17 BT.

A juniper, 8 ins. in diam., brs. N. 84° W., 66 lks.
dist., marked T2S R29E S8 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering yellow pine, ash, alder, elder, oak,
maple, wild cherry and walnut.Undergrowth, dense scrub oak, mountain mahogany and cacti.
Fair grass.

- 40.00 S. $89^{\circ}47'$ E., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
- 60.10 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 9,
10, 15 and 16.
Thence,
N. $89^{\circ}46'$ W., on a true line, bet. secs. 9 and 16.
Over mountainous land, thru. scattering timber and dense
undergrowth.
- 15.16 Ascend 261 ft., over E. slope.
Ridge, brs. N. 20° E. and S. 20° W. forming divide bet. Eagle
Creek and Blue River.
- 26.30 Descend 93 ft., over NW. slope to $\frac{1}{4}$ sec. cor.
Springerville-Clifton State Highway, brs. N. 10° E. and S. 10°
W. now under process of construction.
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bed rock, supported by a mound of stone
for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S	9
S 16	
1921	

from which,

A juniper, 6 ins. in diam., brs. N. 2° E., 30 lks.
dist., marked $\frac{1}{4}$ S 9 BT.

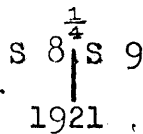
A juniper, 28 ins. in diam., brs. S. 20° E., 95 lks.
dist., marked $\frac{1}{4}$ S 16 BT.

- 50.46 Descend 46 ft., over NW. slope.
Dry bed of Corral Creek, course N. 30° E. near head of can-
yon.
- 60.50 Ascend 87 ft., over E. slope.
Spur ridge, brs. N. 10° E. and S. 10° W.
Descend 310 ft., over NW. slope.
- 71.00 Smith Creek, with stream of water, 5 lks. wide, 8 ins. deep
in canyon, course N. 20° W.
- 80.10 Ascend 175 ft., over NE. slope, to
The cor. of secs. 8, 9, 16 and 17.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering white and black oak, alder, ash, box
elder, wild cherry, juniper, yellow pine and sycamore.
Undergrowth, dense scrub oak, mountain mahogany and cacti.
Fair grass.

Subdivision lines of Township 2 South, Range 29 East.

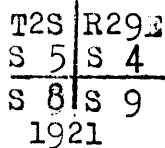
Chains.

N.0°2'W., bet. secs. 8 and 9.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend 256 ft., over NE. slope.
 13.53 Smith Creek, with stream of water, 5 lks. wide, 8 ins. deep in canyon, course N.45°W.
 Ascend 382 ft., over SW. slope.
 32.94 Spur. ridge, brs. N.50°W. and S.50°E.
 Descend 41 ft., over NE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,
 A juniper, 14 ins. in diam., brs. S.50°E., 108 lks. dist., marked $\frac{1}{4}$ S 9 BT.
 A juniper, 18 ins. in diam., brs. S.75 $\frac{1}{2}$ °W., 60 lks. dist., marked $\frac{1}{4}$ S 8 BT.

Descend 124 ft., over NE. slope.
 49.61 Gulch, course N.60°W.
 Ascend 184 ft., over SW. slope.
 61.85 Trail, brs. E. and W.
 74.80 South rim of mesa, brs. N.60°W. and S.60°E. Leave mountainous land, and dense undergrowth, and enter gently rolling land on N.O. Bar Mesa, and scattering undergrowth.
 Descend slightly over N. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,



from which,
 A juniper, 10 ins. in diam., brs. N.7°50'E., 195 lks. dist., marked T2S R29E S4 BT.
 A juniper, 38 ins. in diam., brs. S.43°30'E., 167 lks. dist., marked T2S R29E S9 BT.
 A juniper, 46 ins. in diam., brs. S.38°W., 160 lks. dist., marked T2S R29E S8 BT.
 A juniper, 10 ins. in diam., brs. N.22 $\frac{1}{2}$ °W., 137 lks. dist., marked T2S R29E S5 BT.

Land, mountainous, except N.5 chs., which is gently rolling.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, oak and pine.
 Undergrowth, dense scrub oak, mountain mahogany and cacti in S.75 chs., scattering in N. 5chs.
 Fair grass.

S.89°46'E., on a random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.86 Intersect N. and S. line, 19 lks. S. of the cor. of secs. 3, 4, 9 and 10.
 Thence,
 N.89°54'W., on a true line, bet. secs. 4 and 9.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 140 ft., over E. slope.
 14.10 Spur. ridge brs. N. and S., sloping N.
 Descend 378 ft., over W. slope.
 33.85 Dry bed of Corral Creek, course N. in canyon.

50 Subdivision lines of Township 2 South Range 20 East

Chains.

- 39.93 Ascend 161 ft., over E. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\frac{1}{4} \begin{array}{l} S \\ \hline 4 \\ S \\ 9 \\ 1921 \end{array}$$

from which,
A white oak, 10 ins. in diam., brs. N. $18\frac{1}{2}^{\circ}$ E., 33
lks. dist., marked $\frac{1}{4}$ S 4 BT.
A white oak, 8 ins. in diam., brs. S. 18 lks.
dist., marked $\frac{1}{4}$ S 9 BT.
- 49.86 Ascend 215 ft., over SE. slope.
Rim of mesa, brs. NE. and SW. Leave mountainous land and
dense undergrowth, and enter gently rolling land, scat-
tering timber and undergrowth on N.O. Bar Mesa.
- 79.86 Descend 45 ft., over NW. slope, to
The cor. of secs. 4, 5, 8 and 9.
Land, E. 50 chs., mountainous. W. 30 chs., gently rolling.
Soil, rocky, 4th rate.
Timber, scattering juniper, black and white oak, yellow pine
Undergrowth, scrub oak, mountain mahogany, mesal and cacti,
dense in E. 50 chs., scattering in W. 30 chs.
-
- 40.00 N. $0^{\circ}9'W.$, on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.11 Fall 23 lks. E. of the cor. of secs. 4, 5, 32 and 33, on the
N. bdy. of the Tp., which is an iron post, 3 ins. in diam.,
projecting 12 ins. above ground, firmly set, properly
marked on brass cap, and witnessed by a mound of stone,
W. of cor., and two properly marked bearing trees as
follows:
A juniper, 8 ins. in diam., N. $62\frac{1}{2}^{\circ}$ E., 230 lks.
dist.,
A juniper, 6 ins. in diam., S. $59\frac{1}{2}^{\circ}$ E., 142 lks.
dist.
- Thence,
S. $0^{\circ}19'E.$, on a true line, bet. secs. 4 and 5.
Over rolling land, thru. scattering timber. No undergrowth.
- 30.10 Ascend 115 ft., over N. slope.
Spur, slopes N. $55^{\circ}W.$
- 37.54 Descend 59 ft., over SW. slope.
Wash, course N. $45^{\circ}W.$, at head of canyon.
- 40.11 Ascend 26 ft., over NE. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
the ground to bed rock, supported by a mound of stone,
for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{l} \frac{1}{4} \\ S \\ 5 \end{array} | \begin{array}{l} S \\ 4 \\ 1921 \end{array}$$

from which,
A juniper, 10 ins. in diam., brs. S. $81\frac{1}{2}^{\circ}$ E., 73 lks.
dist., marked $\frac{1}{4}$ S 4 BT.
No other trees within limits; raise a mound of stone
4 ft. base, 3 ft. high, W. of cor.
Enter scattering undergrowth.
- 65.20 Ascend 195 ft., over N. slope, to
Rim of mesa, brs. E. and W. Thence over gently rolling land
on N.O. Bar Mesa.
- 80.11 Ascend 93 ft., over NW. slope, to
The cor. of secs. 4, 5, 8 and 9.
Land, rolling.
Soil, rocky, 4th rate.
Timber; scattering juniper, yellow pine, black and white
oak.

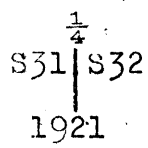
2007 3589

Subdivision lines of Township 2 South, Range 29 East. 51

Chains.

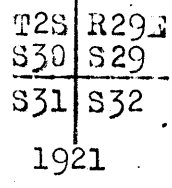
Undergrowth, scattering white oak, mountain mahogany and cacti in S. 1/2. No undergrowth, N. 1/2. Fair grass.

- From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described, N. 0° 3' W., bet. secs. 31 and 32. Over mountainous land, thru. scattering timber and dense undergrowth.
- 3.90 Descend 150 ft., over NW. slope. Wash in ravine, course W. near head.
- 9.31 Ascend 155 ft., over S. slope. Spur, slopes W.
- 19.07 Descend 240 ft., over N. slope. Bottom of ravine, course N. 80° W.
- 30.74 Ascend 315 ft., over S. slope. A dead cedar, 6 ft. in diam., on line, mark 2 notches on each of N. and S. faces of this tree.
- 32.34 Spur, slopes S. 70° W. Descend 150 ft., over NW. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



from which,
 A fir, 10 ins. in diam., brs. N. 43 1/2° E., 27 lks. dist., marked 1/4 S 32 BT.
 A fir, 8 ins. in diam., brs. N. 58 1/2° W., 17 lks. dist., marked 1/4 S 31 BT.

- 45.18 Descend 76 ft., over NW. slope. Bottom of ravine, course S. 75° W.
- 68.69 Ascend 510 ft., over SW. slope. Point of spur, slopes W.
- 79.60 Descend 267 ft., over NW. slope. Bottom of ravine, containing small stream of water, course S. 45° W.
- 80.00 Ascend slightly over SE. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,



from which,
 A walnut, 10 ins. in diam., brs. N. 68 1/2° E., 28 lks. dist., marked T2S R29E S29 BT.
 A black jack oak, 8 ins. in diam., brs. S. 68 1/2° E., 38 lks. dist., marked T2S R29E S32 BT.
 A black jack oak, 12 ins. in diam., brs. S. 75 1/2° W., 47 lks. dist., marked T2S R29E S31 BT.
 A black jack oak, 8 ins. in diam., brs. N. 10° W., 19 lks. dist., marked T2S R29E S30 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, cedar, juniper, oak, fir, maple and walnut.
 Undergrowth, dense black lotus, scrub oak, mountain mahogany and cacti.
 Fair grass.

52 subdivision lines of Township 2 South Range 29 East.

Chains.	
	East, on a random line, bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect the cor. of secs. 28, 29, 32 and 33.
	West, on a true line, bet. secs. 29 and 32.
	Over mountainous land, thru. scattering timber and dense undergrowth.
	Descend 26 ft., over NW. slope.
2.27	Wash, in gulch, course N. 45° E.
	Ascend 65 ft., over SE. slope.
9.48	Point of spur, slopes S.
	Descend 5 ft., over SW. slope.
12.58	Bottom of ravine, course S. 60° E.
	Ascend 268 ft., over NE. slope to $\frac{1}{4}$ sec. cor.
13.88	Road, brs. N. 15° W. and S. 15° E.
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4} \text{ S } 29$ $\text{S } 32$ 1921
	from which,
	A yellow pine, 10 ins. in diam., brs. N. 17° E., 37 lks. dist., marked $\frac{1}{4}$ S 29 BT.
	A yellow pine, 10 ins. in diam., brs. S. 11° E., 121 lks. dist., marked $\frac{1}{4}$ S 32 BT.
	Ascend 93 ft., over NE. slope.
48.87	Saddle in ridge, brs. N. and S. forming divide between Eagle Creek and Blue River. Low part of saddle brs. N. 2 chs. dist.
	Descend 703 ft., over NW. slope to 74.66 ch. point.
63.16	Springerville-Clifton State Highway, brs. N. 50° E. and S. 50° W.
68.07	Pack trail, brs. NE. and S. 25° W.
74.66	Short gully, course N. 70° W.
	Descend 138 ft., over NW. slope.
79.87	Bottom of ravine, containing small stream of water, course SW. Main spring brs. NE. 5 chs. dist.
	Ascend slightly over SE. slope, to
79.78	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, scattering yellow pine, oak, cedar, juniper, walnut, maple and ash.
	Undergrowth, dense scrub oak, black lotus, maple, mountain mahogany, and cacti.
	Fair grass.

	West, on a random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.85	Intersect the cor. of secs. 29, 30, 31 and 36, on the W. bdy. of the Tp., hereinbefore described.
	Thence,
	East, on a true line, bet. secs. 30 and 31.
	Over mountainous land, thru. scattering timber and dense undergrowth.
	Descend 17 ft., over SE. slope.
1.20	Bottom of ravine, course S. 25° W.
	Ascend 239 ft. over SW. slope.
7.08	Long spur, slopes S.
	Descend 153 ft. over E. slope.
15.50	Bottom of ravine, course S.
	Ascend 110 ft., over SW. slope.
21.22	Spur, slopes S.
	Descend 100 ft., over SE. slope.
28.10	Bottom of ravine, course S. 30° W.
	Ascend 300 ft., over W. slope, to

Subdivision lines of Township 2 South, Range 29 East. 53

Chains.

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

$\frac{1}{4}$ S 30
S 31
1921

from which,

An oak, 6 ins. in diam., brs. N. 87° E., 101 lks. dist., marked $\frac{1}{4}$ S 30 BT.

A juniper, 10 ins. in diam., brs. S. 26° E., 87 lks. dist., marked $\frac{1}{4}$ S 31 BT.

Ascend slightly over W. slope.

41.70 Spur, slopes S. 30° W.

Descend 222 ft., over E. slope.

50.81 Bottom of ravine, course S.

Ascend 65 ft., over SW. slope.

55.20 Point of spur, slopes S.

Descend 97 ft., over SE. slope.

62.09 Bottom of ravine, course S. 20° W.

Ascend 247 ft., over SW. slope.

76.39 Point of spur, slopes S.

Descend 35 ft., over SE. slope, to

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering walnut, maple, sycamore, oak, pine, juniper and fir.

Undergrowth, dense scrub oak, mountain mahogany, black lotus, manzanita, algerita and cacti.

N. 0° 3' W., bet. secs. 29 and 30.

Over mountainous land, thru. scattering timber and dense undergrowth.

Ascend 311 ft., over SE. slope.

9.70 Pack trail, brs. N. 70° W. and S. 70° E.

17.57 Springerville-Clifton State Highway, brs. NW. and SE.

Ascend 119 ft. over SW. slope, to

26.38 Saddle in ridge bearing E. and W., and forming divide bet. Eagle Creek and Blue River. Low part of saddle brs. W. 7 chs. dist.

Descend 222 ft. over NW. slope.

36.92 Springerville-Clifton State Highway, brs. N. 70° W. and S. 70° E.

40.00 Head of gulch, course NE. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S 30 | S 29
1921

from which,

A white oak, 12 ins. in diam., brs. N. 59° E., 21 lks. dist., marked $\frac{1}{4}$ S 29 BT.

A juniper, 38 ins. in diam., brs. S. 40° W., 40 lks. dist., marked $\frac{1}{4}$ S 30 BT.

Descend 212 ft., over NE. slope.

54.50 Mud Spring, brs. E. about 15 chs. dist.

61.65 Smith Creek in ravine, course N. 45° W.

Small spring brs. SE. 1 ch. dist.

Ascend 30 ft., over SW. slope.

69.16 Point of spur, slopes W.

Descend 29 ft., over NW. slope.

76.85 Head of short gulch, course W.

Ascend 34 ft., over SW. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in

54 Subdivision lines of Township 2 South, Range 29 East.

Chains.

the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,

T2S	R29E
S19	S20
S30	S29
1921	

from which,

A white oak, 8 ins. in diam., brs. N. 31 1/2° E., 30 lks. dist., marked T2S R29E S20 BT.

A pine, 12 ins. in diam., brs. S. 29° E., 56 lks. dist., marked T2S R29E S29 BT.

A juniper, 18 ins. in diam., brs. S. 33° W., 76 lks. dist., marked T2S R29E S30 BT.

A juniper, 10 ins. in diam., brs. N. 85 1/2° W., 47 lks. dist., marked T2S R29E S19 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering juniper, walnut, yellow pine, white oak, black oak and cedar.

Undergrowth, dense scrub oak, manzanita, algerita, black brush, mountain mahogany and black lotus.

Fair grass.

East, on a random line, bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,

S. 89° 58' W., on a true line, bet. secs. 20 and 29.

Over mountainous land, thru. scattering timber and dense undergrowth.

Ascend 131 ft., over S.E. slope.

13.20 Springerville-Clifton State Highway, brs. N. 30° E, and S. 30° W.

17.71 Ridge, brs. N. 70° E. and S. 70° W., forming divide between Eagle Creek and Blue River.

Ascend 72 ft., over N. and NE. slopes, to

29.63 Short spur, slopes N. 10° E.

Descend 115 ft., over NW. slope.

36.92 Head of gulch, course N.

Ascend 86 ft., over NE. slope, to

39.93 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 20
S 29
1921

from which,

An oak, 10 ins. in diam., brs. N. 25° E., 11 lks. dist., marked 1/4 S 20 BT.

A juniper, 26 ins. in diam., brs. S. 14° E., 41 lks. dist., marked 1/4 S 29 BT.

Ascend 50 ft., over NE. slope.

42.50 Point of spur, slopes N.

Descend 11 ft., over NW. slope.

45.50 Head of gulch, course N.

Ascend 183 ft., over NE. slope.

49.83 Spur, slopes N. 10° E.

Descend 139 ft., over NW. slope.

54.36 Head of gulch, course N. 15° E.

Ascend 113 ft., over NE. slope.

60.11 Spur, slopes N. 10° E.

Descend 50 ft., over NW. slope.

63.53 Head of gulch, course N. 30° E.

Ascend 40 ft., over NE. slope.

OOK 3520

Subdivision lines of Township 2 South, Range 29 East. 55

Chains.	
67.45	Spur, slopes N.10°W.
79.86	Descend 260 ft., over SW. slope, to The cor. of secs. 19, 20, 29, and 30. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering yellow pine, white oak, black walnut, juniper, maple and hickory. Undergrowth, dense scrub oak, mountain mahogany, ironwood, black lotus, buck brush and cacti. Fair grass.

40.00	West, on a random line, bet. secs. 19 and 30.
80.68	Set temp. $\frac{1}{4}$ sec. cor. Fall 10 lks. S. of the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., hereinbefore described. Thence, S. 89° 56' E., on a true line, bet. secs. 19 and 30. Over mountainous land, thru. scattering timber and dense undergrowth. Descend 58 ft., over NE. slope.
3.70	Wash in bottom of canyon, course N. 15° W. from S. Ascend 300 ft. over NW. slope.
20.10	Spur, ridge, brs. N. 10° W. and S. 10° E., sloping N. 10° W. Sad- dle in same, brs. N. 10° W., 10 chs. dist. Desc. 150 ft. over NE.
27.75	Bottom of ravine, course N. 15° W. slope. Ascend 165 ft., over NW. slope.
34.61	Spur, slopes N.
40.68	Descend 136 ft. over NE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.
	$\frac{1}{4}$ S 19 S 30 1921
	from which, A juniper, 26 ins. in diam., brs. N. 3 $\frac{1}{2}$ ° W., 148 lks. dist., marked $\frac{1}{4}$ S 19 BT. A fir, 10 ins. in diam., brs. S. 6° E., 67 lks. dist., marked $\frac{1}{4}$ S 30 BT.
43.23	Descend, 105 ft., over NE. slope. Bottom of canyon, course N.
61.90	Ascend 537 ft., over NW. slope. Spur, ridge, brs. N. 10° E. and S. 10° W. sloping N. 10° E. Descend 270 ft., over NE. slope.
64.60	Pack trail, brs. N. 45° W. and S. 45° E.
75.68	Dry bed of Smith Creek in ravine, course N. Ascend 115 ft., over SW. slope, to
80.68	The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering yellow pine, juniper, white oak, ash and maple. Undergrowth, dense scrub oak, black lotus, mesal and cacti. Fair grass.

6.48	N. 0° 3' W., bet. secs. 19 and 20. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 29 ft., over SW. slope.
11.84	Point of spur, slopes W. Descend 187 ft., over NW. slope.
18.53	A juniper, 28 ins. in diam., on line. Mark 2 notches on each of N. and S. faces of this tree. Smith Creek, containing a small stream of water, 2 lks.

56 Subdivision lines of Township 2 South, Range 29 East.

Chains.

wide, 3 ins. deep in bottom of ravine, course N.75°E.
 Ascend 233 ft., over S. slope.
 33.06 Ridge, brs. E. and W. Saddle in same, brs. E. 8 chs. dist.
 Descend 130 ft., over NE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ S19 | S20 \\ 1921 \end{array}$$

 from which,
 A juniper, 30 ins. in diam., brs. N.12°E., 62
 lks. dist., marked $\frac{1}{4}$ S 20 BT.
 A black ash, 8 ins. in diam., brs. S.77°W., 14
 lks. dist., marked $\frac{1}{4}$ S 19 BT.
 Descend 320 ft., over NE. slope.
 62.04 Bottom of ravine, course N.80°E. near head.
 Ascend 197 ft., over SE. slope.
 76.28 Spur, slopes N. 70°E.
 Descend 38 ft., over N. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 17, 18, 19 and 20, marked
 on brass cap,

$$\begin{array}{c} T2S | T29E \\ S18 | S17 \\ S19 | S20 \\ 1921 \end{array}$$

from which,
 A juniper, 8 ins. in diam., brs. N.1°E., 77 lks.
 dist., marked T2S R29E S17 BT.
 A juniper, 18 ins. in diam., brs. S.41°E., 97 lks.
 dist., marked T2S R29E S20 BT.
 A juniper, 26 ins. in diam., brs. S.7 $\frac{1}{2}$ °W., 73 lks.
 dist., marked T2S R29E S19 BT.
 A juniper, 10 ins. in diam., brs. N.4°W., 75 lks.
 dist., marked T2S R29E S18 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, juniper, white and black
 oak, ash, walnut, maple and hickory.
 Undergrowth, dense scrub oak, mescal, catclaw, black
 lotus and cacti.
 Fair grass.

N. 89°58'E., on a random line, bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16,
 17, 20 and 21.
 Thence,
 West, on a true line, bet. secs. 17 and 20.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Descend 100 ft., over W. slope.
 3.30 Smith Creek, containing stream of water, 5 lks. wide, 6
 ins. deep, in bottom of canyon, course N. from SE.
 Ascend 440 ft., over NE. slope.
 16.50 Ridge, brs. N. and S.
 Descend 300 ft., over NW. slope.
 26.20 Bottom of canyon, course N.10°E.
 Ascend 370 ft., over NE. slope, to
 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, supported by a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,

Chains.

$\frac{1}{4}$ S 17
S 20
1921

from which,

- A juniper, 38 ins. in diam., brs. N. $34\frac{1}{2}^{\circ}$ W., 108 lks. dist., marked $\frac{1}{4}$ S 17 BT.
- A juniper, 28 ins. in diam., brs. S. $58\frac{1}{4}^{\circ}$ E., 52 lks. dist., marked $\frac{1}{4}$ S 20 BT.

- Ascend slightly over NE. slope.
- 40.60 Spur, ridge, brs. N. 15° E., and S. 15° W. sloping N. 15° E.
- Descend 350 ft., over NW. slope.
- 61.50 Bottom of Bar-P-Bar canyon, course N. 15° E.
- Ascend 260 ft., over E. slope.
- 77.05 Point of spur, slopes N. 70° E.
- Descend 10 ft., over NW. slope, to
- 80.06 The cor. of secs. 17, 18, 19 and 20.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, scattering yellow pine, juniper, black and white oak and ash.
- Undergrowth, dense scrub oak, mountain mahogany, mescal and cacti.
- Fair grass.

-
- N. $89^{\circ}56'$ W., on a random line, bet. secs. 18 and 19.
 - 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 80.63 Fall 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., hereinbefore described.

- Thence,
- S. $89^{\circ}58'$ E., on a true line, bet. secs. 18 and 19.
- Over mountainous land, thru. scattering timber and dense undergrowth.
- Descend 250 ft., over SE. and E. slopes.
- 11.14 Gulch, course N. 30° E.
- Ascend 36 ft. over NW. slope.
- 12.54 Point of spur, slopes N. 25° W.
- Descend 72 ft., over NE. slope.
- 17.29 Bottom of canyon, containing water in holes, course N. 40° W. In bottom of same canyon at about 30 chs. SE. from this point is Cottonwood Spring, with a trap corral around it.
- Ascend 230 ft., over W. slope.
- 31.66 West fence of trap corral, brs. N. 20° E. and S. 20° W.
- 35.65 Spur ridge, brs. N. 25° W. and S. 25° E. sloping NW.
- Descend 12 ft., over NE. slope to $\frac{1}{4}$ sec. cor.
- 37.23 E. fence of trap corral, 4-strand barb wire, brs. N. 20° W. & S. 20° E.
- 37.33 Pack trail, brs. N. 20° W. and S. 20° E. 1 $\frac{1}{2}$ in. dia., 26 ins. in the
- 40.63 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 18
S 19
1921

from which,

- A pine, 6 ins. in diam., brs. N. 14 lks. dist., marked $\frac{1}{4}$ S 18 BT.
- A juniper, 10 ins. in diam., brs. S. 36° W., 47 lks. dist., marked $\frac{1}{4}$ S 19 BT.

- Descend 14 ft., over NE. slope.
- 45.29 Bottom of canyon, near head, course N. 15° W.
- Ascend 350 ft., over NW. slope.
- 47.05 A juniper, 5 ft. in diam., on line. Mark 2 notches on each of E. and W. faces of this tree.
- 62.69 Ridge, brs. N. 10° E. and S. 10° W.
- Descend 90 ft., over NE. and N. slopes to sec. cor.
- 80.08 A juniper, 24 ins. in diam., on line. Mark 2 notches on each of E. and W. faces of this tree.

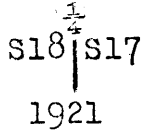
58 Subdivision lines of Township 2 South, Range 29 East.

Chains.

80.63 The cor. of secs. 17, 18, 19 and 20.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak, yellow pine, box elder,
black walnut, cottonwood, sycamore and alder.
Undergrowth, dense scrub oak, mountain mahogany, mesquite,
Spanish dagger and cacti.
Fair grass.

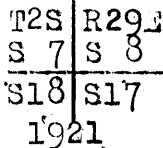
N. 0° 3' W., bet. secs. 17 and 18.
Over mountainous land, thru. scattering timber and dense
undergrowth.

6.43 Descend 193 ft., over NE slope.
Head of gulch, course N. 80° E.
Ascend 170 ft., over SE slope.
22.38 Spur, slopes N. 75° E.
Descend 350 ft., over N. and NE slopes, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,
A juniper, 32 ins. in diam., brs. N. 60° E., 32
lks. dist., marked $\frac{1}{4}$ S 17 BT.
A juniper, 30 ins. in diam., brs. N. 64° W., 24
lks. dist., marked $\frac{1}{4}$ S 18 BT.

41.87 Descend 75 ft., over NE slope.
Bottom of canyon, course N. 80° E. near head.
Ascend 180 ft. over SE slope.
52.80 Spur, slopes N. 70° E.
Descend 450 ft., over N. and NE slopes, to
70.15 Gulch, course N. 80° E.
Descend 81 ft., over NE slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 7, 8, 17 and 18, marked on
brass cap,



from which,
A walnut, 8 ins. in diam., brs. N. 23° E., 30 lks.
dist., marked T2S R29E S8 BT.
A wild cherry, 8 ins. in diam., brs. S. 28 $\frac{1}{2}$ ° E., 10 lks.
dist., marked T2S R29E S17 BT.
A white oak, 8 ins. in diam., brs. S. 15° W., 20 lks.
dist., marked T2S R29E S18 BT.
A juniper, 10 ins. in diam., brs. N. 59 $\frac{1}{2}$ ° W., 67 lks.
dist., marked T2S R29E S7 BT.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, juniper, wild cherry, white
and black oak, maple, walnut, ash, box elder and alder.
Undergrowth, dense scrub oak, mesquite, mountain mahogany,
black lotus, catclaw and cacti.
Fair grass.

40.00 East, on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.

Subdivision lines of Township 2 South, Range 29 East. 59

Chains.

- 79.94 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 8, 9, 16 and 17.
Thence,
N. 89° 56' W., on a true line, bet. secs. 8 and 17.
Over mountainous land, thru scattering timber and dense undergrowth.
Ascend 57 ft., over NE. slope.
- 4.91 Ridge, brs. N. and S. near N. end of same. Small saddle brs. S. 3 chs. dist.
Descend 184 ft., over W. slope.
- 13.42 Gulch, near head, course N. 25° W.
Ascend 132 ft., over NE. slope.
- 23.18 Spur, slopes N. 20° W.
Descend 205 ft., over W. and NW. slopes.
- 32.66 Bottom of canyon, course N. 15° W.
Ascend 255 ft., over NE. slope, to
- 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$$\frac{1}{4} \text{ S } 8$$

$$\frac{1}{4} \text{ S } 17$$
 1921

from which,

- A pine, 10 ins. in diam., brs. N. 67 1/2° E., 50 lks. dist., marked 1/4 S 8 BT.
- A pine, 16 ins. in diam., brs. S. 9 1/2° E., 84 lks. dist., marked 1/4 S 17 BT.

- 44.35 Ascend 70 ft., over NE. slope.
Ridge, brs. N. 10° W. and S. 10° E.
Descend 178 ft., over W. slope.
- 54.03 Gulch, course N. 20° W.
Ascend 160 ft., over NE. slope.
- 63.74 Ridge, brs. N. 40° W. and S. 40° E.
Descend 360 ft., over SW. slope.
- 78.60 Bottom of Bar-F-Bar Canyon, course N. 45° W.
Ascend 12 ft., over NE. slope, to
- 79.94 The cor. of secs. 7, 8, 17 and 18.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, oak, juniper, wild cherry, walnut, ash, alder, box elder and maple.
Undergrowth, dense scrub oak, mescal, black lotus, black brush, mountain mahogany and cacti.
Fair grass.

-
- 40.00 N. 89° 58' W., on a random line, bet. secs. 7 and 18.
Set temp. 1/4 sec. cor.
 - 80.55 Fall 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described.
Thence,
S. 89° 57' E., on a true line, bet. secs. 7 and 18.
Over mountainous land, thru scattering timber and dense undergrowth.
Descend 15 ft., over NE. slope.
Ascend 53 ft., over NW. slope.
 - 1.00 Point of spur, slopes N.
Descend 97 ft., over NE. slope.
 - 13.92 Bottom of canyon, course N. 40° W.
Ascend 265 ft., over SW. slope.
 - 25.17 Ridge, brs. N. 35° W. and S. 35° E.
Pack trail, brs. N. 35° W. and S. 35° E.
Descend 195 ft., over NE. slope.
 - 39.87 Wash, 20 lks. wide in bottom of canyon, course N. 20° W.
Ascend 10 ft., over W. slope, to
 - 40.55 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$$\frac{1}{4} \text{ S } 7$$

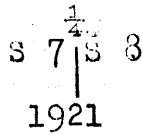
$$\frac{1}{4} \text{ S } 18$$
 1921

60 Subdivision lines of Township 2 South Range 20 East

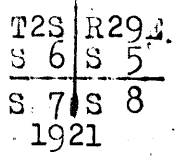
Chains.

from which,
 A juniper, 24 ins. in diam., brs. N. 18° W., 42 lks. dist., marked $\frac{1}{4}$ S 7 BT.
 A white oak, 8 ins. in diam., brs. South, 20 lks. dist., marked $\frac{1}{4}$ S 18 BT.
 Ascend 440 ft., over W. slope.
 59.79 Spur ridge, brs. N. 20° W. and S. 20° E., sloping N. 20° W.
 80.55 Descend 437 ft., over NE. slope, to the cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, white and black oak and wild cherry.
 Undergrowth, dense scrub oak, black lotus, black brush, mountain mahogany and cacti.
 Fair grass.

N. 0° 3' W., bet. secs. 7 and 8.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend 15 ft., over NE. slope.
 1.30 Bottom of Bar-F-Bar Canyon, course N. 20° W. Spring in same brs. 3 chs. N. 20° W. from this point.
 Ascend 48 ft., over SW. slope.
 8.94 Point of spur, slopes W.
 Descend 189 ft., over NW. slope.
 34.53 Bottom of Bar-F-Bar canyon, containing a small stream of water, 3 lks. wide, 4 ins. deep, course N. 10° E.
 Descend 40 ft., over E. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



from which,
 An ash, 10 ins. in diam., brs. N. 58° E., 59 lks. dist., marked $\frac{1}{4}$ S 8 BT.
 An ash, 14 ins. in diam., brs. S. 52° W., 19 lks. dist., marked $\frac{1}{4}$ S 7 BT.
 Ascend 165 ft., over SE. slope.
 61.71 Point of spur, slopes E.
 Descend 335 ft., over NE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,



from which,
 An ash, 10 ins. in diam., brs. N. 59 $\frac{1}{2}$ ° E., 58 $\frac{1}{2}$ lks. dist., marked T2S R29E S5 BT.
 An ash, 18 ins. in diam., brs. S. 76 $\frac{1}{2}$ ° E., 66 lks. dist., marked T2S R29E S8 BT.
 Ascend 214 yellow pine, 4 ins. in diam., brs. S. 9 $\frac{1}{2}$ ° W., 40 lks. dist., marked BT.
 Descend A juniper, 18 ins. in diam., brs. N. 56° W., 63 lks. dist., marked T2S R29E S6 BT.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering yellow pine, juniper, sycamore, oak, walnut, wild cherry, ash, alder, box elder, maple and cottonwood.
 Undergrowth, dense scrub oak, mountain mahogany, black brush, scrub mesquite and cacti. Fair grass.

Subdivision lines of Township 2 South, Range 29 East.

61

Chains.

40.00 S. 89° 56' E., on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 4, 5, 8 and 9.
Thence,
N. 89° 56' W., on a true line, bet. secs. 5 and 8.
Over gently rolling land on N.O. Bar Mesa, thru, scattering timber and undergrowth.
Descend 92 ft., over W. slope, to

14.93 Rim of mesa, brs. NW. and SE. Leave gently rolling land, N.O. Bar Mesa, and scattering undergrowth, and enter mountainous land, and dense undergrowth. Continue thru. scattering timber.
Descend 228 ft., over SW. slope.

24.63 Pack trail, brs. NW. and SE.

29.52 Head of short gulch, course S.
Ascend 30 ft., over SE. slope.

33.50 Spur, slopes S. 45° W.

40.00 Descend 25 ft., over NW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed. rock., supported by a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \hline \text{S } 8 \\ 1921 \end{array}$$

from which,
A juniper, 12 ins. in diam., brs. N. 37 $\frac{1}{2}$ ° W., 43 lks. dist., marked $\frac{1}{4}$ S 5 BT.
A juniper, 12 ins. in diam., brs. S. 51° W., 14 lks. dist., marked $\frac{1}{4}$ S 8 BT.

Descend 190 ft., over NW. slope.

59.98 Trail, brs. N. 30° E. and S. 30° W.

54.68 Head of gully, course NW. Saddle in spur, sloping W. brs. S. about 3 chs. dist.
Ascend 69 ft., over NE. and N. slopes, to

67.62 Point of spur, slopes N. 70° W.

Descend 322 ft., over W. slope.

78.49 Smith Creek, with small stream of water, 5 lks. wide, 8 ins. deep, in bottom of canyon, course N. 45° W.

Ascend 5 ft., over NE. slope, to

80.00 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, juniper, oak, sycamore, black walnut, wild cherry, alder, elder and ash.
Undergrowth, scrub oak, black lotus, mountain mahogany, black brush and cacti, scattering in E. 15 chs.; dense elsewhere.
Fair grass.

40.00 N. 89° 57' W., on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.

80.18 Fall 7 lks. N. of the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
Thence,
East, on a true line, bet. secs. 6 and 7.
Over mountainous land, thru. scattering timber and dense undergrowth.
Descend 141 ft., over NE. slope.

6.37 Bottom of canyon, course N. 45° W.

Ascend 125 ft., over NW. slope.

9.90 Point of spur, slopes N. 30° W.

Descend 135 ft., over NE. slope.

20.35 Bottom of canyon, course N. 80° W.

Ascend 180 ft., over SW. slope.

31.30 Spur, slopes N. 35° W.

Descend 83 ft., over NE. slope.

39.08 Bottom of ravine, course N. 30° W.

Chains.

- 40.18 Ascend 30 ft., over W. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
- $$\begin{array}{r} \frac{1}{4} S 6 \\ S 7 \\ 1921. \end{array}$$
- from which,
A black jack oak, 14 ins., in diam., brs.
N. $23\frac{1}{2}^{\circ}$ W., 120 lks. dist., marked $\frac{1}{4}$ S 6 BT.
A white oak, 6 ins. in diam., brs. S. 22° W., 65 lks.
dist., marked $\frac{1}{4}$ S 7 BT.
- 48.45 Ascend 130 ft., over W. slope.
Spur, slopes N. 20° W.
Descend 222 ft., over NE. slope.
- 60.60 Bottom of canyon, course N. 15° W.
- 67.21 Ascend 240 ft., over W. slope.
Point of spur, slopes N. 40° W.
Descend 275 ft., over NE. slope, to
- 80.18 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering yellow pine, white and black oak, and
wild cherry.
Undergrowth, dense scrub oak, black lotus, black brush,
mountain mahogany and cacti.
Fair grass.
-
- 40.00 N. $0^{\circ}19'$ W., on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.11 Fall 9 lks. W. of the cor. of secs. 5, 6, 31 and 32, on the N.
bdy. of the Tp., which is an iron post, 3 ins. in diam.,
projecting 12 ins. above ground, firmly set, properly
marked on brass cap, and witnessed by four properly
marked bearing trees, as follows:
- A juniper, 20 ins. in diam., N. $73\frac{1}{2}^{\circ}$ E., 128 lks. dist.
A juniper, 24 ins. in diam., S. $73\frac{1}{2}^{\circ}$ E., 210 lks. dist.
A juniper, 30 ins. in diam., S. $56\frac{1}{2}^{\circ}$ W., 165 lks. dist.
A juniper, 8 ins. in diam., N. $7\frac{1}{4}^{\circ}$ W., 182 lks. dist.
- Thence,
S. $0^{\circ}15'$ E., on a true line, bet. secs. 5 and 6.
Over rolling land, thru. scattering timber and undergrowth.
- 20.00 Ascend 110 ft., over NE. slope.
Rim of mesa, brs. NW. and SE. Leave rolling, and enter
nearly level land on the N.O. Bar Mesa.
- 40.11 Ascend 30 ft., over NW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked
on brass cap,
- $$\begin{array}{r} \frac{1}{4} S 6 \\ S 5 \\ 1921 \end{array}$$
- and raise a mound of stone, 4 ft. base, 3 ft. high, W.
of cor.
- Continue over nearly level land, thru. scattering timber
and undergrowth, on the N.O. Bar Mesa.
- 55.42 Rim of mesa, brs. NW. and SE. Leave nearly level land,
and N.O. Bar Mesa, and enter mountainous land.
- 77.62 Descend 586 ft., over SW. slope.
Smith Creek, stream of water, 5 lks. wide, 8 ins. deep, in
bottom of canyon, course N. 45° W.
- 80.11 Ascend 15 ft., over NE. slope, to
The cor. of secs. 5, 6, 7 and 8.
Land, N. 20 chs. rolling. S. 24 chs. mountainous; remainder
nearly level.

Chains.

Soil, rocky, 4th rate.

Timber, scattering juniper, yellow pine, oak, sycamore, ash, alder, box elder, wild cherry, black walnut and cottonwood.

Undergrowth, scattering scrub oak, scrub mesquite, black lotus, black brush and cacti.

Fair grass.

The continued satisfactory adjustment of the transits during the survey of this township is indicated from field tests, as described in Book "J."

GENERAL DESCRIPTION.

This township is high mountainous land, ranging from 5200 to 7900 ft. above sea level, lying within the Apache National Forest Reserve. The northwest corner of the township drains to the northwest; the remainder drains for the most part in an easterly direction. The surface is very rough and mountainous, and is covered with a dense growth of brush, comprising scrub oak, black lotus, mountain mahogany, black brush, scrub mesquite, mescal, Spanish dagger, manzanita, locust, ironwood, catclaw and cacti. Considerable timber of large size grows in this township, particularly along the stream beds, among the varieties of which are yellow pine, white and black oaks, wild cherry, juniper, walnut, cypress, hickory, maple, ash, box elder, alder, sycamore and cottonwood. In general, the soil may be classed as rocky, 4th rate. In this township in secs. 33 and 34 is located H. E. S. No. 226, known as Sutherlin's ranch, and in sec. 13, is H. E. S. No. 488, Catlin's ranch. The N. O. Bar ranch is in sec. 6, and Edgar Laney's ranch is in sec. 10. In sec. 26, there is a deserted goat ranch.

Springs occur in secs. 2, 7, 19, 26, 27, and three in sec. 29. Many of the creeks and canyons carried water, either flowing or in holes, at the time of survey. A road partially built, and still under construction leads nearly thru. the township, and is part of a program connecting Clifton with Springerville. Cattle raising is the chief industry in this township.

66

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 3589

I, Quintin Campbell, U. S. Surveyor, hereby certify upon honor that, in pursuance of special ^{assignment} instructions received from the U. S. Surveyor General, for Group 111, Arizona

bearing date of the 15th day of March, 1922, 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~~ ^{retraced} all those parts or portions of

the boundary of

Forest Homestead Survey No. 488

in secs. 12 and 13

Township 2 South, Range 29 East

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof

the foregoing field notes ~~as~~ ^{and} having been executed by me, and under my direction; and that all the corners of said retracement

~~said survey~~ have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 111, Arizona

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

Place Phoenix Ariz
Date March 31 1922

Quintin Campbell
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 19

The foregoing field notes of the survey of

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

.....
U. S. Surveyor General.

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

.....
U. S. Surveyor General.

BOOK 3589
68

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, ~~Benjamin J. Kinsey, U.S. Transitman~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 111, Arizona, bearing date of the 24th day of August, 19 20, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South boundary, and Subdivision lines of
TOWNSHIP 2 SOUTH, RANGE 29 EAST.

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 111, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place Phoenix, Arizona

Benjamin J. Kinsey
U.S. Transitman.

Date: May 17th 1923.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 19

The foregoing field notes of the survey of

executed by

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

.....
U. S. Surveyor General.

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

.....
U. S. Surveyor General.

BOOK 3589
70

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cad. Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group III, Arizona, bearing date of the 24th day of August, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the West boundary and Subdivision lines of

TOWNSHIP 2 SOUTH, RANGE 29 EAST,

of the Gila and Salt

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

Place Phoenix Arizona
Date June 5 1923

William H. Thorn
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, JUN 7, 1923.

The foregoing field notes of the survey of the South, and West boundaries, and the Subdivision lines of Township 2 South, Range 29 East, and of the Retracement of the Boundary of Forest Homestead Survey No. 488, in secs. 12 and 13, Township 2 South, Range 29 East, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William H. Thorn, U.S. Cad. Engineer, Benjamin J. Kinsey, U.S. Transitman, and Quintin Campbell, U.S. Surveyor, under his special instructions dated Aug. 24, 1920, and Assignment Instructions dated on Nov. 17, 1920 and Mar. 15, 1922, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys ^{and retracement} they describe, are hereby approved.

Frank J. Frost
U. S. Surveyor General.

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

[Signature]
U. S. Surveyor General.