

Duplicate

4027

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4-679  
(April 1933)

Book E

# FIELD NOTES

LOCK 4027

OF THE

Dependent Resurvey of the North Boundary of T. 20 S., R. 31 E., and a  
 portion of the West Boundary of T. 19 S., R. 32 E.; Establishment of  
 corners on a portion of East Boundary, Independent Resurvey of the  
 West Boundary, Survey of the North Boundary and Survey and Independ-  
 ent Resurvey of the Subdivisional Lines of  
 Township 19 South, Range 31 East.

4027

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

Charles E. Hunter, U.S. Transitman,

Under special instructions dated October 25, 1933, which provided  
 for the surveys included under Group No. 182, bearing the approval of the  
 Commissioner of the General Land Office under date of November 10, 1933,  
 and assignment instructions dated January 27, 1934.

Survey commenced February 7, 1934

Survey completed April 27, 1934

4027

BOOK 4027

# INDEX DIAGRAM.

Township 19 South, Range 31 East

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## T. 19 S., R. 31 E.

The surveys and resurveys in T. 19 S., R. 31 E., Gila and Salt River Base and Meridian, were executed with a Gurley solar transit, serial No. 20120, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of  $5\frac{3}{4}$  ins., with two double opposite verniers reading to  $30''$  of arc. The vertical circle has a diameter of  $4\frac{1}{2}$  ins., with one double vernier reading to single minutes. The Telescope has fixed stadia wires with a ratio of 1:132, and with a focal constant of 1.2 links.

The instrument is equipped with the improved Smith solar attachment, the radius of the latitude arc being  $2\frac{1}{2}$  ins., and of the declination arc 3.1 ins., each with vernier readings to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the District Cadastral Engineer for Arizona, on September 30, 1933. I examine all of the instrumental adjustments before making the field tests hereinafter described.

The directions of all lines were determined by solar transit method. The measurements were made with a Lufkin steel tape 5 chs. in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tape was tested by comparison with a Lufkin Standard steel tape and found correct. The measurements were made on the slope. The vertical angle for each interval was ascertained by a clinometer in good adjustment, and the horizontal equivalents of such measurements entered in the field note record.

The data furnished with the special instructions gives the geographic position of the S.E. corner of the township as follows: Latitude  $31^{\circ}43'30''$ N., and longitude  $109^{\circ}07'18''$ W.

February 5, 1934: At station near the corner of secs. 1, 2, 35 and 36, Tps. 19 and 20 S., R. 31 E., at 5h 24m 04s p.m., by my watch which reads correct 105th meridian standard time, having been compared with a Western Union telegraph clock at Lordsburg New Mexico on this date, I make an hour angle observation on Polaris west of the meridian, for azimuth and latitude, two observations each with the telescope in the direct and reverse positions, reading the deflection angles from a reference mark on top of hill in a northerly direction about one-half mile distant, and in the direction N. W. to Polaris.

Mean watch time of observation	5h 24m 04s
Mean horizontal angle, mark to Polaris	$3^{\circ}22'$
Azimuth of Polaris	$0^{\circ}29'$
True bearing of reference mark	N. $2^{\circ}53'$ E

Watch fast of l.m.t.	16m 29s
Mean vertical angle to Polaris	$32^{\circ}41'30''$
Reduced latitude	$31^{\circ}43'56''$

Feb. 6: At 9h 00m a.m., app.t., I set off  $31^{\circ}44'$ N. on the latitude arc;  $15^{\circ}40'$  S. on the declination arc and determine a meridian with the solar which agrees within 1' of the true meridian.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the declination arc is  $15^{\circ}39\frac{1}{2}'$ S. which agrees with the computed declination of the sun.

At 3h 00m p.m., with the latitude arc unchanged, I set off  $15^{\circ}37\frac{1}{2}'$ S. on the declination arc and determine a meridian with the solar which also agrees within 1' of the true meridian.

As all of the solar observations taken during the usual hours of solar work, come within  $1\frac{1}{2}'$  of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	Reestablishment of surveys executed by W. B. Neil, U. S. Deputy Surveyor, in 1884.										
	From the cor. of Tps. 19 and 20 S., Rs. 30 and 31 E., hereinafter described.										
	East, on a random line, on the N. bdy. of sec. 6.										
39.40	Fall 2 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, hereinafter described.										
	Thence, from the $\frac{1}{4}$ sec. cor.										
	East, on a random line, along the N. bdy. of T. 20 S., Rs. 31 and 32 E., searching for original corners without success, and setting temp. sec. and $\frac{1}{4}$ sec. cors. alternately at intervals of 40 chs. and at										
528.24	Fall 4.52 chs. N. of the cor. of secs. 5, 6, 31 and 32, Tps. 19 and 20 S., R. 32 E., which is an unmarked stone, 6 x 10 x 12 ins., set 4 ins. in the ground. Since there were no other stones in that vicinity, and it is plainly evident that this stone had been carried there, and since it was in reasonable agreement with fence corners along line to E., there is no doubt about this stone being the original corner. In place of this stone,										
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, placing the old stone upon which I chiseled a mark X, in the ground along side of post, for cor. of secs. 5, 6, 31 and 32, Tps. 19 and 20 S., R. 32 E., with brass cap marked										
	<table border="0"> <tr><td>T19S</td><td>R32E</td></tr> <tr><td>S31</td><td>S32</td></tr> <tr><td>S6</td><td>S5</td></tr> <tr><td>T20S</td><td></td></tr> <tr><td>1934</td><td></td></tr> </table>	T19S	R32E	S31	S32	S6	S5	T20S		1934	
T19S	R32E										
S31	S32										
S6	S5										
T20S											
1934											
	raise a mound										
	of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of corner.										
	-----										
	From the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, T. 19 S., Rs. 31 and 32 E., hereinafter described.										
	South, on a random line, bet. secs. 31 and 36.										
36.24	Intersect random line run E. from the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, Tps. 19 and 20 S., R. 31 E. Temp. Tp. cor. bears W., 7.17 chs. dist.										
40.00	No trace of the cor. of Tps. 19 and 20 S., Rs. 31 and 32 E.										
80.00	No trace of $\frac{1}{4}$ sec. cor.										
121.23	Fall 13 lks. W. of the cor. of secs. 1, 6, 7 and 12, T. 20 S., Rs. 31 and 32 E., which is an unmarked stake, 3 x 3 x 24 ins., set 12 ins. in the ground in a small mound of stone. This old stake is undoubtedly the original corner, since it is in reasonable agreement with fence corners found on line to south. In place of old stake,										
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old stake set in ground along side of post, for cor. of secs. 1, 6, 7 and 12, with brass cap marked										
	<table border="0"> <tr><td>T20S</td><td></td></tr> <tr><td>R31E</td><td>R32E</td></tr> <tr><td>S1</td><td>S6</td></tr> <tr><td>S12</td><td>S7</td></tr> <tr><td>1934</td><td></td></tr> </table>	T20S		R31E	R32E	S1	S6	S12	S7	1934	
T20S											
R31E	R32E										
S1	S6										
S12	S7										
1934											
	raise a mound										

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. ----- At a point determined by double proportion between the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, Tps. 19 and 20 S., R. 31 E., and the cor. of secs. 5, 6, 31 and 32, Tps. 19 and 20 S., R. 32 E., and between the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, T. 19 S., Rs. 31 and 32 E., and the cor. of secs. 1, 6, 7 and 12, T. 20 S., Rs. 31 and 32 E., Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Tps. 19 and 20 S., Rs. 31 and 32 E., with brass cap marked  <div style="text-align: center;">           T19S            R31E R32E            S36   S31            ---            S1   S6            T20S            1934         </div> <div style="text-align: right;">raise a mound</div> of stone, 3 ft. base, 2 ft. high, S. of cor. Thence N.89°28'W., on true line on N. bdy. of sec. 1. Over nearly level ground, through open grass land. .32 Wire fence, brs. N. and S. 6.40 Small earth reservoir. 35.00 A stone house brs. S. about 1 ch. dist. 37.00 Enter corral. 38.90 Leave corral. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap marked  <div style="text-align: center;"> <math>\frac{1}{4}</math> S 36            -----            1934         </div> <div style="text-align: right;">raise a mound</div> of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. 40.67 Proportional distance, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked  <div style="text-align: center;"> <math>\frac{1}{4}</math> S 1            -----            1934         </div> <div style="text-align: right;">raise a mound</div> of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor. 50.00 Wire fence, brs. N.80°W. and S.80°E. 74.20 Wire fence, brs. NE. and SW. 77.40 Ascend 34 ft. over rocky E. slope. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bedrock, with a stone marked X, deposited at base, and in a mound of stone, 6 ft. base, $2\frac{1}{2}$ ft. high, for cor. of secs. 35 and 36 only, with brass cap marked
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## Resurvey of the north boundary of T. 20 S., R. 31 E.

T19S R31E  
 S35 | S36  
 -----  
 T20S R31E  
 S 1  
 1934

81.34 Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock, with a stone marked X, deposited at base, and in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 1 and 2 only, with brass cap marked

T19S R31E  
 S 35  
 -----  
 S 2 | S 1  
 T20S R31E  
 1934

Land, nearly level.  
 Soil, gravelly loam, 1st rate.  
 No timber.

Thence

N. 89° 28' W., on true line on N. bdy. of sec. 2.

Descend slightly over open rocky SW. slope.

5.00 Thence over level ground.

18.00 Ascend 144 ft. over E. slope.

27.20 Low rocky ridge, brs. NW. and SE.; desc. 80 ft.

35.30 Dry gulch, 20 lks. wide, course S.

38.66 Which point is 40 chs. in departure from the cor. of secs. 35 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 35 only, with brass cap marked

¼ S 35

1934

raise a mound  
 of stone, 2½ ft. base, 1½ ft. high, N. of cor.

40.67 Proportional dist., set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone marked X, deposited at base, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of sec. 2 only, with brass cap marked.

¼ S 2

1934

48.90 Dry wash, 20 lks. wide, course SE.

62.30 Ascend 260 ft. over E. slope.

72.80 Rocky ridge, brs. NW. and SE.; desc. 120 ft. over SW. slope.

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains 78.66	True point for cor. of secs. 34 and 35 comes in ravine, course S.10°E.												
78.96	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for witness cor. of secs. 34 and 35 only, with brass cap marked  <div style="text-align: center;"> <table border="0"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>WC S34</td><td>S35</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>T20S</td><td>R31E</td></tr> <tr><td>S 2</td><td></td></tr> <tr><td>1934</td><td></td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>An oak tree, 12 ins. diam., brs. N.44°30'W., 116 lks. dist., mkd. WC T19S R31E S34 BT.</p> <p>An oak tree, 15 ins. diam., brs. N.23°15'E., 95 lks. dist., mkd. WC T19S R31E S35 BT.</p>	T19S	R31E	WC S34	S35	<hr/>		T20S	R31E	S 2		1934	
T19S	R31E												
WC S34	S35												
<hr/>													
T20S	R31E												
S 2													
1934													
80.10	Wash, 80 lks. wide, course S.												
81.34	Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 2 and 3 only, with brass cap marked  <div style="text-align: center;"> <table border="0"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>S34</td><td></td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S 3</td><td>S 2</td></tr> <tr><td>T20S</td><td>R31E</td></tr> <tr><td>1934</td><td></td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>An oak tree, 16 ins. diam., brs. S.14°15'E., 134 lks. dist., mkd. T 20 S R31E S2 BT.</p> <p>An oak tree, 15 ins. diam., brs. S.49°30'W., 527 lks. dist., mkd. T20S R31E S3 BT.</p> <p>Land, rolling Soil, rocky; 3rd rate. No timber.</p>	T19S	R31E	S34		<hr/>		S 3	S 2	T20S	R31E	1934	
T19S	R31E												
S34													
<hr/>													
S 3	S 2												
T20S	R31E												
1934													
	Thence N.89°28'W., on true line on N. bdy. of sec. 3. Over SE. slope through scattering oaks ascend 722 ft.												
37.32	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of sec. 34 only, with brass cap marked  <div style="text-align: center;"> <table border="0"> <tr><td>¼ S 34</td></tr> <tr><td><hr/></td></tr> <tr><td>1934</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>An oak tree, 20 ins. diam., brs. N.34°30'W., 168 lks. dist., mkd. ¼ S34 BT.</p> <p>An oak tree, 6 ins. diam., brs. N.48°00'E., 213 lks. dist., mkd. ¼ S34 BT.</p>	¼ S 34	<hr/>	1934									
¼ S 34													
<hr/>													
1934													
40.67	Proportional distance, set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone mkd.												

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	X, deposited at base, in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap marked												
	$\frac{1}{4}$ S 3 1934												
45.70	Ridge, brs. N. and S.; desc. 104 ft.												
55.30	Ravine, course SW.; asc. 75 ft.												
65.00	Spur, slopes SW.; desc. 100 ft.												
72.60	Ravine, course SW.; asc. 110 ft.												
77.32	A point 80 chs. in departure from the cor. of secs. 34 and 35.												
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for cor. of secs. 33 and 34 only, with brass cap marked												
	<table style="margin: auto;"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>S33</td><td>S34</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>T20S</td><td>R31E</td></tr> <tr><td>S 3</td><td></td></tr> <tr><td colspan="2">1934</td></tr> </table>	T19S	R31E	S33	S34	<hr/>		T20S	R31E	S 3		1934	
T19S	R31E												
S33	S34												
<hr/>													
T20S	R31E												
S 3													
1934													
81.34	Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft. high, for cor. of secs. 3 and 4 only, with brass cap marked												
	<table style="margin: auto;"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>S33</td><td></td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S4</td><td>S3</td></tr> <tr><td>T20S</td><td>R31E</td></tr> <tr><td colspan="2">1934</td></tr> </table>	T19S	R31E	S33		<hr/>		S4	S3	T20S	R31E	1934	
T19S	R31E												
S33													
<hr/>													
S4	S3												
T20S	R31E												
1934													
	Land, mountainous. Soil, stony; 3rd rate. No timber.												
	Thence												
	N. 89° 28' W., on true line on N. bdy. of sec. 4.												
	Over open grassy E. slope, asc. 15 ft.												
2.00	Ridge, brs. NW. and SE.; desc. 500 ft. over SW. slope.												
22.70	Ravine, course SW.												
24.80	Ravine, course SW.												
31.00	Ravine, course S.; asc. 50 ft.												
35.98	At a point 40 chs. in departure from the cor. of secs. 33 and 34,												
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 33 only, with brass cap marked												
	$\frac{1}{4}$ S 33 1934												
	raise a mound												



## Resurvey of the north boundary of T. 20 S., R. 31 E.

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- Chains of stone, 3 ft. base, 2 ft. high, N. of cor.
- 40.67 Proportional dist., set an iron post, 3 ft. long, 1 in. diam., 8 in. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 4 only, with brass cap marked
- $\frac{1}{4}$  S 4  
 1934
- Descend 140 ft. over gradual SW. slope.
- 67.79 Bend in gulch, brs. S. 30 lks. dist.; asc. slightly over SE. slope.
- 75.98 At a point 80 chs. in departure from the cor. of secs. 33 and 34,
- Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 32 and 33 only, with brass cap marked
- T19S R31E  
 S32 | S33  
 -----  
 T20S R31E  
 S 4  
 1934
- Descend slightly through scattering timber.
- 81.34 Proportional distance for cor. of secs. 4 and 5, comes in edge of wash. At a point 30 lks. dist., S. 89° 28' E., establish witness cor. as follows:
- Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 1 $\frac{1}{2}$  ft. high, for witness cor. of secs. 4 and 5, with brass cap marked
- T19S R31E  
 S32  
 -----  
 T20S R31E  
 WC S5 | S4  
 1934
- from which
- An oak tree, 18 ins. diam., brs. S. 15° 30' E., 134 lks. dist., mkd. WC T20S R31E S4 BT.
- An oak tree, 22 ins. diam., brs. S. 67° 30' W., 111 lks. dist., mkd. WC T20S R31E S5 BT.
- Land, rolling and mountainous.  
 Soil, gravelly; 2nd rate.  
 Timber, a few scattering oak on last 5 chs.
- 
- Thence, from true point for cor.
- N. 89° 28' W., on true line on N. bdy. of sec. 5.
- .20 Wash, 30 lks. wide, course S. 15° E.; thence over general E. slope, through scattering brush, asc. 1370 ft.
- 34.64 At a point 40 chs. in departure from the cor. of secs. 32 and 33,
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 32 only, with brass cap

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	marked												
	$\frac{1}{4}$ S 32 <hr/> 1934												
	from which												
	An oak tree, 8 ins. diam., brs. N. 41° 45' E., 83 lks. dist., mkd. $\frac{1}{4}$ S 32 BT.												
	An oak tree, 5 ins. diam., brs. N. 53° 45' W., 35 lks. dist., mkd. $\frac{1}{4}$ S 32 BT.												
40.67	Proportional distance, set an iron post, 3 ft. long, 1 in. diam., on rock ledge in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 5 only, with brass cap marked												
	$\frac{1}{4}$ S 5 <hr/> 1934												
	from which												
	A cedar tree, 12 ins. diam., brs. S. 12° 00' W., 93 lks. dist., mkd. $\frac{1}{4}$ S 5 BT.												
	An oak tree, 16 ins. diam., brs. S 19° 00' E., 71 lks. dist., mkd. $\frac{1}{4}$ S 5 BT.												
64.00	High rocky hill brs. N. and S.; desc. 100 ft. over NW. slope.												
75.00	Head of ravine, course N.; asc. 75 ft.												
74.64	At a point 80 chs. in departure from the cor. of secs. 32 and 33,  Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of secs. 31 and 32 only, with brass cap marked												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T19S R31E</td> <td></td> </tr> <tr> <td>S31</td> <td>S32</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td>T20S R31E</td> <td></td> </tr> <tr> <td>S 5</td> <td></td> </tr> <tr> <td colspan="2">1934</td> </tr> </table>	T19S R31E		S31	S32	<hr/>		T20S R31E		S 5		1934	
T19S R31E													
S31	S32												
<hr/>													
T20S R31E													
S 5													
1934													
	from which												
	A pinyon tree, 6 ins. diam., brs. N. 53° 15' E., 29 lks. dist., mkd. BT, only.												
	A pinyon tree, 10 ins. diam., brs. N. 55° 45' W., 63 lks. dist., mkd. T19S R31E S31 BT.												
	Descend 80 ft. over rocky W. slope.												
81.34	Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 5 and 6 only, with brass cap marked												
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T19S R31E													
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1934													
	from which												
	A pinyon tree, 8 ins. diam., brs. S. 36° 00' W., 85 lks. dist., mkd. T20S R31E S6 BT.												

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	<p>A pinyon tree, 6 ins. diam., brs. S.68°15'E., 32 lks. dist., mkd. BT, only.</p> <p>This corner is set on N. side of a large granite boulder, 12 x 10 x 10 ft. high, with a small mound of stone on top.</p> <p>Land, mountainous. Soil, gravelly and rocky; 2nd and 4th rate. Timber, oak and pinyon. Undergrowth, manzanita and oak.</p>
	<p>Thence</p> <p>N.89°28'W., on true line on N. bdy. of sec. 6.</p> <p>Over general W. slope, through pinyon timber, desc. 510 ft.</p>
12.60	Ravine, course SW.
19.30	Spur, slopes SW.
24.90	Wire fence, brs. NW. and SE.
30	At a point 40 chs. in departure from the cor. of secs. 31 and 32,
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap marked
	$\frac{1}{4}$ S31 <hr style="width: 50px; margin: auto;"/> 1934
	from which
	An oak tree, 7 ins. diam., brs. N.48°30'W., 48 lks. dist., mkd. $\frac{1}{4}$ S31 BT.
	An oak tree, 8 ins. diam., brs. N.2°00'E., 77 lks. dist., mkd. $\frac{1}{4}$ S31 BT.
36.00	Leave timber, enter open grass land.
39.80	Telephone line, brs. NE. and SW.
40.67	The $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is a stone, 8 x 7 x 5 ins., set 5 ins. in the ground, and mkd. $\frac{1}{4}$ on N. face, witnessed by a mound of stone to N. This corner is now changed to refer to areas to the south only. In place of old stone,
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with old stone cor. set along side, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked
	$\frac{1}{4}$ S 6 <hr style="width: 50px; margin: auto;"/> 1934
	from which
	An oak tree, 18 ins. diam., brs. S.23°45'W., 504 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	An oak tree, 10 ins. diam., brs. S.56°00'E., 366 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	The old mound of stone which was to the north of this cor. was changed to a position to the south.

## Resurvey of the north boundary of T. 20 S., R. 31 E.

Chains	Thence												
	S. 89° 58' W., on true line on N. bdy. of sec. 6.												
	Over open grass land, desc. slightly.												
28.05	Intersect cor. No. 1, of H.E.S. No. 269, which is a limestone, 7 x 5 x 5 ins. above ground, mkd. CC on N. face, and HES 269 on W.												
36.20	Wash, 20 lks. wide, course S.												
39.40	The cor. of Tps. 19 and 20 S., Rs. 30 and 31 E., which is a limestone, 18 x 10 x 8, mkd. with 6 notches on N., S., E., and W. faces, and set 10 ins. in the ground. In place of old stone,												
	Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, placing old stone cor. in the ground along side, for cor. of Tps. 19 and 20 S., Rs. 30 and 31 E., with brass cap marked												
	<table border="0"> <tr><td>T19S</td><td></td></tr> <tr><td>R30E</td><td>R31E</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td><u>S1</u></td><td><u>S6</u></td></tr> <tr><td>T20S</td><td></td></tr> <tr><td>1934</td><td></td></tr> </table>	T19S		R30E	R31E	S36	S31	<u>S1</u>	<u>S6</u>	T20S		1934	
T19S													
R30E	R31E												
S36	S31												
<u>S1</u>	<u>S6</u>												
T20S													
1934													
	raise a mound												
	of stone, 3 ft. base, 2 ft. high, S. of cor.												
	Land, E. half mile mountainous. W. half mile nearly level.												
	Soil, Rocky and gravelly; 4th and 2nd rate.												
	Timber, oak and pinyon.												
	Undergrowth, manzanita and oak.												

## Resurvey of the west boundary of T. 19 S., R. 32 E.

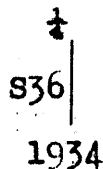
	From the cor. of secs. 13, 18, 19 and 24; T. 19 S., Rs. 31 and 32 E., hereinafter described.
	South, on a random line, on the W. bdy. of sec. 19.
39.89	Fall 26 lks. E. of the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, hereinafter described.
	Thence, from the $\frac{1}{4}$ sec. cor.
	South, on a random line, on the W. bdys. of secs. 19, 30 and 31, searching for original cors. without success and setting temp. sec. and $\frac{1}{4}$ sec. cors. at intervals of 40 chains, and at
162.32	Fall 51 lks. E. of the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinafter described.
	-----
	From the cor. of Tps. 19 and 20 S., Rs. 31 and 32 E., hereinafter described.
	N. 0° 15' W., on true line, on W. bdy. of sec. 31.
	Over level grass land.
.30	Fence corner, brs. E. 20 lks. dist.

Resurvey of the west boundary of T.19 S., R. 32 E.

6387

Chains  
40.00

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 36, R. 31 E., only, with brass cap marked.



raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

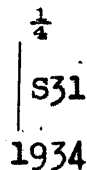
40.20

Fence corner, brs. E. 20 lks. dist.

40.41

The  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, which is an unmarked granite stone, 10 x 5 x 4 ins. above ground. This stone is not far from an old fence corner, and since there were no other stones in that vicinity it is plainly evident that it was carried there, and it is undoubtedly the original corner. As this cor. now refers to sec. 31 only, of R. 32 E.,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the old stone which I mark with a cross X, along side, for  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked



raise a mound

of stone, 3 ft. base, 2 ft. high, E. of cor.

Thence

N.0°11'E., on true line, on W. bdy. of sec. 31.

Continue along W. side of old fence line.

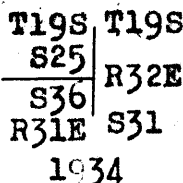
22.20

Draw, course SE.

39.59

A point 80 chs. in latitude from the cor. of Tps. 19 and 20 S., Rs. 31 and 32 E.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25 and 36, only, of R. 31 E., with brass cap marked.

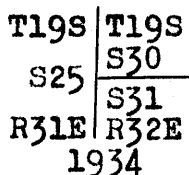


raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

40.58

Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 30 and 31 only, with brass cap marked



raise a mound

of stone, 3 ft. base, 2 ft. high, E. of cor.

## Resurvey of the west boundary of T.19S., R.32 E.

Chains	Land, nearly level. Soil, gravelly loam, 1st rate. No timber; undergrowth, mesquite and cactus.
	Thence N.0°11'E., on true line, on W. bdy. of sec. 30. Over nearly level ground.
4.10	Enter mesquite thicket.
37.00	Leave mesquite thicket.
39.01	A point 40 chs. N. in latitude from the cor. of secs. 25 and 36, R. 31 E., Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25 only, R.31 E., with brass cap marked $\frac{1}{4}$ S25 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
40.58	Proportional dist., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 30 only, with brass cap marked $\frac{1}{4}$ S30 1934 raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
48.80	Shallow wash, course E.
54.00	Leave mesquite, enter open grassland.
79.01	A point 80 chs. N. in latitude from the cor. of secs. 25 and 36, R. 31 E., Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 24 and 25 only, of R. 31 E., with brass cap marked T19S T19S S24 R32E S25 R31E S30 1934 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
81.16	Proportional distance, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19 and 30 only, with brass cap marked T19S T19S R31E S19 S30 S24 R32E raise a mound

## Resurvey of the west boundary of T. 19 S., R. 32 E.

4027

Chains	of stone, 3 ft. base, 2 ft. high, E. of cor.
	Land, nearly level. Soil, gravelly loam; 1st and 2nd rate. No timber; undergrowth, mesquite and cactus.
	<hr/>
	Thence
	N.0°11'E., on true line on W. bdy. of sec. 19.
	Over gradual SE. slope, through scattering brush, ascend 123 ft.
12.00	Enter rocky ground.
37.85	A point 40 chs. N. in latitude from the cor. of secs. 24 and 25, R. 31 E.,
	Set an iron post, 3 ft. long, 1 ins. diam., 20 ins. in the ground to bedrock, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 24 only, R. 31 E., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\   \\ \text{S24} \\   \\ 1934 \end{array}$ <p style="text-align: right;">raise a mound</p>
	of stone, 3 ft. base, 2 ft. high, W. of cor.
40.58	The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a granite rock in place, 5 x 4 x 4 ft. high, mkd. $\frac{1}{4}$ on W. face, with a small mound of stone on top. This cor. now refers to sec. 19 only, R. 32 E.
	Since the old stone cor. is in good condition, it is not replaced by an iron post, but a mound of stone, 3 ft. base, 2 ft. high, is raised E. of cor.
	Thence
	N.0°22'E., on true line on W. bdy. of sec. 19.
4.70	Spur, slopes E.; desc. slightly.
15.70	Ascend 50 ft. over SE. slope.
23.80	Thence, over NE. slope, desc. 50 ft.
37.27	A point 80 chs. N. in latitude from the cor. of secs. 24 and 25, R. 31 E.,
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 13 and 24 only, R. 31 E., with brass cap marked
	$\begin{array}{c} \text{T19S} \\ \text{S13} \\ \hline \text{S24} \\ \text{R31E} \end{array} \quad \begin{array}{c} \text{T19S} \\ \text{R32E} \\ \text{S19} \end{array}$ <p style="text-align: right;">from which</p>
	An oak tree, 10 ins. diam., brs. S.34°45'W., 332 lks. dist., mkd. T19S R31E S24 BT.
39.89	The cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., 12 ins. above ground, with brass cap marked

## Resurvey of the west boundary of T.19 S., R. 32 E.

Chains

T19S	
R31E	R32E
S13	S18
S24	S19
1921	

with a mound

of stone, 3 ft. base, 1½ ft. high, W. of cor.

This cor. now refers to secs. 18 and 19 only, R. 32 E.  
The marks referring to secs. to the W. are obliterated,  
and the brass cap made to read as follows:

T19S	T19S
R31E	S18
S13	S19
	R32E
1921	
1934	

The mound

of stone, 3 ft. base, 1½ ft. high, is moved to position E. of cor.

Land, rolling.

Soil, gravelly and rocky; 2nd and 4th rate.

No timber; undergrowth, mesquite and cactus.

Establishment of corners on the E. boundary of  
T. 19 S., R. 31 E.

Limited retracement indicates that the record of the W. b'dys. of secs. 1, 12 and 13, of R. 32 E., as to course, distance and topography, of the survey thereof by Sidney E. Blout, U.S. C.E., in 1921, is correct. All cors. are as described in the official record.

At a point, 2.55 chs. dist., S.0°12'W. from the ¼ sec. cor. of sec. 18, R. 32 E., which point is 40 chs. from the SE. cor. of sec. 13 of R. 31 E.,

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of sec. 13 only, with brass cap marked

¼
S13
1934

22-----

At a point 1.48 chs. dist., S.0°12'W. from the cor. of secs. 7 and 18, of R. 32 E., which point is 81 chs. from the SE. cor. of sec. 13, of R. 31 E., and 1 ch. dist., N.0°12'E., from the true point for cor. of secs. 12 and 13, the true point being in edge of ravine, establish witness cor. as follows:

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for witness cor. of secs. 12 and 13 only, R. 31 E., with brass cap marked



## Establishment of corners on the E. boundary of

T. 19 S., R. 31 E.

Chains

	T19S	T19S
	S12	
WC	S13	R32E
	R31E	S18
		1934

from which

An oak tree, 5 ins. diam., brs. S.1°30'W., 151 lks. dist.,  
mkd. WC T19S R31E S13 BT.

-----

At a point, 2.38 chs. dist., S. 0°12'W., from the  $\frac{1}{4}$  sec.  
cor. of sec. 7, R. 32 E., which point is 40 chs. from  
the SE. cor. of sec. 12, of R. 31 E.,

Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$   
ft. high, for  $\frac{1}{4}$  sec. cor. of sec. 12 only, with brass  
cap marked

$\frac{1}{4}$	S12
	1934

from which

An oak tree, 10 ins. diam., brs. N.4°45'W., 71 lks. dist.,  
mkd.  $\frac{1}{4}$  S12 BT.

-----

At a point, 2.28 chs. dist., S.0°12'W., from the cor. of  
secs. 6 and 7, of R. 32 E., which point is 80 chs. from  
the SE. cor. of sec. 12, of R. 31 E.,

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$   
ft. long, for cor. of secs. 1 and 12 only, with brass  
cap marked

	T19S	T19S
	S1	
	S12	R32E
	R31E	S7
		1934

from which

An oak tree, 14 ins. diam., brs. S.16°45'W., 284 lks. dist.,  
mkd. T19S R31E S12 BT.

An oak tree, 10 ins. diam., brs. N.51°15'W., 312 lks. dist.,  
mkd. T19S R31E S1 BT.

-----

At a point, 2.21 chs. dist., S.0°12'W., from the  $\frac{1}{4}$  sec. cor.  
of sec. 6, R. 32 E., which point is 40 chs. from the SE.  
cor. of sec. 1, of R. 31 E.,

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bedrock, with a stone mkd. X, deposited at  
base, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$  ft. high, for  
 $\frac{1}{4}$  sec. cor. of sec. 1 only, with brass cap marked

$\frac{1}{4}$	S. 1
	1934

## Independent resurvey of the west boundary of

T.19 S., R. 31 E.

## Chains

The west boundary of T. 19 S., R. 31 E., was surveyed by W. B. Neil, U. S. Deputy Surveyor, in 1884. In 1905 J. P. Walker, U. S. Deputy Surveyor, resurveyed the south two miles of this boundary, in connection with his survey of the Chiricahua Forest Reserve boundary.

From the cor. of Tps. 19 and 20 S., Rs. 30 and 31 E., hereinafter described.

North, on true line, on the W. bdy. of sec. 31.

Over nearly level grass land.

- .09 Intersect Chiricahua boundary post No. 10, a 4 in. iron post, set and mkd. as described in the official record. I destroy this monument.
- 8.00 A windmill, brs. E. about about 2.50 chs. dist.
- 17.27 Intersect cor. No. 7 of H.E.S. No. 269, which is a stone, mkd. and witnessed as described in the official record, 18.78 chs. dist., N. 86° 38' W. from cor. No. 8 of same survey, which is a porphyry stone, 14 x 5 x 6 ins. above ground, mkd. and witnessed as described in the official record, and 16.47 chs. dist., S. 86° 38' E., from cor. No. 6 of same survey, which is a porphyry stone, 12 x 5 x 6 ins. above ground, mkd. and witnessed as described in the official record.
- 18.50 Draw, course SE.; asc. slightly over SW. slope.
- 35.78 At this point which is 40 chs. S. of the cor. of secs. 30 and 31, hereinafter described,
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked
- $\frac{1}{4}$   
 |  
 S31  
 1934
- from which
- An oak tree, 18 ins. diam., brs. N. 48° 30' E., 179 lks. dist., mkd.  $\frac{1}{4}$  S31 BT.
- An oak tree, 24 ins. diam., brs. S. 71° 30' E., 558 lks. dist., mkd.  $\frac{1}{4}$  S31 BT.
- 40.51 The original  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, which is a conglomerate stone, 8 x 8 x 6 ins. above ground, mkd.  $\frac{1}{4}$  on W. face, brs. E. 8 lks. dist. I destroy all evidence of this cor.
- 50.00 Ascend 300 ft. over SW. slope, through scattering undergrowth.
- 69.90 Ridge, brs. NW. and SE.; desc. 80 ft.
- 75.78 At this point, which is west of the cor. of secs. 29, 30, 31 and 32, hereinafter described.
- Set an iron post, 3 ft. long, 2 ins. diam., over a mark X, chiseled on rock ledge, in a mound of stone, 5 ft. base, 2  $\frac{1}{2}$  ft. high, for cor. of secs. 30 and 31 only, with brass cap marked

## Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

4007

Chains	T19S T19S R30E   S30   S31 S36   R31E 1934
	Land, S. 60 chs. nearly level; remainder mountainous. Soil, gravelly loam; 1st rate. N. 20 chs. rocky; 3rd rate No timber; undergrowth, oaks.
	Thence North, on true line, on W. bdy. of sec. 30. Over brushy N. slope, desc. 98 ft.
3.89	Forest boundary post No. 11, brs. W. 2.53 chs. dist., an iron post, 4 ins. diam., set and mkd. as described in the official record. I destroy all evidence of this cor.
4.18	The original cor. of secs. 25, 30, 31 and 36, brs. W. 2.53 chs. dist., a limestone, 10 x 8 x 8 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
6.00	Ravine, course SE.; asc. 261 ft. over S. slope.
15.85	Spur, slopes SE.; desc. 200 ft. over general NE. slope.
26.60	Spur, slopes NE.
36.65	Bottom of gulch, course SE.; asc. 110 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 6 ft. base, 2½ ft. high, for ¼ sec. cor. of sec. 30 only, with brass cap marked
	¼   S30 1934
	from which
	A pinyon tree, 8 ins. diam., brs. S. 31° 30' E., 20 lks. dist., mkd. ¼ S30 BT.
	A juniper tree, 14 ins. diam., brs. N. 11° 30' E., 107 lks. dist., mkd. ¼ S30 BT.
	Asc. 23 ft. over SW. slope.
42.00	Desc. 20 ft. over NW. slope.
44.18	The ¼ sec. cor. of secs. 25 and 30, established by Deputy Walker in 1905, brs. W. 2.60 chs. dist., a conglomerate stone, 12 x 8 x 8 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
49.20	Ravine, course SW.; Ascend over rocky S. slope, 300 ft.
59.00	Top of cliff, brs. NE. and SW.; thence over SE. slope, asc. 224 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base, 1½ ft. high, for cor. of secs. 19 and 30 only, with brass

## Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

Chains marked

T19S	T19S
R30E	S19
S25	S30
	R31E
	1934

from which

A pinyon tree, 9 ins. diam., brs. N. 26°00'E., 89 lks. dist., mkd. T19S R31E S19 BT.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd and 4th rate.

Timber, scattering juniper and pinyon; undergrowth, oak.

Thence

North, on true line, on W. bdy. of sec. 19.

Over rocky SE. slope, through scattering timber and brush, asc. 25 ft.

2.40 Thence over NE. slope, desc. 210 ft.

2.44 Forest boundary post No. 12 brs. W. 2.68 chs. dist., an iron post, 4 ins. in diam., set and marked as described in the official record. I destroy all evidence of this monument.

4.19 The cor. of secs. 19, 24, 25 and 30, established by Deputy Walker in 1905, brs. W. 2.68 chs. dist., a sandstone, 16 x 6 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this corner.

13.50 Ravine, course E.; asc. 140 ft. over SE. slope.

21.70 Spur, slopes SW.; thence along W. slope through dense manzanita brush.

28.50 Ascend 158 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of sec. 19 only, with brass cap marked

¼

S19

1934

from which

A pine tree, 3 ins. diam., brs. N. 13°E., 19 lks. dist., mkd. BT only.

A diligent search failed to reveal any trace of the original ¼ sec. cor. of secs. 19 and 24.

Descend 50 ft. over NW. slope.

49.00 Head of ravine, course SW.; asc. 40 ft.

53.70 Saddle in ridge, brs. E. and W.; thence over NW. slope, desc. 186 ft.

62.20 Ravine, course NE.; asc. 11 ft.

## Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

Chains

66.50 Spur, slopes NE.; desc. 275 ft.  
 75.50 Ravine, course NW.; asc. slightly.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground to bedrock, in a mound of stone, 6 ft. base, 2½ ft. high, for cor. of secs. 18 and 19 only, with brass cap marked

T19S	T19S
R30E	S18
	S19
S24	R31E

from which

A pinyon tree, 10 ins. diam., brs. S.52°00'E., 18 lks. dist., mkd. T19S R31E S19 BT.

A pinyon tree, 10 ins. diam., brs. N.27°30'E., 110 lks. dist., mkd. T19S R31E S18 BT.

A diligent search failed to reveal any trace of the original cor. of secs. 13, 18, 19 and 24.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, pinyon, oak and some pine; undergrowth, manzanita and oak.

Thence

North, on true line, on W. bdy. of sec. 18.

Over general N. slope, through timber and brush, desc. 268 ft.

14.60 Bottom of gulch, 2 chs. wide, course E.; asc. 393 ft.

27.80 Rocky spur, slopes E.; desc. 248 ft.

37.10 Ravine, course E.; 347 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of sec. 18 only, with brass cap marked

¼

S18

1934

from which

A juniper tree, 9 ins. diam., brs. N.31°E., 5 lks. dist., mkd. ¼ S18 BT.

A diligent search failed to reveal any trace of the original ¼ sec. cor. of secs. 13 and 18.

51.00 Spur, slopes E.; desc. 149 ft.

57.10 Ravine, course E.; thence over gradual SE. slope, asc. 248 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 7 and 18 only, with brass cap marked.

Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

Chains

T19S	T19S
R30E	S7
	S18
S13	R31E

from which

A pine tree, 12 ins. diam., brs. N.13°30'E., 141 lks. dist., mkd. T19S-R31E S7 BT.

Raise a mound of stone, 3 ft. base, 1½ ft. high, E. of cor.

A diligent search failed to reveal any trace of the original cor. of secs. 7, 12, 13 and 18.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, oak, pinyon and pine; undergrowth, oak brush.

Thence

North, on true line, on W. bdy. of sec. 7.

Over gradual SE. slope, through timber and brush, asc. 20 ft.

8.70 Thence over NE. slope, desc. 65 ft.

10.60 Ravine, course E.; asc. 250 ft.

18.20 Base of red conglomerate perpendicular cliff facing E., about 120 ft. high.

18.90 Thence over NE. slope, desc. 113 ft.

31.30 Thence over SE. slope, asc. 70 ft.

33.90 Spur, slopes E.; desc. 385 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. of sec. 7 only, with brass cap marked

¼
S7
1934

from which

A mountain mahogany tree, 8 ins. diam., brs. S.27°30'E., 57 lks. dist., mkd. ¼ S7 BT.

An oak tree, 6 ins. diam., brs. N.48°00'E., 12 lks. dist., mkd. ¼ S7 BT.

A diligent search failed to reveal any trace of the original ¼ sec. cor. of secs. 7 and 12.

45.10 Ravine, course E.; asc. 673 ft. over SE. slope.

69.00 Spur, slopes E.; desc. 34 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 5 ft. base, 3 ft. high, for cor. of secs. 6 and 7 only, with brass cap marked

Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

4027

Chains

T19S	T19S
R30E	S6
S12	S7
	R31E
1934	

A diligent search failed to reveal any evidence of the original cor. of secs. 1, 6, 7 and 12.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon, oak and pine; undergrowth, oak and manzanita.

Thence

North, on true line, on W. bdy. of sec. 6.

Along brushy E. slope.

- 1.50 Descend 400 ft. over rocky N. slope.
- 11.50 Bottom of rocky gulch, course E.; asc. over SE. Slope. 420 ft.
- 22.00 Spur, slopes E.; desc. 290 ft.
- 38.00 Ravine, course SE.; asc. 770 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 1/2 ft. high, for 1/4 sec. cor. of sec. 6 only, with brass cap marked

1/4
S6
1934

A diligent search failed to reveal any evidence of the original 1/4 sec. cor. of secs. 1 and 6.

- 63.00 Spur, slopes SE.; thence over general NE. slope through dense undergrowth, desc. 80 ft.
- 82.23 At this point computed to be the same latitude as the cor. of Tps. 18 and 19 S., Rs. 31 and 32 E.,  
Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor. of Tps. 18 and 19 S., R. 31 E., only, with brass cap marked

T18S
R31E
S31
S6
T19S
1934

from which

A spruce tree, 12 ins. diam., brs. S.9°45'E., 154 lks. dist., mkd. T19S R31E S6 BT.

An oak tree, 8 ins. diam., brs. N.4°00'E., 85 lks. dist., mkd. T18S R31E S31 BT.

A diligent search failed to reveal any evidence of the original cor. of Tps. 18 and 19 S., Rs. 30 and 31 E.

## Independent resurvey of the west boundary of

T. 19 S., R. 31 E.

Chains Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak and pinyon; undergrowth, manzanita and oak.

Survey of the north boundary of T. 19 S., R. 31 E.

From the cor. of Tps. 18 and 19 S., R. 31 E., hereinbefore described.

East, on a random line, bet. Tps. 18 and 19 S., R. 31 E.

47.73 Set temp.  $\frac{1}{4}$  sec. cor. for secs. 6 and 31.

Thence

East, on a random line, bet. Tps. 18 and 19 S., R. 31 E., setting temp. sec. and  $\frac{1}{4}$  sec. cor. at intervals of 40 chs., and at

487.83 Fall 29 lks. N. of the cor. of Tps. 18 and 19 S., Rs. 31 and 32 E., which is a granite stone, 14 x 10 x 6 ins. above ground, mkd. and witnessed as described in the official record.

Thence

N. 89° 58' W., on true line bet. secs. 1 and 36.

Over open E. slope, asc. 1010 ft.

26.20 Small saddle on N. slope of rocky hill; desc. 366 ft. over rocky NW. slope,

40.00 True point for  $\frac{1}{4}$  sec. cor. of secs. 1 and 36 comes in bottom of gulch, course NE.; asc. 840 ft. over broken SE. slope, through scattering timber and brush.

42.83 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, with brass cap marked

$$\frac{\frac{1}{4} \text{ S } 36 \text{ WC}}{\text{S } 1}$$

1934

from which

An oak tree, 10 ins. diam., brs. N. 64° 30' E., 76 lks. dist., mkd. WC  $\frac{1}{4}$  S36 BT.

An oak tree, 10 ins. diam., brs. S. 53° 45' E., 83 lks. dist., mkd. WC  $\frac{1}{4}$  S1 BT.

56.00 Ravine, course SE.

73.00 Spur, slopes SE.; thence along, S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

$$\begin{array}{c} \text{T18S R31E} \\ \text{S35 | S36} \\ \hline \text{S2 | S1} \\ \text{T19S} \\ \text{1934} \end{array}$$

from which

An oak tree, 12 ins. diam., brs. N. 28° 15' E., 75 lks. dist., mkd. T18S R31E S36 BT.



## Survey of the north boundary of T. 19 S., R. 31 E.

Chains An oak tree, 14 ins. diam., brs. S.14°E., 48 lks. dist.  
mkd. T19S R31E S1 BT.

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

Land, rough mountainous.  
Soil, rocky and gravelly; 3rd and 4th rate.  
Timber, a few scattering oak; undergrowth, oak brush.

Thence

N.89°58'W., on true line bet. secs. 2 and 35.

Over rocky SE. slope, through scattering timber and brush,  
asc. 645 ft.

29.50 Ridge, brs. N. and S.; desc. 216 ft. over W. slope.

37.50 Draw, course SE.; asc. 47 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 2 ft.  
high, for  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, with brass cap  
marked

$$\frac{1}{4} \begin{array}{l} \text{S } 35 \\ \text{S } 2 \\ 1934 \end{array}$$

from which

A juniper tree, 14 ins. diam., brs. N.34°45'W., 66 lks.  
dist., mkd.  $\frac{1}{4}$  S35 BT.

A pinyon tree, 8 ins. diam., brs. S.33°45'W., 72 lks.  
dist., mkd.  $\frac{1}{4}$  S2 BT.

43.65 Ridge, brs. N. and S.; desc. 834 ft. over broken W. slope.

70.15 Gulch, course S.; asc. 307 ft. over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$   
ft. high, for cor. of secs. 2, 3, 34 and 35, with brass  
cap marked

$$\begin{array}{l} \text{T18S } | \text{ R31E} \\ \text{S34 } | \text{ S35} \\ \hline \text{S3 } | \text{ S2} \\ \text{T19S} \\ 1934 \end{array}$$

from which

An oak tree, 6 ins. diam., brs. N.10°30'E., 126 lks. dist.  
mkd. T18S R31E S35 BT.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, pinyon, oak and juniper; undergrowth, manzanita  
and oak.

Thence

N.89°58'W., on true line, bet. secs. 3 and 34.

Over rocky E. slope, through scattering timber and brush,  
asc. 359 ft.

Survey of the north boundary of T. 19 S., R. 31 E.

Chains  
18.30 Ridge, brs. NE. and S.; desc. 675 ft. over W. slope.  
35.00 Ravine, course SW.; asc. slightly.  
39.70 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for witness ¼ sec. cor. of secs. 3 and 34, with brass cap marked

WC ¼  $\frac{S\ 34}{S\ 3}$   
1934

from which

A juniper tree, 18 ins. diam., brs. N.33°15'E., 44 lks. dist., mkd. WC ¼ S34 BT.

40.00 True point for ¼ sec. cor. falls on sloping surface of rock ledge, 20 ft. high, facing SE.  
42.40 Descend 191 ft. over W. slope.  
48.80 Bottom of gulch, course S.; Asc. 200 ft.  
55.00 Spur, slopes SE.; desc. 100 ft.  
59.00 Ravine, course SE.; asc. 407 ft. over E. slope.  
67.50 Spur, slopes SE.; thence over SE. slope, asc. 80 ft.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T18S R31E  
S33 S34  
S4 S3  
T19S  
1934

from which

A pine tree, 6 ins. diam., brs. N.52°E., 51 lks. dist., mkd. T18S R31E S34 BT.  
A pine tree, 24 ins. diam., brs. S.32°15'E., 71 lks. dist., mkd. T19S R31E S3 BT.  
A pinyon tree, 10 ins. diam., brs. S.26°00'W., 73 lks. dist., mkd. T19S R31E S4 BT.  
An oak tree, 6 ins. diam., brs. N.31°45'W., 73 lks. dist., mkd. T18S R31E S33 BT.  
Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon, oak, juniper and pine.; undergrowth. oak and manzanita.

Thence  
N.89°58'W., on true line bet. secs. 4 and 33.  
Over SE. slope, through scattering timber and dense undergrowth, asc. 693 ft.

Survey of the north boundary of T. 19 S., R. 31 E.

- 8.40 The original cor. of secs. 3, 4, 33 and 34, established by Deputy Walker in 1905, brs. N. 22 lks. dist., a limestone, 12 x 4 by 8 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this old cor.
- 23.10 Saddle in ridge, brs. N.15°E. and S.15°W.; desc. 597 ft. over W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 4 and 33, with brass cap marked  
  

¼	<u>S 33</u>
	S 4
	1934

from which

A pinyon tree, 8 ins. diam., brs. S.35°30'W., 40 lks. dist. mkd. ¼ S4 BT.
- 45.30 Gulch, course S.; asc. 163 ft.
- 54.00 Spur, slopes SW.; desc. 190 ft.
- 63.00 Ravine, course SW.; asc. 140 ft.
- 72.50 Spur, slopes S.; desc. over SW. slope 165 ft.
- 79.85 Ravine, course SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 4, 5, 32 and 33, with brass cap marked  
  

T18S R31E	
S32	S33
S5	S4
T19S	
1934	

Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, scattering pine and oak; undergrowth, manzanita and oak.

Thence

N.89°58'W., on true line bet. secs. 5 and 32.

Over SE. slope, through scattering timber and undergrowth, asc. 241 ft.

- 5.50 Spur, slopes SE.; thence along S. slope.
- 12.50 Spur, Slopes S.; desc. 67 ft.
- 22.35 Ravine, course S.; asc. 239 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 5 and 32, with brass cap marked  
  

¼	<u>S 32</u>
	S 5
	1934

from which

## Survey of the north boundary of T. 19 S., R. 31 E.

Chains	A pine tree, 12 ins. diam., brs. S.40°15'W., 27 lks. dist., mkd. $\frac{1}{4}$ S5 BT.
	A pine tree, 12 ins. diam., brs. N.43°45'W., 126 lks. dist., mkd. $\frac{1}{4}$ S32 BT.
40.70	Saddle in ridge, brs. NE. and SW.; desc. 310 ft. over W. slope.
51.00	Head of ravine, course W.; thence follow along ravine.
59.10	Ravine, course NW. forms junction with ravine from E.; asc. 40 ft.
65.20	Spur, slopes NW.; desc. over NW. slope 520 ft.
74.80	Bottom of Horseshoe Gulch, course SW.; asc. 139 ft. over E. slope.
75.70	Trail and telephone line, br. NE. and SW.;
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T18S R31E	
S31	S32
S6	S5
T19S	
1934	

from which

- A pinyon tree, 8 ins. diam., brs. N.80°30'E., 74 lks. dist., mkd. T18S R31E S32 BT.
- A pinyon tree, 10 ins. diam., brs. S.52°30'E., 57 lks. dist., mkd. T19S R31E S5 BT.
- An oak tree, 12 ins. diam., brs. S.51°00'W., 26 lks. dist., mkd. T19S R31E S6 BT.
- A pinyon tree, 11 ins. diam., brs. N.33°15'W., 57 lks. dist., mkd. T18S R31E S31 BT.

**Land, mountainous.**

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pinyon, oak and pine; undergrowth, manzanita and oak.

**Thence**

N.89°58'W., on true line bet. secs. 6 and 31

Over rocky E. slope, through scattering timber and dense undergrowth, asc. 25 ft.

2.50	Spur, slopes SE.; desc. 60 ft. over SW. slope.
7.00	Ravine, course SE.; asc. 250 ft. over NE. slope.
13.60	Spur, slopes SE.; desc. 100 ft.
18.50	Ravine, course SE; asc. over E. slope 850 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bedrock, in a mound of stone, 4 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of secs. 6 and 31, with brass cap marked

Survey of the north boundary of T. 19 S., R. 31 E.

4027

Chains	
	$\frac{1}{4} \frac{S \ 31}{S \ 6}$ 1934
	from which
	A pinyon tree, 6 ins. diam., brs. S.23°00'W., 61 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	A pinyon tree, 6 ins. diam., brs. N.28°45'E., 48 lks. dist., mkd. $\frac{1}{4}$ S31 BT.
41.00	Spur, slopes SE.; desc. 20 ft. over SW. slope.
49.00	Draw, course SE.; asc. 90 ft., over SE. slope.
58.00	Spur, slopes S.; desc. 546 ft. over broken SW. slope.
77.80	Small rocky spur, slopes S.
84.70	Ravine, course, S.10°E.; asc. 109 ft. over W. slope.
87.83	The cor. of Tps. 18 and 19 S., R. 31 E., hereinbefore described.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattering pine, pinyon and oak; undergrowth, oak and manzanita.

Subdivision of T. 19 S., R. 31 E.

	From the cor. of secs. 35 and 36, on S. bdy. of the Tp., hereinbefore described.
	N.0°09'E., on true line bet. secs. 35 and 36.
	Over rocky SE. slope, through scattering brush, asc. 103 ft.
6.40	Spur, slopes E.; desc. 118 ft. over NE. slope.
15.10	Small wash, course SE.; asc. 40 ft. over gradual SE. slope.
39.35	At this point which is 40 chs. S.0°09'W., from the cor. of secs. 25, 26, 35 and 36, hereinafter described,  Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 35 and 36, with brass cap marked $\frac{1}{4}$
	$S35 \mid S36$ 1934
	Ascend 106 ft. over SE. slope.
45.00	Small wash, course SE.
47.80	Draw, course SE.; thence over SW. slope 324 ft.
61.50	Rocky spur, slopes SE.; thence along, E. slope.
65.90	Thence over general SE. slope, asc. 273 ft.
75.00	Draw, course SE.

## Subdivision of T. 19 S., R. 31 E.

Chains  
79.35

At this point which is 79.76 chs. dist., W. of the cor. of secs. 25 and 36,

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T19S	R31E
S26	S25
S35	S36
1934	

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber; undergrowth, oak brush.

From the cor. of secs. 25 and 36, on E. bdy. of the Tp., hereinbefore described.

West, on true line, on sectional correction line.

Over nearly level ground, through open grass land.

38.10 Wash, course SE.

39.88 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 25 and 36, with brass cap marked

¼	S 25
	S 36
1934	

from which

An oak tree, 16 ins. diam., brs. S.58°30'W., 285 lks. dist., mkd. ¼ S36 BT.

An oak tree, 10 ins. diam., brs. N.63°45'W., 306 lks. dist., mkd. ¼ S25 BT.

Ascend over rocky NE. slope, 664 ft.

77.50 Spur, slopes SE.; thence along S. slope.

79.76 The cor. of secs. 25, 26, 35 and 36.

Land, rough mountainous.  
Soil, E. ½ mile sandy; 3rd rate, W. ½ mile, rocky; 4th rate.  
Timber, oak along gulch bottom, near ¼ cor.; undergrowth, mesquite and oak.

Thence

N.0°09'E., on true line bet. secs. 25 and 26.

Over rocky SE. slope, through scattering brush, asc. 89 ft.

12.30 Spur, slopes SE.; desc. 439 ft. over NE. slope.

28.70 Bottom of gulch, 25 lks. wide, course SE.; thence over broken SE. slope, asc. 109 ft.

## Subdivision of T. 19 S., R. 31 E.

4027

Chains	
31.00	Wash, course SE.
35.70	Small wash, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 25 and 26, with brass cap marked
	¼ S26   S25 1934
	Ascend 655 ft. over S. slope.
58.00	Spur, slopes SE.; desc. 70 ft. over NE. slope.
71.50	Head of draw, course SE.; asc. 290 ft. over SW. slope.
78.50	Spur, slopes E.; desc. 31 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, for cor. of secs. 23, 24, 25 and 26, with brass cap marked
	T19S R31E S23   S24 S26   S25 1934
	from which
	A pinyon tree, 8 ins. diam., brs. N.31°00'W., 28 lks. dist. mkd. T19S R31E S23 BT.
	An oak tree, 8 ins. diam., brs. S.49°45'E., 20 lks. dist. mkd. T19S R31E S25 BT.
	Land, rough mountainous. Soil, rocky; 4th rate. No timber; undergrowth, oak and manzanita.
	<b>Thence</b>
	East, on a random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect E. bdy. of Tp. at the cor. of secs. 24 and 25.
	<b>Thence</b>
	West, on true line, bet. secs. 24 and 25.
	Over open SE. slope, asc. 275 ft.
36.00	Wash, 30 lks. wide, course SE.; thence over NE. slope, asc. 30 ft. through scattering oaks.
39.88	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of secs. 24 and 25, with brass cap marked
	¼ S 24 S 25 1934
	from which

## Subdivision of T. 19 S., R. 31 E.

- Chains An oak tree, 14 ins. diam., brs. N.1°00'E., 40 lks. dist.,  
mkd.  $\frac{1}{4}$  S24 BT.
- An oak tree, 15 ins. diam., brs. S.85°45'E., 40 lks. dist.,  
mkd.  $\frac{1}{4}$  S25 BT.
- Ascend 700 ft. over rocky NE. slope.
- 79.76 The cor. of secs. 23, 24, 25 and 26.
- Land, E.  $\frac{1}{2}$  mile, rolling; W.  $\frac{1}{2}$  mile, rough mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, scattering oak and pinyon; undergrowth, mesquite,  
oak and manzanita.
- 
- Thence
- N.0°09'E., bet. secs. 23 and 24.
- Over rocky NE. slope, through scattering timber and brush,  
desc. 385 ft.
- 9.00 Ravine, course E.; asc. 519 ft. over general SE. slope.
- 17.50 Ravine, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$   
ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 23 and 24, with brass  
cap marked
- $\frac{1}{4}$   
S23 | S24  
1934
- from which
- An oak tree, 10 ins. diam., brs. S.10°00'E., 105 lks. dist.,  
mkd.  $\frac{1}{4}$  S24 BT.
- An oak tree, 22 ins. diam., brs. S.40°00'W., 108 lks. dist.,  
mkd.  $\frac{1}{4}$  S23 BT.
- 40.90 Rocky ridge, brs. SW. and E.; desc. 240 ft. over NE. slope.
- 42.70 Spur, slopes NE.; thence over NW. slope, desc. 506 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the  
ground, for cor. of secs. 13, 14, 23 and 24, with brass  
cap marked
- T19S R31E  
S14 | S13  
S23 | S24  
1934
- from which
- N.61°15'W.,  
An oak tree, 6 ins. diam., brs.  $\wedge$  48 lks. dist., mkd. BT, only.
- An oak tree, 14 ins. diam., brs. S.72°00'E., 87 lks. dist.,  
mkd. T19S R31E S24 BT.
- An oak tree, 10 ins. diam., brs. N.67°00'E., 167 lks. dist.,  
mkd. T19S R31E S13 BT.
- Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, oak and pinyon; undergrowth, manzanita and oak.



## Subdivision of T. 19 S., R. 31 E.

Chains East, on a random line, bet. secs. 13 and 24.

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

79.91 Intersect E. bdy. of the Tp., 9 lks. S. of the cor. of secs. 13 and 24.

Thence

S.89°56'W., on true line bet. secs. 13 and 24.

Over open rocky E. slope, asc. 487 ft.

25.20 Ridge, brs. N.10°E., and S.10°W.; desc. 497 ft. over W. slope, through scattering timber and brush.

39.96 Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of a rock ledge, in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 13 and 24, with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 13 \\ S 24 \\ 1934 \end{array}$$

from which

An oak tree, 18 ins. diam., brs. N.82°30'E., 123 lks. dist., mkd.  $\frac{1}{4}$  S13 BT.

50.40 Bottom of gulch, course N.10°E.; asc. 497 ft. over E. slope.

64.10 Rocky spur, slopes NE.; desc. 370 ft. over NW. slope.

79.91 The cor. of secs. 13, 14, 23 and 24.

Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, scattering oak; undergrowth, manzanita and oak.

N.0°09'E., bet. secs. 13 and 14.

Over NW. slope, through scattering timber and brush, desc. 120 ft.

2.50 Small draw, course NW.

5.00 Wash, course NE.; asc. 20 ft. over SE. slope.

8.00 Trail, brs. NE. and SW.

14.10 Saddle in small spur, brs. NE. and SW.; desc. 286 ft. over N. slope.

31.30 Bottom of Horseshoe Gulch, 40 lks. wide, course NE.; asc. 340 ft. over S. slope.

33.84 Road, brs. E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 13 and 14, with brass cap marked

$$\frac{1}{4} \begin{array}{c} S14 | S13 \\ 1934 \end{array}$$

1934

from which

## Subdivision of T. 19 S., R. 31 E.

Chains	An oak tree, 12 ins. diam., brs. S. 74° 45' W., 173 lks. dist., mkd. $\frac{1}{4}$ S14 BT.
	An oak tree, 12 ins. diam., brs. N. 77° 15' E., 217 lks. dist., mkd. $\frac{1}{4}$ S13 BT.
46.60	Draw, course SW.; thence over SE. slope, asc, 433 ft.
63.20	Draw, course E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 11, 12, 13 and 14, with brass cap marked
	T19S R31E S11   S12 S14   S13 1934
	Land, mountainous. Soil, S. $\frac{1}{4}$ mile, gravelly; 3rd rate; N. $\frac{1}{4}$ mile rocky; 4th rate. Timber, oak and pinyon; undergrowth, manzanita and oak.
	N. 89° 56' E., on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of Tp., 14 lks. N. of true point for cor. of secs. 12 and 13.
	Thence, from true point for cor.
	N. 89° 58' W., on true line bet. secs. 12 and 13.
	Over E. slope, through scattering timber and brush, asc. 309 ft.
7.60	Spur, slopes NE.; desc. 72 ft. over W. slope.
20.00	Saddle in ridge, brs. SE. and NW.; asc. 486 ft. over SE. slope.
31.92	A U. S. Geological BM., elevation 6137 ft. brs. N. 2.12 chs. dist.
32.50	Spur, slopes SW.; desc. over broken W. slope, 823 ft.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 12 and 13, with brass cap marked
	$\frac{1}{4}$ $\frac{S 12}{S 13}$ 1934
55.60	Ravine, course SW.; asc. 374 ft.
70.10	Small spur, slopes S.; desc. 100 ft.
78.90	Draw, course SE.; asc. 10 ft.
80.06	The cor. of secs. 11, 12, 13 and 14.
	Land, rough mountainous. Soil, rocky; 4th rate. Timber, oak and pinyon; undergrowth, manzanita and oak.

## Subdivision of T. 19 S., R. 31 E.

Chains	N.0°09'E., bet. secs. 11 and 12. Over open SE. slope, asc. 485 ft.
13.70	Ridge, brs. NE. and SW; desc. 126 ft. over brushy NW. slope.
20.00	Small draw, course W.; asc. 25 ft.
23.30	Spur, slopes W.; desc. 39 ft.
27.80	Draw, course W.; asc. 68 ft.
33.50	Spur, slopes W.
36.20	Draw, course W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 11 and 12, with brass cap marked $\frac{1}{4}$ S11   S12 1934 from which An oak tree, 12 ins. diam., brs. S.75°45'W., 61 lks. dist., mkd. $\frac{1}{4}$ S11 BT. An oak tree, 5 ins. diam., brs. N.46°45'E., 36 lks. dist., mkd. $\frac{1}{4}$ S12 BT. Ascend 630 ft. over general S. slope.
52.00	Ravine, course SW. slope.
69.00	Top of ascent; junction of spurs sloping to SW. and SE. with ridge from N.; desc. 44 ft. over NW. slope.
73.40	Head of ravine, course SW; asc. 156 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked T19S R31E S2   S1 S11   S12 1934 from which A pinyon tree, 7 ins. diam., brs. S.42°45'E., 45 lks. dist., mkd. T19S R31E S12 BT. A pinyon tree, 9 ins. diam., brs. S.57°45'W., 76 lks. dist., mkd. T19S R31E S11 BT. A pinyon tree, 10 ins. diam., brs. N.33°00'W., 25 lks. dist., mkd. T19S R31E S2 BT. A pinyon tree, 10 ins. diam., brs. N.40°15'E., 35 lks. dist., mkd. T19S R31E S1 BT. Land, mountainous. Soil, rocky and gravelly; 3rd and 4th rate. Timber, pinyon and oak; undergrowth, oak.
	S.89°58'E., on a random line, bet. secs. 1 and 12.

Subdivision of T. 19 S., R. 31 E.

Chains  
40.00

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

80.04

Intersect E. bdy. of Tp. 23 lks. S. of the cor. of secs. 1 and 12.

Thence

S.89°52'W., on true line bet. secs. 1 and 12.

Over gradual E. slope, through scattering oaks, asc. 80 ft.

8.00

Thence, over rocky SE. slope, asc. 1110 ft.

40.02

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 1 and 12, with brass cap marked

$\frac{1}{4}$   $\frac{S 1}{S 12}$   
1934

Ascend 764 ft. over SE. slope.

69.50

Ridge, brs. NE. and W.; continue ascent along ridge.

79.50

Top of ascent; thence over SW. slope, desc. slightly.

80.04

The cor. of secs. 1, 2, 11 and 12.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, scattering pinyon and oak; undergrowth, manzanita and oak.

N.0°09'E., on a random line, bet. secs. 1 and 2.

40.00

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

82.28

Intersect N. bdy. of Tp. 12 lks. W. of the cor. of secs. 1, 2, 35 and 36.

Thence

S.0°14'W., on true line bet. secs. 1 and 2.

Over open SE. slope, desc. 215 ft.

6.30

Ravine, course E.; asc. 165 ft.

13.30

Spur, slopes E.; desc. 50 ft.

19.00

Ravine, course E.; asc. over rocky NE. slope, 450 ft.

29.00

Ridge, brs. E. and W.; desc. 158 ft. over SE. slope.

42.28

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, with brass cap marked

$\frac{1}{4}$   
S 2 | S 1  
1934

Descend 177 ft. over SE. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains 47.50	Ravine, course SE.; Thence over general NE. slope, asc. 525 ft.
81.40	High point on ridge, brs. NW. and SE.; desc. over S. slope, 12 ft.
82.28	The cor. of secs. 1, 2, 11 and 12.  Land, rough mountainous. Soil, rocky and gravelly; 3rd and 4th rate. Timber, scattering pinyon and oak; undergrowth, manzanita and oak.
Thence from the true point for cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described.	
N.0°09'E., bet. secs. 34 and 35.	
Along bottom of ravine, through scattering oaks, asc. 50 ft.	
1.00	Leave ravine, course from NW. to S.
2.00	Same ravine, course SW.
10.00	Same ravine, course SE.; asc. 210 ft. over SW. slope.
24.20	Spur, slopes SE.; desc. 34 ft.
29.20	Thence over S. slope, asc. 390 ft.
38.42	A point 40 chs. dist., S.0°09'W., from the cor. of secs. 26, 27, 34 and 35, hereinafter described,  Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 34 and 35, with brass cap marked  ‡  S34 S35  1934  from which
45.90	An oak tree, 10 ins. diam., brs. N.80°30'W., 34 lks. dist. mkd. ‡ S34 BT. Rocky spur, slopes SE.; thence along SE. slope, asc. 325 ft.
62.70	Top of ascent; desc. 173 ft. over NE. slope.
72.00	Head of ravine, course SE.; asc. 181 ft. over SE. slope.
78.42	A point which is 79.85 chs. W. of the cor. of secs. 25, 26, 35 and 36,  Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. below surface in crevice between granite boulders, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2½ ft. high, for cor. of secs. 26, 27, 34 and 35, with brass cap marked  T19S R31E S27 S26 S34 S35 1934
Land, rough mountainous.	

## Subdivision of T. 19 S., R. 31 E.

Chains	Soil, rocky; 4th rate. A few scattering oak; undergrowth oak and manzanita.
	From the cor. of secs. 25, 26, 35 and 36, hereinbefore described. West, on sectional correction line, bet. secs. 26 and 35. Over open E. slope, asc. 241 ft.
11.90	Ridge, brs. N. and S.; desc. 385 ft. over W. slope.
27.80	Ravine, course SW.; asc. 167 ft. over E. slope.
35.70	Small spur, slopes S.; desc. 100 ft. over SW. slope.
38.00	Thence over gradual SE. slope, asc. 30 ft.
39.92	Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 26 and 35, with brass cap marked
	$\frac{1}{4} \begin{array}{r} S 26 \\ S 35 \\ 1934 \end{array}$
	from which
	An oak tree, 16 ins. diam., brs. N. 36° 45' W., 117 lks. dist. mkd. ¼ S26 BT.
	An oak tree, 12 ins. diam., brs. S. 20° 15' W., 203 lks. dist. mkd. ¼ S35 BT.
	Ascend 124 ft. over E. slope.
46.00	Rocky point, slopes SE.; thence over SW. slope, desc. 86 ft.
52.60	Ravine, course SE.; asc. 208 ft. over NE. slope.
61.10	Spur, slopes SE.; desc. 136 ft. over SW. slope.
71.00	Ravine, course SE.; asc. 400 ft. over E. slope.
79.85	The cor. of secs. 26, 27, 34 and 35. Land, rough mountainous. Soil, rocky; 4th rate. Timber, a few scattering oak and pinyon; undergrowth, oak and manzanita.
	N. 0° 09' E., bet. secs. 26 and 27. Over rocky NE. slope, through scattering timber and brush, desc. 74 ft.
9.20	Ravine, course SE.; asc. 252 ft. over SE. slope.
15.80	Spur, slopes SE.; desc. over NE. slope 122 ft.
23.30	Ravine, course SE.; asc. over SE. slope 328 ft.
40.00	Set an iron post, 3 ft. long, 1 ins. diam., 28 ins. in the ground, for ¼ sec. cor. of secs. 26 and 27, with brass cap marked

## Subdivision of T. 19 S., R. 31 E.

Chains	
	$\frac{1}{4}$ S27   S26 1934 from which An oak tree, 8 ins. diam., brs. N.9°00'W., 141 lks. dist., mkd. $\frac{1}{4}$ S27 BT. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. 43.20 Ridge, brs. E. and W.; desc. 188 ft. over NW. slope. 50.60 Ravine, course W.; asc. 422 ft. over SW. slope. 71.50 Spur, slopes SW.; desc. 125 ft. over NW. slope. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground in a small mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap marked <div style="text-align: center;">             T19S R31E              S22   S23              S27   S26              1934              from which              An oak tree, 10 ins. diam., brs. N.63°00'W., 87 lks. dist.,              mkd. T19S R31E S22 BT.              An oak tree, 11 ins. diam., brs. S.48°15'W., 44 lks. dist.,              mkd. T19S R31E S27 BT.              A juniper tree, 22 ins. diam., brs. N.44°30'E., 38 lks.              dist., mkd. T19S R31E S23 BT.              An oak tree, 10 ins. diam., brs. S.18°00'E., 45 lks. dist.,              mkd. T19S R31E S26 BT.              Land, mountainous.              Soil, gravelly and rocky; 3rd and 4th rate.              Timber, a few scattering pinyon, juniper and oak, under-              growth, manzanita and oak.           </div>
40.00	East, on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence N.89°57'W., on true line bet. secs. 23 and 26. Over rocky E. slope, through scattering brush, asc. 148 ft.
4.60	Thence over NE. slope, asc. 60 ft.
15.00	Saddle in ridge, brs. N. and S.; desc. over W. slope, 466 ft.
37.90	Ravine, course S.10°E.; asc. 95 ft.
39.89	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 23 and 26, with brass

## Subdivision of T. 19 S., R. 31 E.

Chains	cap marked
	$\frac{1}{4} \begin{array}{r} S 23 \\ S 26 \\ 1934 \end{array}$
	from which
	An oak tree, 8 ins. diam., brs. S. 19° 30' E., 72 lks. dist., mkd. $\frac{1}{4}$ S26 BT.
	An oak tree, 12 ins. diam., brs. N. 24° 00' E., 179 lks. dist., mkd. $\frac{1}{4}$ S23 BT.
	Ascend 677 ft. over SE. slope.
56.90	Draw, course SE.
64.30	Ridge, brs. N. and S.; desc. 266 ft. over general W. slope.
79.78	The cor. of secs. 22, 23, 26 and 27.
	Land, rough mountainous. Soil, rocky; 4th rate. Timber, a few scattering oak, juniper and pinyon; undergrowth, oak and manzanita.
	N. 0° 09' E., bet. secs. 22 and 23.
	Over NW. slope, through scattering timber and brush, desc. 25 ft.
.65	Ravine, course SW; asc. over S. slope, 205 ft.
8.00	Ridge, brs. SW. and NE.; desc. 58 ft. over NW. slope.
15.00	Thence over SW. slope, asc. 72 ft.
19.30	Spur, slopes W.; desc. over NW. slope, 400 ft.
32.00	Ravine, course NW.; asc. slightly.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of secs. 22 and 23, with brass cap marked
	$\frac{1}{4} \begin{array}{r} S22   S23 \\ 1934 \end{array}$
	from which
	A juniper tree, 30 ins. diam., brs. S. 8° 45' W., 79 lks. dist., mkd. $\frac{1}{4}$ S22 BT.
	An oak tree, 18 ins. diam., brs. N. 59° 15' E., 85 lks. dist., mkd. $\frac{1}{4}$ S23 BT.
42.50	Spur, slopes NW.; desc. over general NW. slope, 408 ft.
66.70	Draw, course NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 6 ft. base, 3 ft. high, for cor. of secs. 14, 15, 22 and 23, with brass cap marked



## Subdivision of T. 19 S., R. 31 E.

Chains	T19S R31E S15   S14 322   S23 1934
	from which
	A juniper tree, 12 ins. diam., brs. N.73°15'W., 71 lks. dist., mkd. T19S R31E S15 BT.
	An oak tree, 12 ins. diam., brs. S.38°00'W., 118 lks. dist., mkd. T19S R31E S22 BT.
	An oak tree, 10 ins. diam., brs. N.85°00'E., 49 lks. dist., mkd. T19S R31E S14 BT.
	A juniper tree, 10 ins. diam., brs. S.76°00'E., 124 lks. dist., mkd. T19S R31E S23 BT.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate; undergrowth, manzanita and oak.
	S.89°57'E., on a random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.74	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 13, 14, 23, and 24.
	Thence
	N.89°58'W., on true line bet. secs. 14 and 23.
	Over NW. slope, through scattering timber and brush, desc., 10 ft.
2.90	Ravine, course NE.; asc. 400 ft. over E. slope.
23.70	Saddle in ridge, brs. NE. and SW.; desc. 350 ft. over general W. slope.
36.80	Ravine, course NW.
39.87	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 14 and 23, with brass cap marked
	$\frac{1}{4}$ $\frac{S 14}{S 23}$ 1934
	from which
	An oak tree, 10 ins. diam., brs. N.33°00'E., 93 lks. dist., mkd. $\frac{1}{4}$ S14 BT.
	An oak tree, 8 ins. diam., brs. S.66°00'E., 72 lks. dist., mkd. $\frac{1}{4}$ S23 BT.
40.75	Ravine, course N.; asc. 720 ft. over NE. slope.
61.80	Ridge, brs. NE. and SW.; desc. 332 ft. over NW. slope.
70.50	Draw, course NW.
79.74	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous. Soil, rocky; 3rd and 4th rate. Timber, oak; undergrowth, oak and manzanita.

## Subdivision of T. 19 S., R. 31 E.

- Chains N.0°09'E., bet. secs. 14 and 15.  
Over NW. slope, through scattering timber and brush, desc. 40 ft.
- 2.60 Wash, course NE.; asc. 170 ft. over SE. slope.
- 16.00 Rocky spur, slopes, NE.; desc. 760 ft. over N. slope.
- 31.23 Intersect line 1-2 of H.E.S. No. 520;  
From this point, cor. No. 1 of this survey, brs. N.54°54'E., 6.90 chs. dist., a granite stone, 12 x 8 x 10 ins. above ground, mkd. and witnessed as described in the official record.  
From same point, cor. No. 2 of this survey, brs. S.54°54'W., 77.95 chs. dist., a granite stone, 16 x 14 x 12 ins. above ground, mkd. and witnessed as described in the official record.
- 37.70 Road, brs. E. and W.
- 39.66 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for witness ¼ sec. cor. of secs. 14 and 15, with brass cap marked
- |           |
|-----------|
| ¼         |
| W C       |
| S15   S14 |
| 1934      |
- from which
- An oak tree, 8 ins. diam., brs. S.24°30'W., 71 lks. dist., mkd. WC ¼ S15 BT.
- An oak tree, 14 ins. diam., brs. N.47°00'E., 73 lks. dist., mkd. WC ¼ S14 BT.
- 40.00 True point for ¼ sec. cor. comes in bottom of Horseshoe gulch, course NE., bed 30 lks. wide; thence over level ground.
- 43.80 Leave bottom, asc. over general S. slope, 784 ft.
- 46.52 Intersect line 12-13 of H.E.S. No. 520;  
From this point, cor. No. 13 of this survey, brs. S.82°24'E., 6.12 chs. dist., a granite stone in place, 60 x 40 x 36 ins. above ground, mkd. and witnessed as described in the official record.  
From same point, cor. No. 12 of this survey, brs. N.82°24'W., 33.17 chs. dist., a rhyolite stone, 10 x 10 x 10 ins. above ground, mkd. and witnessed as described in the official record.
- 60.40 Small draw, course SW.
- 72.80 Spur, slopes SE.; thence along E. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T19S R31E
S10   S11
S15   S14
1934

from which

## Subdivision of T. 19 S., R. 31 E.

Chains	<p>An oak tree, 16 ins. diam., brs. S.10°45'W., 114 lks. dist., mkd. T19S R31E S15 BT.</p> <p>An oak tree, 20 ins. diam., brs. N.22°00'E., 188 lks. dist., mkd. T19S R31E S11 BT.</p> <p>Land, mountainous. Soil, gravelly and rocky; 2nd to 4th rate. Timber, oak and pinyon; undergrowth, oak.</p>
	S.89°58'E., on a random line, bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	West, on true line, bet. secs. 11 and 14.
	Over open SE. slope, asc. 142 ft.
6.30	Spur, slopes S.; desc. over general W. slope, 800 ft.
37.50	Ravine, course SW.; asc. slightly.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 6 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 11 and 14, with brass cap marked
	$\frac{1}{4} \frac{S 11}{S 14}$ <p style="text-align: right;">1934</p> <p style="text-align: right;">from which</p>
	An oak tree, 8 ins. diam., brs. S.17°30'W., 24 lks. dist., mkd. $\frac{1}{4}$ S14 BT.
	Descend 60 ft. over W. slope, through scattering timber and brush.
46.30	Road, brs. N. and S.
47.80	Ravine, course S.
50.00	Wash, course S.; asc. 760 ft. over general E. slope.
79.90	The cor. of secs. 10, 11, 14 and 15.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, oak in gulch bottoms.
	N.0°09'E., bet. secs. 10 and 11.
	Over general SE. slope, through scattering timber and brush, asc. 140 ft.
10.40	Head of ravine, course E.
18.70	Spur, slopes NE.; desc. 500 ft. over NE. slope.
29.50	Ravine, course NE.; asc. slightly over SE. slope.
37.40	Rocky spur, slopes NE.; desc. 136 ft.

## Subdivision of T. 19 S., R. 31 E.

## Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 10 and 11, with brass cap marked
- $\frac{1}{4}$
- S10 | S11
- 1934
- from which
- An oak tree, 10 ins. diam., brs. N.3°00'W., 84 lks. dist., mkd.  $\frac{1}{4}$  S10 BT.
- An oak tree, 6 ins. diam., brs. S.51°45'E., 20 lks. dist., mkd.  $\frac{1}{4}$  S11 BT.
- Descend 76 ft. over N. slope.
- 41.63 Trail, brs. W. and SE.
- 42.70 Bottom of gulch, course SW.; asc. over general S. slope, 636 ft.
- 53.60 Draw, course SW.
- 61.70 Spur, slopes SW.; desc. 176 ft.
- 68.00 Ravine, course SW.; asc. 160 ft.
- 71.10 Spur, slopes SW.; desc. 150 ft.
- 76.30 Ravine, course SW.; asc. 85 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$  ft. high, for cor. of secs. 2, 3, 10 and 11, with brass cap marked
- T19S R31E
- S3 | S2
- S10 | S11
- 1934
- from which
- An oak tree, 8 ins. diam., brs. N.76°00'E., 165 lks. dist., mkd. T19S R31E S2 BT.
- An oak tree, 10 ins. diam., brs. S.61°00'E., 231 lks. dist., mkd. T19S R31E S11 BT.
- An oak tree, 12 ins. diam., brs. S.69°30'W., 275 lks. dist., mkd. T19S R31E S10 BT.
- Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak and pinyon; undergrowth. oak brush.
- 
- East, on a random line, bet. secs. 2 and 11.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.80 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 1, 2, 11 and 12.
- Thence
- N.89°53'W., on true line bet. secs. 2 and 11.

## Subdivision of T. 19 S., R. 31 E.

Chains	Over gradual SW. slope, through scattering brush, desc. 85 ft.
5.00	Rim of cliff, brs. NW. and SE.; thence over general W. slope, desc. 816 ft.
29.40	Ravine, course SW.; asc. 40 ft.
32.70	Spur, slopes SW.; desc. 60 ft.
35.70	Ravine, course SW.; asc. 120 ft.
39.90	Set an iron post, 3 ft. long, 1 in. diam., on rock surface in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 2 and 11, with brass cap marked
	$\frac{1}{4} \begin{array}{r} S 2 \\ S 11 \\ 1934 \end{array}$
	from which
	An oak tree, 12 ins. diam., brs. N.12°30'E., 274 lks. dist., mkd. ¼ S2 BT.
	Desc. 188 ft. over SW. slope.
45.10	Ravine, course S.; asc. over general SE. slope, 408 ft.
60.90	Ravine, course SE.
66.50	Ridge, brs. NE. and SW.; desc. 527 ft. over general W. slope.
79.80	The cor. of secs. 2, 3, 10 and 11.
	Land, rough mountainous. Soil, rocky; 4th rate. Timber, a few scattering oak and pinyon; undergrowth, oak.

	N.0°14'E., on a random line, bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
82.34	Intersect N. bdy. of Tp., 25 lks. E. of the cor. of secs. 2, 3, 34 and 35.
	Thence
	S.0°03'W., on true line bet. secs. 2 and 3.
	Over SE. slope, through scattering timber and brush.
9.20	Ravine, course SE.; asc. 200 ft. over general NE. slope.
26.80	Spur, slopes E.; desc. 575 ft. over general S. slope.
42.34	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for ¼ sec. cor. of secs. 2 and 3, with brass cap marked
	$\frac{1}{4} \begin{array}{r} S3   S2 \\ 1934 \end{array}$
	from which
	An oak tree, 15 ins. diam., brs. S.11°45'E., 91 lks. dist.,

## Subdivision of T. 19 S., R. 31 E.

Chains	<p>mkd. <math>\frac{1}{4}</math> S2 BT.</p> <p>An oak tree, 9 ins. diam., brs. S.22°45'W., 99 lks. dist., mkd. <math>\frac{1}{4}</math> S3 BT.</p> <p>Descend 175 ft. over S. slope.</p>
47.70	Bottom of gulch, 20 lks. wide, course SW.; asc. 179 ft.
52.20	Spur, slopes NW.; desc. 80 ft.
56.00	Draw, course NW.; asc. 205 ft. over N. slope.
63.00	Spur, slopes SW.; desc. over S. slope, 313 ft.
71.40	Ravine, course SW.; asc. 60 ft.
79.60	Rocky point, slopes SW.; thence over S. slope, desc. 125 ft.
82.34	<p>The cor. of secs. 2, 3, 10 and 11.</p> <p>Land, rough mountainous. Soil, rocky; 4th rate. Timber, oak and pinyon; undergrowth, oak.</p>
	<p>Thence from the cor. of secs. 33 and 34, on S. bdy. of Tp., hereinbefore described.</p> <p>N.0°08'E., bet. secs. 33 and 34.</p> <p>Over open S. slope, asc. 514 ft.</p>
22.00	Ridge, brs. SW. and E.; desc. 379 ft. over brushy NW. slope.
30.70	Ravine, course NW.
37.72	<p>A point, 40 chs. dist., S.0°08'W., from the cor. of secs. 27, 28, 33 and 34, hereinafter described;</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2<math>\frac{1}{2}</math> ft. high, for <math>\frac{1}{4}</math> sec. cor. of secs. 33 and 34, with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S33   S34</p> <p style="text-align: center;">1934</p> <p style="text-align: right;">from which</p>
	<p>An oak tree, 12 ins. diam., brs. S.41°00'E., 53 lks. dist., mkd. <math>\frac{1}{4}</math> S34 BT.</p> <p>An oak tree, 10 ins. diam., brs. N.64°15'W., 103 lks. dist., mkd. <math>\frac{1}{4}</math> S33 BT.</p> <p>Descend 137 ft. over NW. slope.</p>
65.00	Ravine, course SW.; asc. 300 ft. over S. slope.
77.72	<p>A point 80.06 chs. dist. W. of the cor. of secs. 26, 27, 34 and 35,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 27, 28, 33 and 34, with brass cap marked</p>

## Subdivision of T. 19 S., R. 31 E.

Chains	T19S R31E S28   S27 S33   S34 1934
	from which
	An oak tree, 8 ins. diam., brs. S.31°30'E., 129 lks. dist., mkd. T19S R31E S34 BT.
	An oak tree, 9 ins. diam., brs. S.33°15'W., 207 lks. dist., mkd. T19S R31E S33 BT.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, a few scattering pinyon and oak; undergrowth, oak.
	Thence from the cor. of secs. 26, 27, 34 and 35, hereinbefore described.
	West, on sectional correction line, bet. secs. 27 and 34.
	Over SE. slope, through scattering pinyons, asc. 258 ft.
8.80	Spur, slopes S.10°E.; desc. 323 ft.
19.00	Ravine, course SW.; asc. 197 ft.
25.70	Spur, slopes SE.; desc. 100 ft.
30.00	Ravine, course S.; asc. 40 ft.
33.10	Spur, slopes S.; desc. 115 ft.
37.20	Ravine, course SW.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high; for $\frac{1}{4}$ sec. cor. of secs. 27 and 34, with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 27}{S\ 34}$ 1934
	Ascend 285 ft. over SE. slope.
44.65	Ravine, course SE.
52.60	Ridge, brs. N. and S.; desc. 139 ft.
57.20	Thence over SE. slope, asc. 20 ft.
64.60	Spur, slopes SW.; desc. 170 ft.
66.65	Ravine, course SW.; asc. 52 ft.
80.06	The cor. of secs. 27, 28, 33 and 34.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, a few scattering pinyon.
	N.0°08'E., bet. secs. 27 and 28.
	Over open S. slope, asc. 110 ft.
3.20	Spur, slopes SW.; thence along W. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains	
8.60	Spur, slopes NW.; thence over NE. slope, desc. 316 ft.
22.00	Ravine, course NW.; asc. 10 ft.
22.60	Spur, slopes W.
23.70	Ravine, course W.; asc. 121 ft.
28.20	Spur, slopes SW.; desc. 150 ft.
34.45	Gulch, 30 lks. wide, course W.; asc. 80 ft.
38.00	Draw, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam.; 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 27 and 28, with brass cap marked
	$\frac{1}{4}$ S28   S27 1934
	from which
	An oak tree, 20 ins. diam., brs. S.50°45'E., 156 lks. dist., mkd. $\frac{1}{4}$ S27 BT.
	An oak tree, 10 ins. diam., brs. S.3°45'W., 362 lks. dist., mkd. $\frac{1}{4}$ S28 BT.
	Ascend 93 ft. over S. slope.
48.70	Wire fence, brs. NE. and SW.; spur, slopes SW.; desc. 38 ft.
53.65	Ravine, course W.; asc. 240 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, for cor. of secs. 21, 22, 27 and 28, with brass cap marked
	T19S R31E S21   S22 S28   S27 1934
	from which
	An oak tree, 24 ins. diam., brs. S.23°30'W., 501 lks. dist., mkd. T19S R31E S28 BT.
	An oak tree, 8 ins. diam., brs. N.25°30'W., 163 lks. dist., mkd. T19S R31E S21 BT.
	Land, mountainous. Soil, gravelly; 3rd rate. Timber, a few scattering oak; undergrowth, soap weed and oak.
	East, on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence



## Subdivision of T. 19 S., R. 31 E.

Chains	S.89°56'W., on true line bet. secs. 22 and 27.
	Over NW. slope, through scattering timber, desc. 20 ft.
3.00	Ravine, course SW.; asc. 120 ft. over SE. slope.
15.10	Ridge, brs. NE. and SW.; thence over NE. slope, asc. 125 ft.
22.70	Top of ascent; cross spur from same ridge, projecting NE. and SW.; desc. 299 ft. over W. slope.
37.20	Head of ravine, course NW.; asc. 234 ft. over NE. slope.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 22 and 27, with brass cap marked
	$\frac{1}{4} \begin{array}{l} S 22 \\ S 27 \\ 1934 \end{array}$
	from which
	A cedar tree, 16 ins. diam., brs. N.17°15'E., 229 lks. dist., mkd. ¼ S22 BT.
41.50	Top of ascent; pk. of red hill brs. S. 5 chs. dist.; desc. 460 ft. over general W. slope.
80.08	The cor. of secs. 21, 22, 27 and 28.
	Land, mountainous. Soil, clay loam and gravel; 3rd rate. Timber, a few scattering juniper and pinyon.
<hr/>	
	N.0°08'E., bet. secs. 21 and 22.
	Over SE. slope, through scattering timber and brush, asc. 130 ft.
8.40	Thence over N. slope, desc. 795 ft.
23.90	Draw, course NW.
28.20	Same draw, course NE.
32.60	Same draw, course NW.
33.90	Same draw, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 21 and 22, with brass cap marked
	$\frac{1}{4} \begin{array}{l} S21   S22 \\ 1934 \end{array}$
	from which
	An oak tree, 14 ins. diam., brs. S.78°15'E., 61 lks. dist., mkd. ¼ S22 BT.
	A juniper tree, 14 ins. diam., brs. S.23°15'W., 94 lks. dist., mkd. ¼ S21 BT.
44.10	Draw, course NE.; asc. 20 ft.
60.80	Cluster of boulders on knoll; desc. 204 ft. over N. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains									
64.90	Bottom of Horseshoe Gulch, 30 lks. wide, course E.; asc. 303 ft. over S. slope.								
67.50	Road, brs. E. and W.								
68.00	Fence, brs. E. and W.								
75.70	Top of ascent; thence over NW. slope, desc. 54 ft.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 15, 16, 21 and 22, with brass cap marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>S16</td><td>S15</td></tr> <tr><td>S21</td><td>S22</td></tr> <tr><td colspan="2">1934</td></tr> </table>	T19S	R31E	S16	S15	S21	S22	1934	
T19S	R31E								
S16	S15								
S21	S22								
1934									
	from which								
	An oak tree, 12 ins. diam., brs. S. 24°00'E., 40 lks. dist., mkd. T19S R31E S22 BT.								
	An oak tree, 10 ins. diam., brs. S. 57°00'W., 98 lks. dist., mkd. T19S R31E S21 BT.								
	An oak tree, 6 ins. diam., brs. N. 62°E., 62 lks. dist., mkd. T19S R31E S15 BT.								
	An oak tree, 10 ins. diam., brs. N. 59°00'W., 82 lks. dist., mkd. T19S R31E S16 BT.								
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinyon and oak; undergrowth, oak.								
	N. 89°56'E., on a random line, bet. secs. 15 and 22.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.09	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 14, 15, 22 and 23.								
	Thence								
	S. 89°51'W., on true line bet. secs. 15 and 22.								
	Over NW. slope, through scattering timber and brush, desc. 20 ft.								
1.50	Ravine, course NE.; asc. over E. slope, 90 ft.								
11.40	Short ridge, brs. NE. and SW; desc. 475 ft. over general NW. slope.								
40.04	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 15 and 22, with brass cap marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td><math>\frac{1}{4}</math></td><td>S 15</td></tr> <tr><td></td><td>S 22</td></tr> <tr><td></td><td>1934</td></tr> </table>	$\frac{1}{4}$	S 15		S 22		1934		
$\frac{1}{4}$	S 15								
	S 22								
	1934								
	from which								
	A juniper tree, 8 ins. diam., brs. N. 24°00'E., 113 lks. dist., mkd. $\frac{1}{4}$ S15 BT.								
	An oak tree, 5 ins. diam., brs. S. 7°30'E., 22 lks. dist., mkd. BT, only.								

## Subdivision of T. 19 S., R. 31 E.

Chains	Ascend 80 ft. over E. slope.
43.95	Rocky point, slopes NW.; desc. 163 ft. over W. slope.
44.41	Intersect line 1-2 of H.E.S. No. 520; From this point, cor. No. 1 of this survey, hereinbefore described, brs. N.54°54'E., 61.17 chs. dist. From same point, cor. No. 2 of this survey, hereinbefore described, brs. S.54°54'W., 23.68 chs. dist.
48.30	Bottom of Horseshoe Gulch, course NE.; road in gulch, brs. NE. and SW.
54.50	Ascend 441 fr. over SE. slope.
56.84	Intersect line 11-16, of H.E.S. 520; From this point, cor. No. 11, of this survey, brs. N.63°06'E., 32.13 chs. dist., a portion of a granite ledge, with sloping SE. face 2 x 2 ft., 3 ft. above ground surface, marked X 11 HES 520 From same point, cor. No. 16 of this survey, brs. S.63°06'W. 19.48 chs. dist., a granite ledge in place, 32 x 14 x 40 ins. above ground, mkd. and witnessed as described in the official record.
58.40	Wire fence, brs. NW. and SE.
74.50	Short ridge, brs. NE. and SW.; desc. 70 ft. over W. slope.
80.09	The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.  
Soil, gravelly; 3rd and 4th rate.  
Timber, Juniper, pinyon and oak; undergrowth, oak.

N.0°08'E., bet. secs. 15 and 16.

Over NW. slope, through scattering timber and brush, desc. 62 ft.

7.80	Draw, course SW.; asc. 263 ft. over S. slope.
18.50	Top of ascent; thence over gradual NE. slope, desc. 28 ft.
25.00	Draw, course NE.; thence along E. slope.
33.36	Wire fence, brs. E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 15 and 16, with brass cap marked

¼  
S16 | S15

1934

from which

A juniper tree, 14 ins. diam., brs. S.36°00'W., 64 lks. dist., mkd. ¼ S16 BT.

A pinyon tree, 12 ins. diam., brs. S.34°15'E., 139 lks. dist., mkd. ¼ S15 BT.

## Subdivision of T. 19 S., R. 31 E.

Chains Thence over NE. slope, desc. 106 ft.

50.60 Junction of draws, from W. and SW., course NE.; asc. 34 ft.

57.40 Spur, slopes NE.; thence along broken E. slope.

69.80 Descend 282 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T19S	R31E
S9	S10
S16	S15
1934	

from which

An oak tree, 8 ins. diam., brs. N.21°30'W., 16 lks. dist., mkd. T19S R31E S9 BT.

An oak tree, 6 ins. diam., brs. N.31°00'E., 36 lks. dist., mkd. T19S R31E S10 BT.

An oak tree, 8 ins. diam., brs. S.80°30'E., 42 lks. dist., mkd. T19S R31E S15 BT.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, oak, pinyon and juniper; undergrowth, manzanita and oak.

N.89°51'E., on a random line bet. secs. 10 and 15.

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

80.18 Intersect N. and S. line, 23 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence

N.89°59'W., on true line bet. secs. 10 and 15.

Over SE. slope, through scattering pinyon, asc. 212 ft.

14.30 S. slope of rocky hill; thence over SW. slope, desc. 180 ft.

21.70 Ravine, course SW.; asc. 20 ft.

26.20 Spur, slopes SW.; desc. 304 ft. over W. slope.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 10 and 15, with brass cap marked

$\frac{1}{4}$	S 10
	S 15
1934	

from which

An oak tree, 6 ins. diam., brs. N.8°45'W., 33 lks. dist., mkd.  $\frac{1}{4}$  S10 BT.

An oak tree, 4 ins. diam., brs. S.53°00'W., 28 lks. dist., mkd.  $\frac{1}{4}$  S15 BT.

Descend 155 ft. over W. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains	
47.40	Ravine, course SW.
51.20	Gulch, 20 lks. wide, course S.; asc. 170 ft.
55.10	Spur, slopes SW.; desc. 70 ft.
64.40	Draw, course S.; asc. 50 ft.
68.30	Spur, slopes SE.; desc. 95 ft.
76.20	Gulch, 60 lks. wide, course SE.; asc. 70 ft. over NE. slope.
80.18	The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, oak and pinyon; undergrowth, oak.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

From the cor. of secs. 9, 10, 15 and 16, hereinbefore described.

N.0°08'E., bet. secs. 9 and 10.

Over SE. slope, through timber and brush, asc. slightly.

1.30 Thence over N. slope, desc. 62 ft.

3.20 Bottom of gulch, course SE.; asc. 455 ft. over general S. slope.

19.30 Thence along W. slope.

24.50 Descend 11 ft. over N. slope.

26.80 Saddle in ridge, brs. NW. and SE.; asc. 99 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 9 and 10, with brass cap marked

$\frac{1}{4}$   
 S9 | S10  
 1934

41.85 The original witness  $\frac{1}{4}$  sec. cor. of secs. 9 and 10, brs. W., 9.16 chs. dist., a granite ledge, 4 ft. wide, 2 ft. high, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.

Ascend 277 ft. over rocky SE. slope.

47.60 Rocky point; thence over NE. slope, desc. 284 ft.

64.00 Thence along E. slope.

67.50 Ascend 119 ft. over SE. slope.

73.90 Spur, slopes E.; desc. 332 ft. over N. slope.

Independent resurvey of subdivisions.

T. 19 S., R. 31 E.

Chains 80.00	<p>True point for the cor. of secs. 3, 4, 9 and 10. falls on sloping surface of rock ledge. See line bet. secs. 3 and 4 for wit. cor. Land, mountainous. Soil, rocky; 4th rate. Timber, oak and pinyon; undergrowth, oak.</p>
Subdivision of T. 19 S., R. 31 E.	
	<p>From the true point for the cor. of secs. 3, 4, 9 and 10, hereinbefore described.</p> <p>S.89°59'E., on a random line, bet. secs. 3 and 10.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.26	Intersect N. and S. line, 21 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence
	S.89°52'W., on true line bet. secs. 3 and 10.
	Over open SW. slope, desc. 195 ft.
6.30	Ravine, course SW.; asc. 23 ft.
12.30	Spur, slopes SW.; desc. 118 ft.
18.30	Bottom of gulch, course S.; asc. 183 ft. over SE. slope.
25.40	Spur, slopes SE.; desc. 168 ft. over W. slope.
34.80	Bottom of gulch, course S.; asc. 267 ft. over E. slope.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, for witness $\frac{1}{4}$ sec. cor. of secs. 3 and 10. with brass cap marked
	$WC \frac{1}{4} \frac{S \ 3}{S10}$ <p>1934</p>
	from which
	An oak tree, 10 ins. diam., brs. S.49°45'W., 31 lks. dist. mkd. WC $\frac{1}{4}$ S10 BT.
	An oak tree, 10 ins. diam., brs. N.13°15'W., 118 lks. dist., mkd. WC $\frac{1}{4}$ S3 BT.
40.13	True point for $\frac{1}{4}$ sec. cor. falls on sloping ledge. Ascend 383 ft. over E. slope.
50.90	Ridge, brs. N. and S.; desc. 560 ft. over W. slope.
65.00	Thence along S. slope.
76.00	Bottom of gulch, course SE.; asc. 200 ft. over NE. slope.
79.90	Top of rock pinnacle; desc. 40 ft.
80.26	True point for cor. of secs. 3, 4, 9 and 10. See line bet. secs. 3 and 4 for wit. cor.

## Subdivision of T. 19 S., R. 31 E.

Chains	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinyon and oak, mostly along gulch bottoms; undergrowth, oak.
Independent resurvey of subdivisions, T. 19 S., R. 31 E.	
From the true point for the cor. of secs. 3, 4, 9 and 10. N.0°03'E., on a random line, bet. secs. 3 and 4.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.49	Intersect N. bdy. of Tp., 12 lks. W. of the cor. of secs. 3, 4, 33 and 34.
Thence	
S.0°08'W., on true line bet. secs. 3 and 4.	
Over S. slope, through scattering timber and brush, desc. 10 ft.	
.35	Ravine, course S.80°E.; asc. 292 ft. over NE. slope.
8.90	Spur, slopes E.; desc. 486 ft. over general SE. slope.
28.70	Draw, course SE.; asc. 30 ft.
32.20	Small spur, slopes E.; desc. 20 ft.
34.70	Small draw, course E.; asc. 203 ft. over NE. slope.
39.72	The original $\frac{1}{4}$ sec. cor. of secs. 3 and 4, brs. W., 10.20 chs. dist., a boulder in place, 10 x 6 x 5 ft., mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
42.20	Ridge, brs. E. and W.; desc. slightly.
42.49	Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of a rock ledge, in a mound of stone, 6 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 3 and 4, with brass cap marked
$\frac{1}{4}$ S4   S3 1934	
from which	
A pinyon tree, 5 ins. diam., brs. N.33°45'W., 44 lks. dist., mkd. $\frac{1}{4}$ S4 BT.	
A pinyon tree, 8 ins. diam., brs. N.43°30'E., 29 lks. dist., mkd. $\frac{1}{4}$ S3 BT.	
Descend 1057 ft. over S. slope.	
79.73	The original cor. of secs. 3, 4, 9 and 10, brs. W., 10.02 chs. dist., a limestone, 10 x 6 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
79.79	Bottom of gulch, course SE.; asc. 134 ft. over N. slope.

Independent resurvey of subdivisions.

T. 19 S., R. 31 E.

- Chains  
79.81 Forest Boundary Post, No. 18, brs. W., 10.02 chs. dist., an iron post, 4 ins. diam., set and marked as described in the official record. I destroy all evidence of this cor.
- 80.19 Trail, brs. NW. and SE.
- 82.39 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for witness cor. of secs. 3, 4, 9 and 10, with brass cap marked
- |      |      |
|------|------|
| T19S | R31E |
| 84   | S3   |
| 89   | S10  |
| WC   |      |
| 1934 |      |
- from which
- A pinyon tree, 6 ins. diam., brs. S.17°00'W., 25 lks. dist., mkd. WC T19S R31E S9 BT.
- A pinyon tree, 8 ins. diam., brs. N.57°45'W., 34 lks. dist., mkd. WC T19S R31E S4 BT.
- 82.49 The true point for the cor. of secs. 3, 4, 9 and 10.
- Land, mountainous.  
Timber, some pine, heavy pinyon on N. ½ mile; oak in gulch bottom on S. ½ mile; undergrowth, oak.  
Soil, gravelly and rocky; 4th rate.

Subdivision of T. 19 S., R. 31 E.

- From the cor. of secs. 32 and 33, on S. bdy. of Tp. here-  
inbefore described.
- N.0°08'E., bet. secs. 32 and 33.
- Over S. slope, through scattering timber, asc. 35 ft.
- 2.70 Thence over rolling ground.
- 18.30 Descend 60 ft. over NW. slope.
- 23.80 Wash, course SW.; thence follow up bed of wash.
- 28.70 Leave wash, from NE.; asc. 113 ft.
- 36.73 At a point 40 chs. dist., S.0°08'W., from the cor. of secs. 28, 29, 32 and 33, hereinafter described;
- Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 2 ft. high, for ¼ sec. cor. of secs. 32 and 33, with brass cap marked
- |      |     |
|------|-----|
| ¼    |     |
| S32  | S33 |
| 1934 |     |
- from which
- An oak tree, 6 ins. diam., brs. N.85°15'W., 77 lks. dist., mkd. ¼ S32 BT.
- An oak tree, 10 ins. diam., brs. N.75°45'E., 145 lks. dist., mkd. ¼ S33 BT.
- Ascend over general SE. slope, 593 ft.



## Subdivision of T. 19 S., R. 31 E.

Chains									
56.40	Small spur, slopes E.								
65.30	Head of draw, course E.								
76.73	At a point 80 chs. dist., W. of the cor. of secs. 27, 28, 33 and 34; Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 28, 29, 32 and 33, with brass cap marked								
	<table border="1"> <tr><td>T19S</td><td>R31E</td></tr> <tr><td>S29</td><td>S28</td></tr> <tr><td>S32</td><td>S33</td></tr> <tr><td colspan="2">1934</td></tr> </table>	T19S	R31E	S29	S28	S32	S33	1934	
T19S	R31E								
S29	S28								
S32	S33								
1934									
	from which								
	An oak tree, 14 ins. diam., brs. S. 51°00'W., 104 lks. dist., mkd. T19S R31E S32 BT.								
	An oak tree, 6 ins. diam., brs. N. 70°15'W., 49 lks. dist., mkd. BT, only.								
	An oak tree, 6 ins. diam., brs. N. 52°00'E., 64 lks. dist., mkd. BT, only.								
	An oak tree, 6 ins. diam., brs. S. 63°00'E., 64 lks. dist., mkd. T19S R31E S33 BT.								
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattering pinyon and oak; undergrowth; oak.								
	From the cor. of secs. 27, 28, 33 and 34, hereinbefore described.								
	West, on sectional correction line, bet. secs. 28 and 33.								
	Over open SE. slope, asc. 17 ft.								
3.00	Small spur, slopes S.; desc. 420 ft. over general SW. slope.								
11.00	Spur, slopes SW.								
24.50	Bend in ravine, course from NE. to NW.								
28.60	Same ravine, course SW.								
32.40	Wash, 30 lks. wide, course S. 30°W.								
36.90	Forest Service telephone line, brs. NE. and SW.								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone, mkd. X, deposited at base, in a mound of stone, 4 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 28 and 33, with brass cap marked								
	<table border="1"> <tr><td><math>\frac{1}{4}</math></td><td>S 28</td></tr> <tr><td></td><td>S 33</td></tr> <tr><td></td><td>1934</td></tr> </table>	$\frac{1}{4}$	S 28		S 33		1934		
$\frac{1}{4}$	S 28								
	S 33								
	1934								
57.70	Wash, 30 lks. wide, course S.; asc. 303 ft. over E. slope.								
80.00	The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, gravelly; 3rd rate.								

## Subdivision of T. 19 S., R. 31 E.

Chains Timber, oaks along gulch bottoms.

N. 0°08'E., bet. secs. 28 and 29.

Over NE. slope, through scattering timber and brush, desc. 40 ft.

7.10 Head of draw, course E.; asc. 250 ft.

24.80 Spur, slopes SE.; desc. 280 ft.

37.55 Head of draw, course E.; asc. 40 ft.

40.00 Set an iron post, 3 ft. long, 1 in diam., 3 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 28 and 29, with brass cap marked

¼

S29 | S28

1934

from which

An oak tree, 8 ins. diam., brs. S. 19°00'E., 100 lks. dist., mkd. ¼ S28 BT.

Ascend 250 ft. over SE. slope.

51.60 Short ridge, brs. NE. and SW.; desc. 200 ft.

60.50 Small draw, course NW.

64.40 Ravine, course NE.; asc. 90 ft.

70.90 Spur, slopes NE.; desc. 74 ft.

74.60 Ravine, course NE.; asc. 47 ft.

78.75 Spur, slopes NE.; desc. 21 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T19S R31E

S20 | S21

S29 | S28

1934

from which

An oak tree, 12 ins. diam., brs. N. 12°00'E., 123 lks. dist., mkd. T19S R31E S21 BT.

An oak tree, 8 ins. diam., brs. N. 55°30'W., 74 lks. dist., mkd. T19S R31E S20 BT.

An oak tree, 8 ins. diam., brs. S. 33°30'W., 54 lks. dist., mkd. T19S R31E S29 BT.

An oak tree, 5 ins. diam., brs. S. 46°15'E., 57 lks. dist., mkd. BT. only.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, oak and pinyon; undergrowth, oak.

East, on a random line, bet. secs. 21 and 28.

## Subdivision of T. 19 S., R. 31 E.

4027

Chains 40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.91	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence
	S.89°56'W., on true line bet. secs. 21 and 28.
	Over open SE. slope, asc. 141 ft.
8.00	Spur, slopes S.; thence along rocky S. slope.
9.30	Descend 741 ft. over W. slope.
34.50	Wash, 20 lks. wide, course N.; Forest Service telephone line, brs. N. and S.; ascend 50 ft. over E. slope.
36.50	Thence over NW. slope through scattering timber, desc. 40 ft.
39.58	Wash, 10 lks. wide, course NE.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 21 and 28, with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 21}{S\ 28}$ 1934
	from which
	An oak tree, 18 ins. diam., brs. N.55°15'E., 55 lks. dist., mkd. $\frac{1}{4}$ S21 BT.
	A pine tree, 10 ins. diam., brs. S.54°30'W., 50 lks. dist., mkd. $\frac{1}{4}$ S28 BT.
	Ascend over general E. slope, 283 ft.
41.30	Same wash, course SE.
43.20	Same wash, course NE.
65.60	Spur, slopes S.; desc. 73 ft.
71.80	Draw, course S.; asc. 40 ft.
78.00	Small draw, course SE.
79.91	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous. Soil, gravelly; 3rd rate. Timber, oak and pinyon; undergrowth, oak.
	N.0°08'E., bet. secs. 20 and 21.
	Over open SE. slope, asc. 431 ft.
17.80	Flat top hill, brs. NE. and SW.; desc. 150 ft. over rocky NW. slope.
24.00	Thence over SW. slope, asc. 50 ft.
32.80	Spur, slopes NW.; desc. 50 ft.
34.00	Thence over E. slope, asc. 115 ft.

## Subdivision of T. 19 S., R. 31 E.

Chains	
38.30	Ridge, brs. E. and W.; desc. 40 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 20 and 21, with brass cap marked
	$\frac{1}{4}$
	S20   S21
	1934
	from which
	A pinyon tree, 8 ins. diam., brs. N.48°30'E., 42 lks. dist., mkd. $\frac{1}{4}$ S21 BT.
	A pinyon tree, 10 ins. diam., brs. S.42°45'W., 47 lks. dist., mkd. $\frac{1}{4}$ S20 BT.
	Descend 813 ft. over general NW. slope.
54.20	Draw, course NW.
57.10	Spur, slopes NW.
70.60	Ravine, course NE.
74.00	Telephone line bears E. and W.
76.00	Bottom of Horseshoe Gulch, 30 lks. wide, course E. asc. 54 ft. over S. slope.
78.00	Old road, brs. E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 3 ft. high, for cor. of secs. 16, 17, 20 and 21, with brass cap marked
	T19S R31E
	S17   S16
	S20   S21
	1934
	from which
	An oak tree, 8 ins. diam., brs. N.18°30'W., 124 lks. dist., mkd. T19S R31E S17 BT.
	An oak tree, 10 ins. diam., brs. N.2°30'E., 45 lks. dist., mkd. T19S R31E S16 BT.
	An oak tree, 8 ins. diam., brs. S.15°30'E., 19 lks. dist., mkd. T19S R31E S21 BT.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinyon and oak; undergrowth, oak.
	N.89°56'E., on a random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 7 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence
	S.89°59'W., on true line bet. secs. 16 and 21.
	Over SW. slope, through scattering timber, desc. 126 ft.
5.30	Draw, course SW.

## Subdivision of T. 19 S., R. 31 E.

4027

Chains	
8.40	Draw, course S.; asc. 72 ft. over general SE. slope.
16.40	Draw, course S.
25.00	Thence over SW. slope, desc. 87 ft.
31.10	Wash, course SE.; asc. 115 ft. over E. slope.
36.50	Draw, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of a rock ledge, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 16 and 21, with brass cap marked
	$\frac{1}{4} \begin{array}{r} \text{S 16} \\ \text{S 21} \\ 1934 \end{array}$
	from which
	An oak tree, 20 ins. diam., brs. S. 3° 15' W., 118 lks. dist., mkd. ¼ S21 BT.
	An oak tree, 10 ins. diam., brs. N. 23° 15' W., 80 lks. dist., mkd. ¼ S16 BT.
41.70	Wire fence, brs. NW. and SE.
46.10	Thence over gradual SW. slope, desc. 75 ft.
74.50	Ravine, course SE.; asc. 20 ft.
80.00	The cor. of secs. 16, 17, 20 and 21.
	Land, mountainous. Soil; gravelly loam and rocky; 2nd and 4th rate. Timber, pinyon and oak; undergrowth, oak.
	N. 0° 08' E., bet. secs. 16 and 17.
	Over rocky SE. slope, through scattering timber and brush, asc. 454 ft.
21.30	Flat top spur, projects E.
24.40	Descend 70 ft. over NE. slope.
32.60	Ravine, course SE.; asc. 287 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 16 and 17, with brass cap marked
	$\frac{1}{4} \begin{array}{r} \text{S17}   \text{S16} \\ 1934 \end{array}$
	from which
	An oak tree, 10 ins. diam., brs. N. 13° 00' W., 35 lks. dist., mkd. ¼ S17 BT.
	An oak tree, 10 ins. diam., brs. N. 58° 30' E., 76 lks. dist., mkd. ¼ S16 BT.
	Ascend 59 ft. over SE. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains  
 45.90 Thence over NE. slope, desc. 70 ft.  
 49.40 Draw, course SE.; asc. 257 ft.  
 55.70 Spur, slopes E.; desc. 552 ft. over N. slope.  
 68.00 Bottom of gulch, course NE.; asc. 370 ft. over SE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for cor. of secs. 8, 9, 16 and 17, with brass cap marked

T19S R31E  
 88 | 89  
 817 | 816  
 1934

Land, mountainous.  
 Soil, rocky and gravelly; 3rd and 4th rate.  
 Timber, pinyon and oak; undergrowth; manzanita and oak.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

From the cor. of secs. 8, 9, 16 and 17, hereinbefore described.

N.89°59'E., on a random line, bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

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

Thence

S.89°55'W., on true line bet. secs. 9 and 16.

Over SE. slope, through scattering timber, asc. 36 ft.

1.60 Small spur, slopes NE.; thence over NE. slope, asc. 97 ft.

9.98 The original cor. of secs. 9, 10, 15 and 16, brs. N. 4.60 chs. dist., a limestone, 14 x 5 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.

10.54 Forest boundary post No. 17 brs. N. 4.60 chs. dist., an iron post, 4 ins. diam., set and marked as described in the official record. I destroy all evidence of this monument.

16.90 Thence over NW. slope, desc. 80 ft.

27.60 Junction of ravine from SW. with gulch from NW.; thence course NE.; asc. 314 ft. over NE. slope.

37.00 Spur, slopes NE.; desc. 68 ft.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at base, in a mound of stone, 3 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 9 and 16, with brass cap marked

## Independent resurvey of subdivisions.

T. 19 S., R. 31 E.

4027

Chains

$$\frac{1}{4} \frac{S 9}{S 16}$$
 1934

from which

An oak tree, 12 ins. diam., brs. S. 69°00'W. 18 lks. dist.,  
mkd.  $\frac{1}{4}$  S16 BT.

Ascend 244 ft. over NE. slope.

47.50 Spur, slopes N.; desc. 150 ft.

50.30 The original  $\frac{1}{4}$  sec. cor. of secs. 9 and 16, brs. N. 4.60  
chs. dist., a limestone, 8 x 6 x 10 ins. above ground,  
mkd. and witnessed as described in the official record.  
I destroy all evidence of this cor.

51.50 Draw, course N.; asc. 80 ft.

54.70 Spur, slopes NE.; desc. 132 ft.

63.50 Gulch, course NE.; asc. 547 ft. over rocky E. slope.

80.05 The cor. of secs. 8, 9, 16 and 17.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pinyon and oak; undergrowth, oak.

## Subdivision of T. 19 S., R. 31 E.

From the cor. of secs. 8, 9, 16 and 17, hereinbefore des-  
cribed.

N. 0°08'E., bet. secs. 8 and 9.

Over open SE. slope, asc. 274 ft.

11.30 Spur, slopes NE.; desc. 600 ft. over brushy N. slope.

32.80 Gulch, course E.; asc. 253 ft. over S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bedrock, in a mound of stone, 3 ft. base, 1  $\frac{1}{2}$   
ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 8 and 9, with brass  
cap marked

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

$$S8 | S9$$
 1934

from which

An oak tree, 15 ins. diam., brs. S. 9°00'E., 91 lks. dist.,  
mkd.  $\frac{1}{4}$  S9 BT.

An oak tree, 10 ins. diam., brs. N. 39°00'W., 68 lks. dist.,  
mkd.  $\frac{1}{4}$  S8 BT.

Ascend 695 ft. over general S. slope.

66.20 Ridge, brs. E. and W.; desc. 36 ft.

72.40 Head of draw, course E.; asc. over SE. slope, 117 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a mark  
X, chiseled on a granite ledge, in a mound of stone, 5  
ft. base, 2  $\frac{1}{2}$  ft. high, for cor. of secs. 4, 5, 8 and 9.

## Subdivision of T. 19 S., R. 31 E.

Chains with brass cap marked

T19S R31E
S5   S4
S8   S9
1934

from which

An oak tree, 8 ins. diam., brs. S.47°45'E., 76 lks. dist.,  
mkd. T19S R31E S9 BT.

An oak tree, 8 ins. diam., brs. N.77°45'W., 53 lks. dist.,  
mkd. T19S R31E S5 BT.

An oak tree, 10 ins. diam., brs. N.42°15'E., 52 lks. dist.,  
mkd. T19S R31E S4 BT.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, oak and pinyon; undergrowth, manzanita and oak.

N.89°55'E., on a random line, bet. secs. 4 and 9.

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

79.91 Intersect N. and S. line, 9 lks. N. of the true point for  
cor. of secs. 3, 4, 9 and 10.

Thence, from true point for cor.

S.89°59'W., on true line bet. secs. 4 and 9.

Over NE. slope, through scattering timber and brush, asc.  
846 ft.

25.20 Ridge, brs. NW. and SE.; desc. 226 ft. over SW. slope.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the  
ground to bedrock, in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$   
ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, with brass  
cap marked

$\frac{1}{4}$ <u>S 4</u>
S 9
1934

from which

A pinyon tree, 8 ins. diam., brs. N.31°30'W., 99 lks. dist.,  
mkd.  $\frac{1}{4}$  S4 BT.

A pinyon tree, 10 ins. diam., brs. S.45°15'E., 134 lks.  
dist., mkd.  $\frac{1}{4}$  S9 BT.

Descend 190 ft. over W. slope.

45.00 Bottom of gulch, course SE.; asc. 735 ft. over NE. slope.

67.80 Spur, slopes SE.; desc. slightly along SW. slope.

79.91 The cor. of secs. 4, 5, 8 and 9.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, pinyon and oak; undergrowth, manzanita and oak.

N.0°00'E., on a random line, bet. secs. 4 and 5.

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



Subdivision of T. 19 S., R. 31 E.

Chains 82.42	<p>Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs. 4, 5, 32 and 33.</p> <p>Thence</p> <p>S.0°01'W., on true line bet. secs. 4 and 5.</p> <p>Over SE. slope, through dense underbrush, desc. 320 ft.</p>
16.40	<p>Gulch, course SE., forms junction with ravine from SW.; asc. 400 ft. over N. slope.</p>
32.90	<p>Spur, slopes SE.; desc. 300 ft. over S. slope.</p>
42.42	<p>Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 4 and 5, with brass cap marked</p> <p style="text-align: center;">¼</p> <p style="text-align: center;">S5   S4</p> <p style="text-align: center;">1934</p> <p style="text-align: right;">from which</p> <p>A juniper tree, 10 ins. diam., brs. N.60°45'E., 53 lks. dist., mkd. ¼ S4 BT.</p> <p>A pinyon tree, 10 ins. diam., brs. N.62°00'W., 118 lks. dist., mkd. ¼ S5 BT.</p>
44.30	<p>Draw, course E.; asc. 410 ft. over N. slope, through scattering timber and brush.</p>
62.70	<p>Spur, slopes NE.; desc. 20 ft.</p>
65.70	<p>Ravine, course E.; asc. 124 ft. over rocky NE. slope.</p>
74.80	<p>Spur, slopes E.; desc. 212 ft. over S. slope.</p>
82.42	<p>The cor. of secs. 4, 5, 8 and 9.</p> <p>Land, rough mountainous. Soil, rocky; 4th rate. Timber, pinyon, juniper and oak; undergrowth, manzanita and oak.</p> <hr/> <p>Thence from the cor. of secs. 31 and 32, on S. bdy. of Tp., hereinbefore described.</p> <p>N.0°07'E., bet. secs. 31 and 32.</p> <p>Over NE. slope, through scattering timber and brush, desc. 450 ft.</p>
30.00	<p>Draw, course E.; asc. slightly.</p>
33.00	<p>Top of knoll; thence over N. slope, desc. 200 ft.</p>
36.10	<p>At a point 40 chs. dist., S.0°07'W., from the cor. of secs. 29, 30, 31 and 32, hereinafter described;</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground in a small mound of stone, for ¼ sec. cor. of secs. 31 and 32, with brass cap marked</p>

Subdivision of T. 19 S., R. 31 E.

Chains

1/4  
S31 | S32

1934

from which

A pinyon tree, 8 ins. diam., brs. S.89°00'E., 23 lks. dist.,  
mkd. 1/4 S32 BT.

A pinyon tree, 8 ins. diam., brs. S.77°15'W., 26 lks. dist.,  
mkd. 1/4 S31 BT.

Descend over general N. slope, 400 ft.

52.00 Ravine, course NE.

56.00 Gulch, course E.; asc. 586 ft. over S. slope.

74.00 Top of ascent; thence over NW. slope, desc. slightly.

76.10 At a point 80.04 chs. dist., W. of the cor. of secs. 28,  
29, 32 and 33;

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground to bedrock, in a mound of stone, 5 ft. base, 2 ft.  
high, for cor. of secs. 29, 30, 31 and 32, with brass  
cap marked

T19S R31E  
S30 | S29  
S31 | S32  
1934

from which

An oak tree, 8 ins. diam., brs. S.64°00'W., 35 lks. dist.,  
mkd. T19S R31E S31 BT.

An oak tree, 14 ins. diam., brs. N.64°00'W., 45 lks. dist.,  
mkd. T19S R31E S30 BT.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, oak and pinyon; undergrowth, oak.

From the cor. of secs. 28, 29, 32 and 33, hereinbefore  
described.

West, on sectional correction line, bet. secs. 29 and 32.

Over E. slope, through scattering timber, asc. 96 ft.

6.20 Ridge, brs. NW. and SE.; desc. 496 ft. over general W.  
slope.

19.20 Draw, course SW.

21.80 Small spur, slopes SW.

27.10 Gulch, course S.15°W.; asc. over general E. slope, 692  
ft.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the  
ground to bedrock, in a mound of stone, 4 ft. base, 2 1/2  
ft. high, for 1/4 sec. cor. of secs. 29 and 32, with brass  
cap marked

1/4 S 29  
S 32  
1934

from which

## Subdivision of T. 19 S., R. 31 E.

4027

Chains	An oak tree, 7 ins. diam., brs. N.56°00'E., 38 lks. dist., mkd. $\frac{1}{4}$ S29 BT.
	A juniper tree, 9 ins. diam., brs. S.48°00'E., 154 lks. dist., mkd. $\frac{1}{4}$ S32 BT.
67.50	Thence over SE. slope, asc. 47 ft.
69.40	Wire fence, brs. N. and S.
75.30	Ridge, brs. NE. and SW.; desc. 90 ft. over W. slope.
80.04	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, juniper, pinyon and oak; undergrowth, oak.
	West, on sectional correction line, bet. secs. 30 and 31. Over open W. slope, desc. 221 ft.
6.10	Trail, brs. NE. and SW.
7.80	Ravine, course SW.; asc. 205 ft.
19.70	Spur, slopes SW.; desc. 378 ft. over broken SW. slope.
30.80	Draw, course SE.
38.50	Enter heavy timber.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of secs. 30 and 31, with brass cap marked
	$\frac{1}{4} \begin{array}{r} \text{S } 30 \\ \hline \text{S } 31 \\ 1934 \end{array}$
	from which
	A pine tree, 16 ins. diam., brs. N.67°00'W., 92 lks. dist., mkd. $\frac{1}{4}$ S30 BT.
	A pine tree, 20 ins. diam., brs. S.28°15'E., 87 lks. dist., mkd. $\frac{1}{4}$ S31 BT.
42.30	Draw, course SW.
47.50	Gulch, course SE.; ascend 180 ft. over E. slope.
57.60	Spur, slopes NE.; thence over NE. slope, asc. 178 ft.
86.87	The cor. of secs. 30 and 31, hereinbefore described, on W. bdy. of Tp. Land, mountainous. Soil, gravelly loam; 3rd and 4th rate. Timber, pine, pinyon and oak; undergrowth, oak.
	Thence, from the cor. of secs. 29, 30, 31 and 32. N.0°07'E., bet. secs. 29 and 30. Over open NW. slope, desc. 200 ft.
9.30	Ravine, course SW.; asc. 304 ft. over SE. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains										
31.20	Ridge, brs. E. and SW; desc. 300 ft. over NE. slope.									
39.18	Head of ravine, course NE.; asc. 60 ft.									
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of a rock ledge, in a mound of stone, 4 ft. base, 2½ ft. high, for ¼ sec. cor. of secs. 29 and 30, with brass cap marked									
	$\frac{1}{4}$ <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S30</td> <td style="padding: 0 5px;">S29</td> </tr> <tr> <td colspan="2" style="text-align: center;">1934</td> </tr> </table>	S30	S29	1934						
S30	S29									
1934										
	from which									
	An oak tree, 9 ins. diam., brs. S.11°15'E., 35 lks. dist., mkd. ¼ S29 BT.									
	An oak tree, 15 ins. diam., brs. S.77°15'W., 24 lks. dist., mkd. ¼ S30 BT.									
42.50	Small spur, slopes NE.; desc. 220 ft. over N. slope.									
51.30	Gulch, course SE.; ascend slightly, through timber.									
61.30	Same gulch, course SW.									
68.40	Same gulch, course SE.									
75.60	Same gulch, course SW.									
78.60	Same gulch, course SE.									
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked									
	<table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T19S R31E</td> <td style="padding: 0 5px;">S19</td> <td style="padding: 0 5px;">S20</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S30</td> <td style="padding: 0 5px;">S29</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">1934</td> </tr> </table>	T19S R31E	S19	S20	S30	S29		1934		
T19S R31E	S19	S20								
S30	S29									
1934										
	from which									
	An oak tree, 16 ins. diam., brs. S.30°00'E., 115 lks. dist., mkd. T19S R31E S29 BT.									
	An oak tree, 9 ins. diam., brs. N.46°15'E., 124 lks. dist., mkd. T19S R31E S20 BT.									
	An oak tree, 12 ins. diam., brs. N.47°30'W., 59 lks. dist., mkd. T19S R31E S19 BT.									
	A juniper tree, 10 ins. diam., brs. S.44°00'W., 108 lks. dist., mkd. T19S R31E S30 BT.									
	Land, mountainous. Soil, gravelly; 3rd rate. Timber, oak, pinyon and juniper; undergrowth, oak.									
	East, on a random line, bet. secs. 20 and 29.									
40.00	Set temp. ¼ sec. cor.									
80.12	Fall 14 lks. S. of the cor. of secs. 20, 21, 28 and 29.									
	Thence									
	S.89°54'W., on true line bet. secs. 20 and 29.									
	Over SE. slope, through scattering timber, asc. 500 ft.									

## Subdivision of T. 19 S., R. 31 E.

Chains	
22.60	A U.S. Geological B.M., elevation 6073 ft. above sea level, brs. N. 4.61 chs. dist.
26.00	Ridge, brs. N. and S.; desc. 350 ft. over W. slope, through juniper and pinyon.
38.30	Ravine, course SW.; asc. 47 ft.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 20 and 29, with brass cap marked
	$\frac{1}{4} \begin{array}{r} S 20 \\ S 29 \\ 1934 \end{array}$
	from which
	A juniper tree, 8 ins. diam., brs. S. 33° 15' W., 73 lks. dist., mkd. ¼ S29 BT.
	An oak tree, 16 ins. diam., brs. N. 43° 30' E., 281 lks. dist., mkd. ¼ S20 BT.
	Ascend 212 ft. over W. slope.
50.10	Spur, slopes S.; desc. 200 ft.
60.00	Ravine, course S.
62.50	Spur, slopes S.; desc. 60 ft. over general W. slope.
80.12	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinyon, juniper and oak; undergrowth, oak.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

	From the cor. of secs. 19, 20, 29 and 30, hereinbefore described.
	West, on a random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
86.88	Intersect W. bdy. of Tp., 15 lks. N. of the cor. of secs. 19 and 30, hereinbefore described.
	Thence
	N. 89° 54' E., on true line bet. secs. 19 and 30.
	Over rocky E. slope, through scattering timber and brush, desc. 390 ft.
10.00	Ravine, course SE.; asc. 140 ft.
17.30	Flat spur, projects S.; desc. 280 ft. over general SE. slope.
27.00	Ravine, course S.
32.00	Draw, course S.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

- Chains  
36.59 The original  $\frac{1}{4}$  sec. cor. of secs. 19 and 30, brs. N. 4.49 chs. dist., a limestone ledge, 2 x 1 x 1 ft. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
- 37.80 Gulch, course SW.; asc. 103 ft. over NW. slope.
- 41.00 Draw, course NW.
- 46.88 Set an iron post, 3 ft. long, 1 in. diam., over a mark X, chiseled on surface of rock ledge, in a mound of stone, 6 ft. base, 2 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 19 and 30, with brass cap marked
- $$\frac{1}{4} \begin{array}{r} S 19 \\ \hline S 30 \\ 1934 \end{array}$$
- Ascend 280 ft. over E. slope.
- 52.60 Ridge, brs. N. and S.; desc. 413 ft. over E. slope.
- 67.00 Ravine, course SE.; asc. 60 ft.
- 73.60 Thence over SE. slope, desc. 140 ft.
- 76.71 Forest boundary post No. 13, brs. N. 4.11 chs. dist., an iron post, 4 ins. diam., set and marked as described in the official record. I destroy all evidence of this monument.
- 76.80 The original cor. of secs. 19, 20, 29 and 30, brs. N. 4.11 chs. dist., a limestone, 14 x 12 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
- 85.50 Gulch, course SW.; asc. slightly.
- 86.88 The cor. of secs. 19, 20, 29 and 30.
- Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, pinyon, juniper and oak; undergrowth, manzanita and oak.

N.0°07'E., bet. secs. 19 and 20.

Over level ground, through scattering timber.

- 1.20 Gulch, course SW.;
- 3.50 Gulch, course SE.; asc. 292 ft. over SW. slope.
- 12.30 Draw, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 19 and 20, with brass cap marked

$$\frac{1}{4} \begin{array}{r} S19 | S20 \\ \hline 1934 \end{array}$$

from which

A cedar tree, 12 ins. diam., brs. N.75°45'E., .93 lks. dist., mkd.  $\frac{1}{4}$  S20 BT.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

ECCV 4027

Chains	An oak tree, 14 ins. diam., brs. N.31°15'W., 151 lks. dist., mkd. $\frac{1}{4}$ S19 BT.								
	Ascend 102 ft. over S. slope.								
44.12	The original $\frac{1}{4}$ sec. cor. of secs. 19 and 20, brs. W., 10.25 chs. dist., a limestone in place, 4 x 3 x 1 $\frac{1}{2}$ ft. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.								
45.50	Ridge, brs. NW. and SE.; desc. 340 ft. over NE. slope.								
60.00	Spur, slopes NE.; thence over N. slope, desc. 454 ft.								
72.18	Telephone line, brs. NW. and SE.								
74.30	Enter bottom land.								
78.60	Bottom of Horseshoe Gulch, course E.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked								
	<table border="1"> <tbody> <tr> <td colspan="2">T19S R31E</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> <tr> <td colspan="2">1934</td> </tr> </tbody> </table>	T19S R31E		S18	S17	S19	S20	1934	
T19S R31E									
S18	S17								
S19	S20								
1934									
	from which								
	An oak tree, 8 ins. diam., brs. S.16°45'E., 37 lks. dist., mkd. T19S R31E S20 BT.								
	An oak tree, 7 ins. diam., brs. S.61°00'W., 40 lks. dist., mkd. T19S R31E S19 BT.								
	An oak tree, 8 ins. diam., brs. N.29°15'W., 19 lks. dist., mkd. T19S R31E S18 BT.								
	An oak tree, 6 ins. diam., brs. N.28°00'E., 29 lks. dist., mkd. T19S R31E S17 BT.								
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinyon, juniper, oak and pine; undergrowth, oak.								
Subdivision of T. 19 S., R. 31 E.									
	From the cor. of secs. 17, 18, 19 and 20, hereinbefore described.								
	N.89°54'E., on a random line, bet. secs. 17 and 20.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.12	Intersect N. and S. line, 16 lks. N. of the cor. of secs. 16, 17, 20 and 21.								
	Thence								
	N.89°59'W., on true line bet. secs. 17 and 20.								
	Over gradual SE. slope, through scattering timber and brush, asc. 120 ft.								
15.80	Ravine, course SE.								
21.90	Ravine, course S.								
37.50	Ravine, course S.								

## Subdivision of T. 19 S., R. 31 E.

Chains 40.06	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 20, with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math> <math>\frac{S\ 17}{S\ 20}</math> 1934</p> <p style="text-align: right;">from which</p> <p>A pinyon tree, 10 ins. diam., brs. N.23°00'W., 42 lks. dist., mkd. <math>\frac{1}{4}</math> S17 BT.</p> <p>An oak tree, 7 ins. diam., brs. S.1°15'W., 57 lks. dist., mkd. <math>\frac{1}{4}</math> S20 BT.</p> <p>Thence over level ground.</p>
47.10	Ascend 72 ft. over SW. slope.
56.60	Thence along S. slope.
60.60	Small draw, course S.
67.70	Thence over SW. slope, desc. 97 ft.
73.10	Small draw, course S.
77.40	Road, brs. NW. and SE.
80.12	The cor. of secs. 17, 18, 19 and 20.
	<p>Land, rolling. Soil, gravelly loam; 2nd and 3rd rate. Timber, pinyon, oak and pine; undergrowth, oak.</p>
	S.89°54'W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.02	Intersect W. bdy. of Tp., 14 lks. N. of the cor. of secs. 18 and 19, hereinbefore described.
	Thence
	N.89°48'E., on true line bet. secs. 18 and 19.
	Over NW. slope, through scattering timber and brush, asc. 107 ft.
5.60	Spur, slopes NW.; desc. 264 ft. over NE. slope.
16.50	Ravine, course NE.; asc. 295 ft. over W. slope.
26.70	Rocky spur, slopes N.; desc. 637 ft. over E. slope.
47.02	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of secs. 18 and 19, with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 18}{S\ 19}$ 1934
	from which
	A pine tree, 14 ins. diam., brs. N.18°00'E., 49 lks. dist., mkd. $\frac{1}{4}$ S.18 BT.
47.27	Small draw, course NE.



## Subdivision of T. 19 S., R. 31 E.

Chains	
55.35	Draw, course NE; asc. 40 ft.
57.40	Small spur, slopes N.; desc. 218 ft. over gradual NE. slope.
85.60	Bottom of Horseshoe Gulch, course SE.
87.02	The cor. of secs. 17, 18, 19 and 20.
	Land, mountainous. Soil, gravelly loam and rocky; 2nd to 4th rate. Timber, pine, oak and pinyon; undergrowth, manzanita and oak.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

From the cor. of secs. 17, 18, 19 and 20, hereinbefore described.

N.0°07'E., bet. secs. 17 and 18.

Over level ground through scattering timber.

1.00	Road, brs. NW. and SE.; ascend 800 ft. over general S. slope.
4.25	Forest bdy. post No. 14, brs. W, 10.33 chs. dist., an iron post, 4 ins. diam., 18 ins. above ground, set and mkd. as described in the official record. I destroy all evidence of this monument.
4.39	The original cor. of secs. 17, 18, 19 and 20, brs. W. 10.33 chs. dist., a limestone, 14 x 12 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
27.40	Spur, slopes SW.; desc. 147 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 17 and 18, with brass cap marked
	$\dagger$ S18   S17 1934
	from which
	A pinyon tree, 14 ins. diam., brs. S.46°30'E., 78 lks. dist., mkd. $\dagger$ S17 BT.
	An oak tree, 8 ins. diam., brs. N.50°00'W., 92 lks. dist., mkd. $\dagger$ S18 BT.
	Descend 137 ft. over N. slope.
44.03	The original $\dagger$ sec. cor. of secs. 17 and 18, brs. W., 10.44 chs. dist., a limestone, 12 x 8 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
46.15	Ravine, course SW.; asc. 600 ft. over S. slope.
57.00	Rocky ridge, brs. SW. and N.; thence along crest of ridge,

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

Chains	asc. 100 ft.
68.30	Thence over NW. slope, desc. 64 ft.
75.70	Head of draw, course SW.; asc. 102 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone, mkd. X, deposited at base, in a mound of stone, 4 ft. base, 1½ ft. high, for cor. of secs. 7, 8, 17 and 18, with brass cap marked
	T19S R31E S7 S8 S18 S17 1934
	Land, rough mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattering pinyon, oak and pine; undergrowth, oak and manzanita.
	S.89°59'E., on a random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.15	Intersect N. and S. line, 19 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence
	N.89°51'W., on true line bet. secs. 8 and 17.
	Over open rocky SE. slope, asc. 396 ft.
9.28	Forest bdy. post No. 16, brs. N. 4.58 chs. dist., an iron post, 4 ins. diam., 18 ins. above ground, set and marked as described in the official record. I destroy all evidence of this monument.
10.21	The original cor. of secs. 8, 9, 16 and 17, brs. N. 4.58 chs. dist., a granite rock in place, 3 x 1 x 2 ft. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.
14.10	Thence over SW. slope, desc. 20 ft.
20.10	Head of ravine, course SE.; asc. 205 ft. over E. slope.
28.10	Ridge, brs. NE. and W.; asc. 306 ft. along crest of ridge.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 8 and 17, with brass cap marked
	¼ $\frac{S 8}{S 17}$ 1934
	from which
	A pinyon tree, 5 ins. diam., brs. N. 72°45'E., 49 lks. dist., mkd. ¼ S8 BT.
40.50	Thence over NW. slope, desc. 53 ft.
47.80	Ravine, course N.; asc. 52 ft.
49.10	Ridge, brs. NW. and SE.; desc. over general W. slope, 584 ft.

## Independent resurvey of subdivisions,

T. 19 S., R. 31 E.

Chains

50.39 The original  $\frac{1}{4}$  sec. cor. of secs. 8 and 17, brs. N. 4.24 chs. dist., a limestone, 12 x 8 x 10 ins. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.

51.00 Enter heavy growth of pinyon and juniper.

69.50 Ravine, course S.; asc. 229 ft. over E. slope.

76.40 Ridge, brs. N. and S.; desc. 44 ft. over W. slope.

80.15 The cor. of secs. 7, 8, 17 and 18.

Land, rough mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pinyon, juniper and oak; undergrowth, manzanita and oak.

## Subdivision of T. 19 S., R. 31 E.

From the cor. of secs. 7, 8, 17 and 18, hereinbefore described.

S.89°48'W., on a random line bet. secs. 7 and 18.

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

87.30 Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 7 and 18, hereinbefore described.

Thence

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

Over E. slope, through scattering timber and brush, desc. 812 ft.

24.00 Enter heavy timber.

34.50 Bottom of Horseshoe Gulch, course S.; asc. 131 ft. over general W. slope.

35.30 Trail, brs. N. and S.

35.42 Telephone line, bears N. and S.

44.40 Draw, course SW.

47.30 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 1 $\frac{1}{2}$  ft. high, for  $\frac{1}{4}$  sec. cor. of secs. 7 and 18, with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 7 \\ S 18 \\ 1934 \end{array}$$

from which

A pine tree, 12 ins. diam., brs. S.62°30'W., 37 lks. lks. dist., mkd.  $\frac{1}{4}$  S18 BT.

A pine tree, 10 ins. diam., brs. N.51°45'W., 103 lks. dist., mkd.  $\frac{1}{4}$  S7 BT.

Ascend 521 ft. over W. slope, through scattering timber and brush.

63.84 Rocky spur, slopes SW.; desc. 292 ft. over E. slope.

72.20 Ravine, course SW.; asc. 550 ft. over NW. slope.

## Subdivision of T. 19 S., R. 31 E.

Chains  
76.80

The original cor. of secs. 7, 8, 17 and 18, brs. N. 4.30 chs. dist., a boulder in place, 5 x 3 x 1½ ft. above ground, mkd. and witnessed as described in the official record. I destroy all evidence of this cor.

From same place, Forest bdy. post. No. 15, brs. N. 4.24 chs. dist., an iron post, 4 ins. diam., 18 ins. above ground, mkd. as described in the official record. I destroy all evidence of this monument.

87.30

The cor. of secs. 7, 8, 17 and 18.

Land, rough mountainous.

Soil, gravelly loam and rocky; 2nd to 4th rate.

Timber, pine, pinyon and oak; undergrowth, manzanita and oak.

N.0°07'E., bet. secs. 7 and 8.

Over open SW. slope, asc. 44 ft.

1.70 Spur, slopes SW.; desc. 100 ft. over NW. slope.

13.00 Ravine, course SW.; asc. 306 ft.

22.10 Ridge, brs. SE. and W.; desc. 139 ft. over NW. slope.

35.00 Small spur, slopes NW.; thence over N. slope, desc. 208 ft., through scattering timber and brush.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 1½ ft. high, for ¼ sec. cor. of secs. 7 and 8, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline S7 | S8 \\ \hline 1934 \end{array}$$

from which

A pine tree, 8 ins. diam., brs. N.83°00'W., 18 lks. dist., mkd. ¼ S7 BT.

A fir tree, 6 ins. diam., brs. N.60°30'E., 23 lks. dist., mkd. ¼ S8 BT.

Desc. 64 ft. over N. slope.

41.70 Trail, brs. SE. and NW.

42.10 Ravine, course SE.; asc. 328 ft. over S. slope.

56.00 Spur, slopes SW.; desc. 238 ft. over NW. slope.

61.70 Ravine, course SW.; asc. 520 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 5, 6, 7 and 8, with brass cap marked

$$\begin{array}{c} T19S | R31E \\ \hline S6 | S5 \\ \hline S7 | S8 \\ \hline 1934 \end{array}$$

from which

A mark X, on a limestone ledge, 22 ft. wide, by 8 ft.

## Subdivision of T. 19 S., R. 31 E.

Chains	high, brs. N.54°30'W., 33 lks. dist., followed by marks B0 S6.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pine, fir, pinyon and oak; undergrowth, manzanita and oak.
	S.89°51'E., on a random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.31	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	N.89°46'W., on true line bet. secs. 5 and 8.
	Over rocky NE. slope, through scattering timber and brush, asc. 382 ft.
10.40	Rocky spur, projects S.; desc. 380 ft. over W. slope.
21.00	Ravine, course S.; asc. 240 ft.
33.00	Spur, slopes S; desc. 66 ft.
38.80	Ravine, course S.; asc. slightly.
40.16	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of secs. 5 and 8, with brass cap marked
	$\frac{1}{4} \frac{S 5}{S 8}$ 1934
	from which
	A pine tree, 12 ins. diam., brs. S.51°45'W., 39 lks. dist., mkd. $\frac{1}{4}$ S8 BT.
	A pine tree, 8 ins. diam., brs. N.76°15'W., 65 lks. dist., mkd. $\frac{1}{4}$ S5 BT.
	Ascend 390 ft. over E. slope.
51.80	Spur, slopes SW.; desc. 299 ft. over W. slope.
60.40	Ravine, course S.; asc. 384 ft. over SE. slope.
67.80	Spur, slopes SE.; desc. 145 ft. over SW. slope.
77.00	Head of draw, course S.; asc. 90 ft.
80.31	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pine, pinyon and oak; undergrowth, manzanita and oak.
	S.89°46'W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.46	Intersect W. bdy. of Tp., 12 lks. S. of the cor. of secs.

## Subdivision of T. 19 S., R. 31 E.

Chains	6 and 7, hereinbefore described.
	Thence
	N. 89° 51' E., on true line bet. secs. 6 and 7.
	Over rocky E. slope, through scattering brush, desc. 776 ft.
20.80	Gulch, course SE.; asc. 10 ft. through scattering timber and dense undergrowth.
23.30	Small spur, slopes S.; desc. 110 ft. over SE. slope.
31.10	Draw, course SE.
34.50	Small spur, slopes SE.
38.10	Bottom of Horseshoe Gulch, course SW.; asc. 240 ft. over W slope.
38.90	Trail, brs. N. and S.
40.80	Telephone line, brs NE. and SW.
47.46	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 6 and 7, with brass cap marked
	$\frac{1}{4} \begin{array}{c} S 6 \\ S 7 \\ 1934 \end{array}$
	from which
	A live oak tree, 5 ins. diam., brs. N. 23° 30' E., 28 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.
	A mountain mahogany tree, 6 ins. diam., brs. S. 5° 30' E., 64 lks. dist., mkd. $\frac{1}{4}$ S 7 BT.
	Ascend 748 ft. over W. slope.
68.00	Thence over E. slope, desc. slightly.
69.20	Small draw, course S.; asc. 271 ft. over W. slope.
79.40	Sandstone, rim, brs. NE. and SW.
85.10	Spur, slopes S.; desc. slightly.
87.46	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, gravelly loam and rocky; 2nd to 4th rate. Timber, pine, oak and pinyon; undergrowth, manzanita and oak.
	N. 0° 01' E., on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.24	Intersect N. bdy. of Tp., 27 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
	Thence
	S. 0° 13' W., on true line bet. secs. 5 and 6.
	Over SE. slope, through heavy timber and brush, desc. 233 ft.

## Subdivision of T. 19 S., R. 31 E.

Chains	
7.40	Mouth of gulch, course SE.
8.60	Telephone line, brs. NE. and SW.
10.20	Trail, brs. NE. and SW.
11.00	Bottom of Horseshoe Gulch, course SW.; asc. 417 ft. over NW. slope.
35.70	Spur, projects SW.; desc, 270 ft. over S. slope.
42.24	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 5 and 6, with brass cap marked
	$\frac{1}{4}$
	S6   S5
	1934
	from which
	An oak tree, 12 ins. diam., brs. S. 87° 45' W., 85 lks. dist., mkd. $\frac{1}{4}$ S6 BT.
	A pine tree, 12 ins. diam., brs. S. 80° 30' E., 88 lks. dist., mkd. $\frac{1}{4}$ S5 BT.
	Descend slightly.
43.70	Ravine, course SW.; asc. 130 ft.
51.70	Spur, slopes SW.
54.70	Ravine, course NW.; asc. 637 ft. over NW. slope.
79.10	Spur, slopes SW;; desc. 44 ft.
82.24	The cor. of secs. 5, 6, 7 and 8.
	Land, rough mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pine, oak, pinyon and juniper; undergrowth, oak and manzanita.

## Retracement of a portion of the boundaries of

H.E.S. No. 520.

From cor. No. 2, of H.E.S. No. 520, hereinbefore described.

S. 73° 50' W., on a random line, along line 2-3.

10.94 A point 60 lks. dist., S. 16° 10' E., from cor. No. 3, which is a cross X, chiseled on a granite ledge, 9 x 8 x 7 ft. above ground, followed by marks 3 HES 520.

The true course and distance of line 2-3, is therefore, S. 77° 00' W., 10.96 chs.

Thence from cor. No. 3.

N. 0° 03' E., on a random line, along line 3-4.

2.29 A point 10 lks. dist., S. 89° 57' W., from cor. No. 4, which is a stone, 9 x 7 x 10 ins. above ground, mkd. and witnessed as described in the official record.

## Retracement of a portion of the boundaries of

H.E.S. No. 520.

Chains	The true course and distance of line 3-4, is therefore, N.2°29'E., 2.29 chs.
	Thence from cor. No. 4.
	N.8°40'W., on a random line, along, line 4-15
.50	A point 1 lk. dist., S.81°20'W., from cor. No. 15, which is a stone, 16 x 4 x 10 ins. above ground, mkd. and witnessed as described in the official record.
	The true course and distance of line 4-15, is therefore, N.7°46'W., 50 lks.
	Thence from cor. No. 15.
	N.0°14'W., on a random line, along line 15-16.
4.39	A point 8 lks. dist., S.89°46'W., from cor. No. 16, hereinbefore described.
	The true course and distance of line 15-16, is therefore, N.0°47'E., 4.39 chs.
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	From cor. No. 11, of H.E.S. No. 520, hereinbefore described.
	N.8°15'W., on a random line, along line 11-12
36.70	A point 64 lks. dist., S.81°45'W., from cor. No. 12, hereinbefore described.
	The true course and distance of line 11-12, is therefore, N.7°15'W., 36.71 chs.
	-----
	From cor. No. 1, of H.E.S. No. 520, hereinbefore described.
	N.0°32'E., on a random line, along, line 1-8.
2.14	A point 8 lks. dist., N.89°28'W., from cor. No. 8, which is a stone, 10 x 9 x 10 ins. above ground, mkd. and witnessed as described in the official record.
	The true course and distance of line 1-8, is therefore, N.2°33'E., 2.14 chs. dist.
	Thence from cor. No. 8.
	N.0°32'E., on a random line, along line 8-9.
.50	A point 2 lks. dist., N.89°28'W., from cor. No. 9, which is a stone, 10 x 8 x 10 ins. above ground, mkd. and witnessed as described in the official record.
	The true course and distance of line 8-9, is therefore, N.2°33'E., 50 lks. dist.
	Thence from cor. No. 9.
	N.0°32'E., on a random line, along line 9-13.
7.88	A point 28 lks. dist., N.89°28'W., from cor. No. 13, hereinbefore described.
	The true course and distance of line 9-13, is therefore,



## Retracement of a portion of the boundaries of

H.E.S. No. 520.

Chains N. 2°33'E., 7.88 chs. dist.

## Final test of Instrument

April 29, 1934: At station in the NE.  $\frac{1}{4}$  of sec. 21, T. 19 S., R. 31 E., lat. 31°46'N., long. 109°10'W., at 5h 30m 06s a.m., by my watch, which reads correct 105th meridian time, having been recently compared with a Western Union clock, I observe Polaris at E. elongation, making two observations, each with the telescope in the direct and reverse positions, and mark the mean point on the line thus determined, with a tack in a stake, 7 chs. N. After sunrise, I lay off the azimuth of Polaris 1°14'05", and make a meridian mark on a second stake, 15.1 lks. to the west of the mean point in the line determined by the observation. I verify the angle by a vernier reading of the instrument.

At 9 a.m., app.t., I set off 31°46'N., on the lat. arc; 14°24'N., on the decl. arc, and orient the instrument with the solar. The line of sight agrees within 1' of the meridian established by Polaris observation.

At 3 p.m., app.t., I set off 31°46'N., on the lat. arc; 14°29'N., on the decl. arc, and repeat the test of the solar. The line of sight again agrees within 1' of the meridian established by Polaris observation.

## General description

Township 19 South, Range 31 East, is situated about fifty miles northeast of Douglas, Arizona, and may be reached by the main highway leading through Douglas and Lordsburg, New Mexico. The land in this township is generally rough, being broken by many ridges and cross spurs. The elevation ranges from about 5,100 to 6,500 ft. above sea level. Horseshoe Gulch, which enters the township on the north boundary of section 5, drains in a southwest direction through sections 6, 7, and 18, and thence easterly passing out of the township on the east boundary of section 13, forms the main drainage basin of the township.

The soil is generally rocky and gravelly on the hills and ridges, and sandy loam on the lower lands and in the gulch bottoms. There is considerable pine timber in the northwest part of the township, especially along the basin of Horseshoe Gulch, through sections 6, 7 and 18. The remainder of the township has a more or less scattering growth of pinyon, juniper and oak. Along the lower portion of the south and east boundaries, there is a scattering growth of mesquite and cactus. The land is chiefly valuable for grazing purposes. There is but one settler in the township.

115  
51

4-680  
(Revised May 1934)

### FIELD ASSISTANTS

NAMES	CAPACITY
Howard W. Blout	First chairman
James B. Chumbley	Second chairman
Cecil K. Crumby	Flagman
Clarence P. Schlansky	Cornerman
O.A. Stone	Axman

CERTIFICATE OF UNITED STATES SURVEYER

I, Charles E. Hunter, U.S. Transitman, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 25th day of October 1933,  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated Jan. 27, 1934, I have ~~correct~~ dependently resurveyed the  
N. bdy. of T. 20 S., R. 31 E., and a portion of the W. bdy. of T. 19 S.,  
R. 32 E.; established corners on a portion of the E. bdy., independ-  
ently resurveyed the W. bdy., surveyed the N. bdy., and surveyed and  
independently resurveyed the subdivisional lines of  
Township 19 South, Range 31 East,  
of the Gila & Salt Riv. Meridian, in the State of Arizona, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that said  
and resurvey  
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.  
Glendale, California, Charles E. Hunter  
June 29, 1934. U.S. Transitman.

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, February 11, 1935

The foregoing field notes of the ~~survey~~ dependent resurvey of the N. bdy. of T.  
20 S., R. 31 E., and a portion of the W. bdy. of T. 19 S., R. 32 E.;  
establishment of corners on a portion of the E. bdy., independent  
resurvey of the W. bdy., survey of the N. bdy., and survey and indep-  
endent resurvey of subdivisional lines of Township 19 South, Range 31  
East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Charles E. Hunter, U.S. Transitman,  
under special instructions dated October 25, 1933, and assignment  
instructions dated January 27, 1934, having been critically examined, and  
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey  
and resurvey  
therein described, are hereby approved.

Frank M. Johnson  
U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 19 S.,  
R. 31 E., G. & S.R.M is a true copy of the original field notes on file in the public survey office.

  
U.S. Supervisor of Surveys.