

BOOK 3935

## FIELD NOTES

OF THE SURVEY OF THE

WEST BOUNDARY

NORTH BOUNDARY

AND

PART (COMPLETION) OF SUBDIVISION LINES

OF

TOWNSHIP 5 NORTH, RANGE 22 EAST

Of the Gila and Salt River Base and Meridian,of the State of Arizona  
All within the Fort Apache Indian Reservation

EXECUTED BY

William E. HiesterU.S. Surveyorin the capacity of U. S. Surveyor..., under Special Instructions dated October 16,

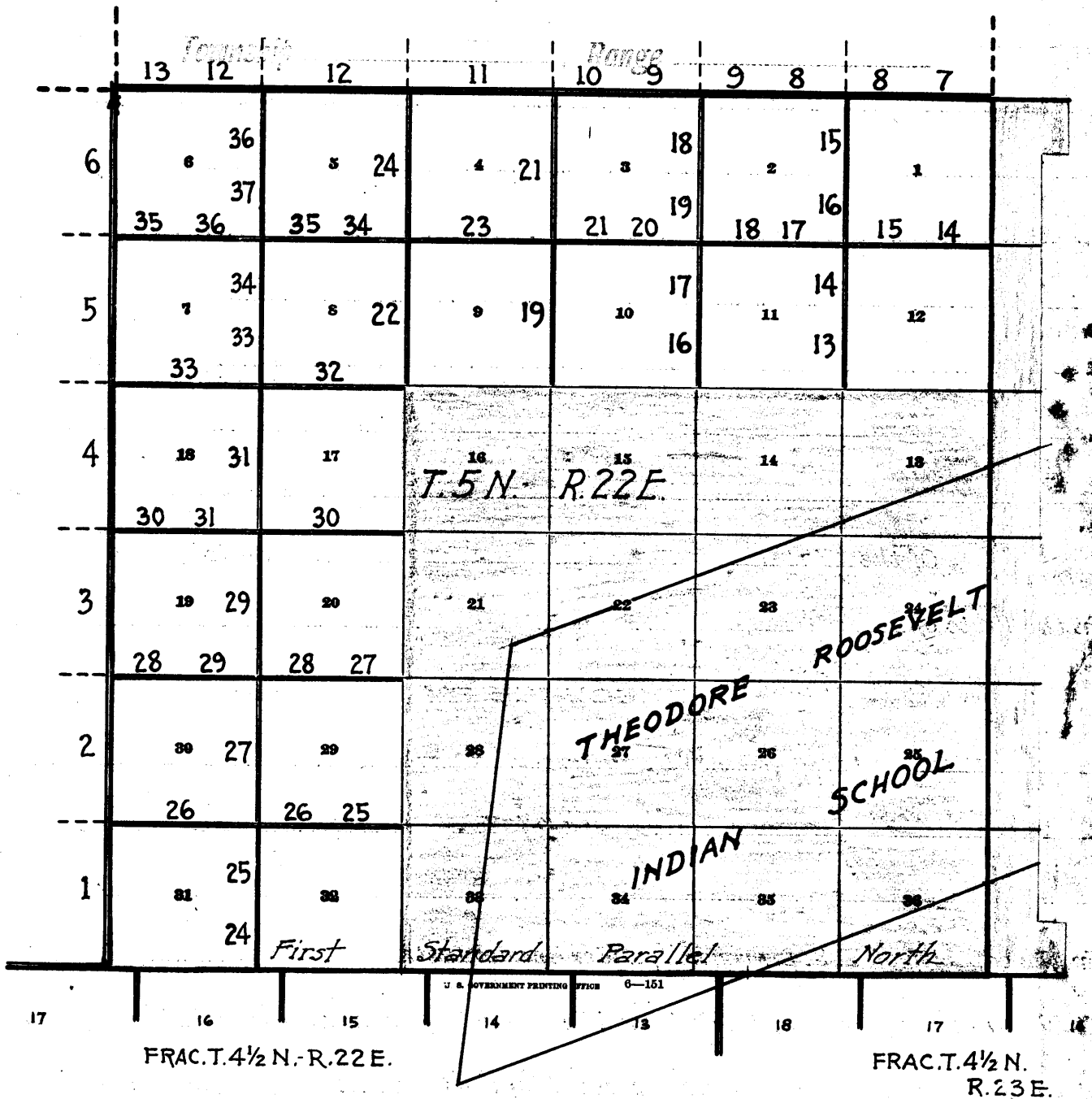
..., issued by the District Cadastral Engineer to govern surveys included in Group


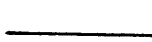


165 Arizona, which were approved by the Commissioner of the General Land..., March 26, 1931..., and Assignment Instructions dated March 31, 1931Survey commenced June 20, 1931Survey completed August 2, 1931

1A

BOOK 3935

# INDEX DIAGRAM.



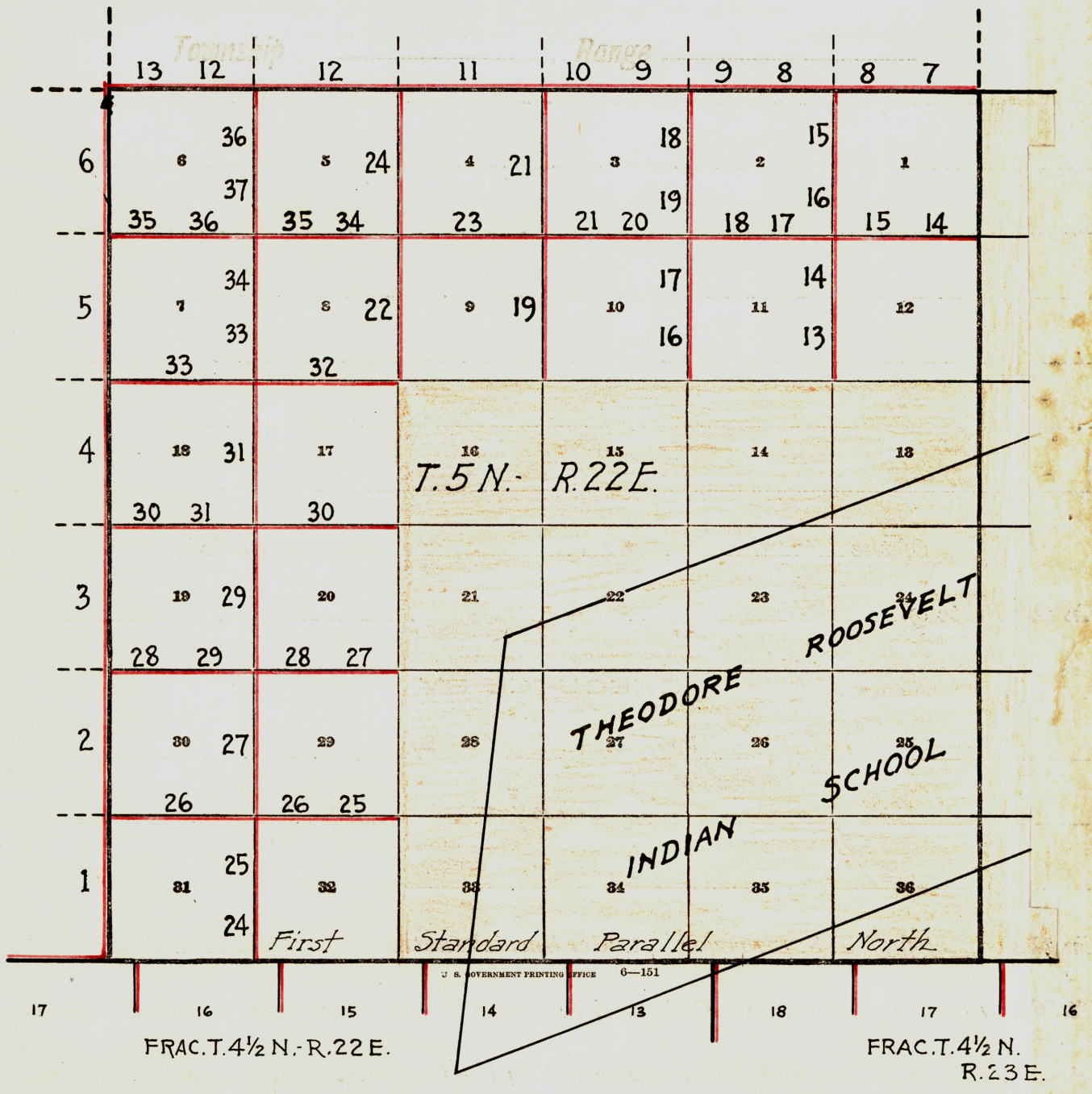
-  Lines surveyed under this group.
-  Accepted surveys.
-  Unsurveyed.
-  Areas surveyed as per accepted plats on file.

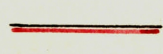
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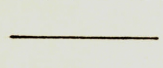
BLANK NOTES  
FOR SURVEYING

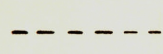
BOOK 3935


# INDEX DIAGRAM.



 Lines surveyed under this group.

 Accepted surveys.

 Unsurveyed.

 Areas surveyed as per accepted plats on file.

Chains. Survey commenced June 20, 1931, and executed with Buff and Buff transit No. 19423, with Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.  
For preliminary test, see final test of the instrument on a meridian determined by observation on Polaris, in the field notes of exteriors and subdivisions of T.4 $\frac{1}{2}$  N., R. 23 E., in "book "B" of this group.

Beginning at the standard cor. of Tps. 5 N., Rs. 21 and 22 E., which is an iron post, 3 ins. diam., 12 ins. above ground and in a mound of stone to top, mkd. and witnessed as described in the official record.

North, bet. secs. 31 and 36.

Over mountainous land, through scattering timber and undergrowth.

Ascend 19 ft. over E. slope.

6.50 Descend 96 ft. over NE. slope.

23.00 Ravine, course NE.; asc. 21 ft. over SW. slope.

25.00 Spur, slopes NE.; desc. 163 ft. over N. slope

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

$\frac{1}{4}$

S36 | S31

1931

from which

A cedar, 6 ins. diam., bears S. 55 $\frac{1}{2}$ ° E., 10 lks. dist., mkd.  
 $\frac{1}{4}$  S 31 B T.

A cedar, 6 ins. diam., bears S. 40° W., 49 lks. dist., mkd.  
 $\frac{1}{4}$  S 36 B T.

Descend 12 ft. over N. slope.

41.20 Draw, course NE.; asc. 6 ft. over SE. slope.

45.00 Descend 94 ft. over gradual N. slope.

60.27 Wash, 100 lks. wide, course E.

73.16 Ravine, course E.; asc. 26 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T5N

R21E R22E

S25 | S30

S36 | S31

1931

from which

A cedar, 10 ins. diam., bears N. 51° E., 166 lks. dist., mkd.  
T 5 N R 22 E S 30 B T.

WEST BOUNDARY OF T.5 N., R.22 E.

- Chains. A cedar, 10 ins. diam., bears S.  $78^{\circ}$  E., 193 lks. dist., mkd.  
T 5 N R 22 E S 31 B T.
- A cedar, 6 ins. diam., bears S.  $43\frac{1}{2}^{\circ}$  W., 213 lks. dist., mkd.  
T 5 N R 21 E S 36 B T.
- A cedar, 10 ins. diam., bears N.  $30\frac{1}{2}^{\circ}$  W., 209 lks. dist., mkd.  
T 5 N R 21 E S 25 B T.

Land, mountainous.  
Soil, clay and rocky; 2nd and 4th rates.  
Timber, pine, fir, cedar, oak, pinon and juniper; undergrowth,  
scrub oak, mahogany, manzanita, chamisal and grass.

North, bet. secs. 25 and 30.

Over rolling land, through scattering timber and undergrowth.

Assend 87 ft. over gradual S. slope.

11.90 Road, bears W. to Globe, Arizona., and E. to Fort Apache.

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

$\frac{1}{4}$   
S25 | S30  
1931

from which

A cedar, 14 ins. diam., bears N.  $43\frac{3}{4}^{\circ}$  E., 58 lks. dist., mkd.  
 $\frac{1}{4}$  S 30 B T.

A cedar, 8 ins. diam., bears S.  $19\frac{1}{4}^{\circ}$  W., 53 lks. dist., mkd.  
 $\frac{1}{4}$  S 25 B T.

Asecmd 76 ft. over gradual SE. slope.

40.10 Draw, course SW.

43.70 Same draw, course SE.

55.70 Ravine, 20 ft. deep, course SE.

62.00 Spur, slopes SE.; continue along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the  
ground, for cor. of secs. 19, 24, 25 and 30, with brass cap  
marked.

T5N  
R21E R22E  
S24 | S19  
S25 | S30  
1931

from which

A cedar, 8 ins. diam., bears N.  $67^{\circ}$  E., 36 lks. dist., mkd.  
T 5 N R 22 E S 19 B T.

A cedar, 5 ins. diam., bears S.  $17^{\circ}$  E., 52 lks. dist., mkd.  
T 5 N R 22 E S 30 B T.

A cedar, 6 ins. diam., bears S.  $45^{\circ}$  W., 121 lks. dist., mkd.  
T 5 N R 21 E S 25 B T.

Chains A pinon, 5 ins. diam., bears N.12°W., 07 lks. dist., mkd.  
T 5 N R 21 E S 24 B T.

Land, rolling.  
Soil, gravelly; 3rd rate.  
Timber, scattering pine, cedar, pinon, oak and fir; undergrowth,  
willow, scrub oak, manzanita, mahogany and bear grass.

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North, bet. secs. 19 and 24.

Over mountainous land, through scattering timber and under-  
growth.

Ascend 109 ft. over SE. slope.

28.68 Wash, 20 lks. wide, course SE.

37.00 Descend 14 ft. over NE. slope.

39.90 Wash, 5 lks. wide, course SE.

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

$\frac{1}{4}$   
S24 | S19  
1931

from which

A pinon, 10 ins. diam., bears N.50°E., 30 lks. dist., mkd.  
 $\frac{1}{4}$  S 19 B T.

A pinon, 5 ins. diam., bears S.54°W., 32 lks. dist., mkd.  
 $\frac{1}{4}$  S 24 B T.

Ascend 159 ft. over SW. slope.

44.40 Old road, bears E. and W.

48.40 Spur, slopes SE.; desc. 35 ft. over NE. slope.

54.80 Wash, 39 lks. wide, course SE.; asc. 180 ft. over SW. slope.

66.80 Spur, slopes SE.; continue along E. slope.

72.80 Spur, slopes SE.; desc. 53 ft. over NE. slope.

76.64 Wash, 10 lks. wide, course SE.; asc. 53 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
ground, for cor. of secs. 13, 18, 19 and 24, with brass cap  
marked.

T5N  
R21E | R22E  
S13 | S18  
S24 | S19  
1931

from which

A cedar, 5 ins. diam., bears N.52 $\frac{1}{2}$ °E., 32 lks. dist., mkd.  
T 5 N R 22 E S 18 B T.

A pinon, 6 ins. diam., bears S.57 $\frac{1}{2}$ °E., 22 lks. dist., mkd.  
T 5 N R 22 E S 19 B T.

WEST BOUNDARY OF T.5 N., R.22 E.

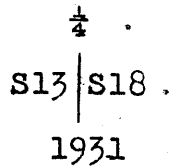
Chains  
 A cedar, 3 ins. diam., bears S. 28° W., 50 lks. dist., mkd.  
 B T only.  
 A pinon, 5 ins. diam., bears N. 80½° W., 40 lks. dist., mkd.  
 T 5 N R 21 E S 13 B T.  
 Land, mountainous.  
 Soil lime stone formation; 3 rd rate.  
 Timber, pine, juniper, oak pinon and cedar; undergrowth, scrub  
 oak, manzanita, cactus and grass.

North, bet. secs. 13 and 18.

Over mountainous land, through scattering timber and dense  
 undergrowth.

Ascend 52 ft. over S. slope.

- 3.72 Spur, slopes E.; desc. 152 ft. over NE. slope.
- 17.90 Wash, 20 lks. wide, course NE.
- 21.40 Wash, 10 lks. wide, course NE.; asc. 12 ft. over SE. slope.
- 24.70 Low spur, slopes NE.; desc. 29 ft. over NW. slope.
- 28.70 Telephone line, bears E. and W.
- 28.90 Wash, 30 lks. wide, course E.; asc. 101 ft. over brushy S. slope.
- 29.10 Road, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor. with brass cap marked.



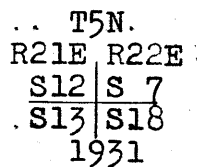
from which

A pinon, 5 ins. diam., bears S. 78½° E., 27 lks. dist., mkd.  
 ¼ S 18 B T.

A pinon, 5 ins. diam., bears S. 50½° W., 16 lks. dist., mkd.  
 ¼ S 13 B T.

Ascend 425 ft. over steep S. slope.

- 55.30 Top of high spur, slopes SE.; desc. 123 ft. over NE. slope.
- 66.30 Head of ravine, course E.; asc. 25 ft. over SE. slope.
- 68.30 Spur, slopes NE.; desc. 261 ft. over NW. slope.
- 78.77 Wash, 20 lks. wide, course NE.; asc. 7 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
 ground, for cor. of secs. 7, 12, 13 and 18, with brass cap  
 marked



from which

- Chains
- A yellow pine, 10 ins. diam., bears N.  $54^{\circ}$  E., 38 lks. dist., mkd. T 5 N R 22 E S 7 B T.
  - A yellow pine, 6 ins. diam., bears S.  $53^{\circ}$  E., 06 lks. dist., mkd. T 5 N R 22 E S 18 B T.
  - A cedar, 6 ins. diam., bears S.  $41\frac{1}{2}^{\circ}$  W., 60 lks. dist., mkd. T 5 N R 21 E S 13 B T.
  - A cedar, 5 ins. diam., bears N.  $36\frac{3}{4}^{\circ}$  W., 16 lks. dist., mkd. T 5 N R 21 E S 12 B T.

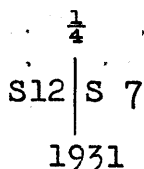
Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, pine, fir, cedar, pinon, oak and juniper; undergrowth, scrub oak, manzanita, willow, mahogany and grass.

North, bet. secs. 7 and 12.

Over mountainous land, through scattering timber and dense undergrowth.

Ascend 104 ft. over SE. slope.

- 7.80 Top of ascent.; desc. 87 ft. along E. slope.
- 15.60 Wash, 5 lks. wide, course SE.; asc. 7 ft.
- 18.20 Top of ascent.; desc. 25 ft.
- 19.30 Wash, 5 lks. wide, course SE.; asc. 35 ft. over SE. slope.
- 22.70 Spur, slopes SE.; desc. 22 ft. over NE. slope.
- 26.10 Wash, 10 lks. wide, course E.; asc. 158 ft. over SE. slope.
- 37.26 Trail, bears SE. and NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap marked.



from which

- A live oak, 5 ins. diam., bears S.  $83\frac{1}{2}^{\circ}$  E., 54 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.
- A black oak, 5 ins. diam., bears N.  $57^{\circ}$  W., 21 lks. dist., mkd.  $\frac{1}{4}$  S 12 B T.

Ascend 68 ft. over SE. slope.

- 51.44 Top of ascent.; desc. 10 ft. over NE. slope.
- 54.30 Ascend 40 ft. over SE. slope.
- 61.80 Spur, slopes SE.; desc. 42 ft. over N. slope.
- 63.50 Ravine, course E.; asc. 98 ft. over S. slope.
- 69.90 Spur, slopes E.; desc. 137 ft. over NE. slope.



Chains.  
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T5N	
R21E	R22E
S 1	S 6
S 12	S 7
1931	

from which

A cedar, 10 ins. diam., bears N. 37 $\frac{1}{4}$ ° E., 33 lks. dist., mkd. T 5 N R 22 E S 6 B T.

A juniper, 5 ins. diam., bears S. 66 $\frac{3}{4}$ ° E., 39 lks. dist., mkd. T 5 N R 22 E S 7 B T.

A cedar, 12 ins. diam., bears S. 62° W., 35 lks. dist., mkd. T 5 N R 21 E S 12 B T.

A cedar, 10 ins. diam., bears N. 10 $\frac{1}{4}$ ° W., 32 lks. dist., mkd. T 5 N R 21 E S 1 B T.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, pine, fir, cedar, pinon, oak and juniper; undergrowth, scrub oak, manzanita, mahogany and bear grass.

North, bet. secs. 1 and 6.

Over mountainous land, through scattering timber and dense undergrowth.

0.20 Wash, 20 lks. wide, course E.; asc. 63 ft. over S. slope.

5.00 Spur, slopes E.; desc. 103 ft. over NE. slope.

19.46 Ravine, course SE.; asc. 111 ft. over SW. slope.

30.00 Spur, slopes SE.; desc. 114 ft. over NE. slope.

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

$\frac{1}{4}$	
S 1	S 6
1931	

from which

A yellow pine, 18 ins. diam., bears S. 82 $\frac{1}{2}$ ° E., 19 lks. dist. mkd.  $\frac{1}{4}$  S 6 B T.

A cedar, 5 ins. diam., bears N. 60 $\frac{3}{4}$ ° W., 34 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

40.20 Wash, 20 lks. wide, course SE.; asc. 127 ft. over S. slope.

46.50 Spur, slopes SE.; desc. 144 ft. over NE. slope.

63.40 Wash, 20 lks. wide, course S. 30° E.; asc. 122 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for cor. of Tps. 5 and 6 N., Rs. 21 and 22 E., with brass cap marked.

Chains

T6N  
R21E.R22E  
S36|S31  
S.1|S 6.  
T5N.  
1931

from which

An oak,8 ins.diam.,bears N.25 $\frac{1}{4}$ °E.,10 lks.dist.,mkd.  
T 6 N R 22 E S 31 B T.

A yellow pine,10 ins.diam.,bears S.71 $\frac{1}{2}$ °E.,74 lks.dist.,  
mkd.T 5 N R 22 E S.6 B T..

An oak,4 ins.diam.,bears S.31°W.,25 lks.dist.,mkd. T  
5 N R 21 E S 1 B T.

An oak,10 ins.diam.,bears N.38 $\frac{1}{2}$ °W.,30 lks.dist.,mkd.  
T 6 N R 21 E S 36 B T.

Land,mountainous.  
Soil,rocky;4th rate.  
Timber,scattering pine,fir,cedar,pinon.oak,and juniper;  
undergrowth,mahogany,manzanita,willow and bear grass.

NORTH BOUNDARY OF T.5 N.,R.22 E.

Beginning at the cor.of Tps.5 and 6 N.,Rs.21 and 22 E.,  
hereinbefore described, thence,  
East,on a random line,setting temp. $\frac{1}{4}$  sec.and sec.cors.  
at intervals of 40.00 chs.bet.Tps.5 and 6 N.,R.22 E.At  
479.63 chs.,intersect the W.bdy.of T.5 N.,R.23 E.,28 lks.  
S.of the cor.of Tps.5 and 6 N.,Rs.22 and 23 E.,The corr-  
ection is 5 lks.N.per mile,counting from the W. end of  
the cor.of Ts.5 & 6 N.,Rs.22 & 23 E.is an iron post,3 ins.diam.,projecting  
16 ins.above ground,firmly set in ground and mound of stone, mkd. and  
witnessed as described, in the official record, Thence,

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

Over level land,through scattering timber and dense under-  
growth.

Ascend 125.ft.over gradual E.slope.

0.62 Telephone line,bears N.and S.

1.20 Highway,bears N.to Snowflake,and S.to White River.

3.00 Old road,bears N.and S.

14.98 Draw,course SE.

16.38 Old road,bears SE.and NW.

29.20 Wash,150 lks.wide,course SE.;continue ascending over NE.  
slope.

37.00 Spur,slopes NE.;desc.7 ft.over NW.slope.

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

S 36  
 $\frac{1}{4}$  ———  
S 1.  
1931

from which

Chains	<p>A yellow pine, 6 ins. diam., bears N. <math>58\frac{1}{2}^{\circ}</math> E., 119 lks. dist., mkd. <math>\frac{1}{4}</math> S 36 B T.</p> <p>A yellow pine, 8 ins. diam., bears S. <math>78\frac{1}{2}^{\circ}</math> E., 86 lks. dist., mkd. <math>\frac{1}{4}</math> S 1 B T.</p> <p>Ascend 47 ft. along N. slope.</p>
40.80	Ravine, course NE.
41.80	Same ravine, course NE.; continue ascending over SE. slope.
43.56	Old road, bears NE, and SW.
44.00	Spur, slopes NE.; desc. 29 ft. over NW. slope.
46.40	Ravine, course NE.; asc. 584 ft. over SE. slope.
49.70	Continue ascending over E. slope.
78.00	Ridge, bears N. and S.; desc. 44 ft. over W. slope.
79.90	Trail, bears N. and S.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.
	<p>T6N R22E  S35   S36  S 2   S 1  T5N.  1931</p>
	from which
	<p>A juniper, 10 ins. diam., bears N. <math>39\frac{1}{2}^{\circ}</math> E., 58 lks. dist., mkd. T 6 N R 22 E S 36 B T.</p> <p>A pinon, 8 ins. diam., bears S. <math>72\frac{3}{4}^{\circ}</math> E., 47 lks. dist., mkd. T 5 N R. 22 E. S 1 B T.</p> <p>A pinon, 5 ins. diam., bears S. <math>86\frac{1}{4}^{\circ}</math> W., 15 lks. dist., mkd. T 5 N R 22 E S 2 B T.</p> <p>A pinon, 10 ins. diam., bears N. <math>52^{\circ}</math> W., 34 lks. dist., mkd. T 6 N R 22 E S 35 B T.</p>
	<p>Land, level and mountainous.  Soil, sandy loam and rocky; 2nd and 3rd rates.  Timber, pine, fir, cedar, pinon, oak and juniper; undergrowth,  Scrub oak, mahogany, manzanita, willow, maple and bear grass.</p>
	<p>S. <math>89^{\circ}58'</math> W., on a true line, bet. secs. 2 and 35.</p> <p>Over mountainous land, through scattering timber and undergrowth.</p> <p>Descend 137 ft. over NW. slope.</p>
5.30	Wash, 10 lks. wide, course S. $20^{\circ}$ W.; asc. 146 ft. over SE. slope.
12.80	Spur, slopes SW.; desc. 487 ft. over NW. slope.
27.70	Ravine, course SW.
32.01	Fence, bears N. and S.

- Chains  
 34.20 Wire fence, across wash, 100 lks. wide, course SW.; asc. 17 ft. over SE. slope.  
 35.72 Road, bears NE. and SW.  
 37.12 Fence, bears NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap marked.

$\frac{1}{4}$   $\frac{S \ 35}{S \ 2}$   
 1931

from which

A yellow pine, 10 ins. diam., bears N.  $21\frac{1}{2}^\circ$  E., 82 lks. dist., mkd.  $\frac{1}{4}$  S 35 B T.

A yellow pine, 12 ins. diam., bears S.  $25\frac{1}{2}^\circ$  E., 174 lks. dist., mkd.  $\frac{1}{4}$  S 2 B T.

Ascend 208 ft. over SE. slope.

- 54.16 Fence, bears N. and S.; also wash, 50 lks. wide, course SE.  
 55.26 Trail, bears SE. and NW.  
 64.00 Trail, bears SE. and NW.  
 71.10 Spur, slopes SE.; desc. 36 ft. over SW. slope.; desc. 36 ft.  
 76.50 Wash, 20 lks. wide, course SE.; asc. 51 ft. over NE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T6N R22E  
 $\frac{S34}{S3}$  |  $\frac{S35}{S2}$   
 T5N  
 1931

from which

An oak, 4 ins. diam., bears N.  $51\frac{1}{4}^\circ$  E., 53 lks. dist., mkd. B T only.

A yellow pine, 10 ins. diam., bears S.  $67\frac{3}{4}^\circ$  E., 118 lks. dist., mkd. T 5 N R 22 E S 2 B T.

An oak, 3 ins. diam., bears S.  $53^\circ$  W., 41 lks. dist., mkd. T 5 N R 22 E S 3 B T.

A juniper, 8 ins. diam., bears N.  $64\frac{3}{4}^\circ$  W., 113 lks. dist., mkd. T 6 N R. 22 E S 34 B T.

Land, mountainous..

Soil, sandy loam and rocky; 2nd and 3rd rates.

Timber, pine, fir, oak, walnut, pinon, cedar and juniper; undergrowth, scrub oak, willow, manzanita, mahogany and grass.

S.  $89^\circ 58' W.$ , on a true line, bet. secs. 3 and 34.

Over mountainous land, through scattering timber and dense undergrowth.

Ascend 61 ft. over brushy NE. slope.

Chains

- 9.40 Spur, slopes SE.; desc. 115 ft. over SW. slope.
- 21.77 Gulch, course SE.; heads about 7.00 chs. NW.; asc. 181 ft. over NE. slope.
- 32.50 Ridge, bears N. and S.; desc. 104 ft. over W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap marked.

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


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S 3  
1931

from which

A pinon, 8 ins. diam., bears N.  $46\frac{1}{2}^\circ$  E., 50 lks. dist., mkd.  $\frac{1}{4}$  S 34 B T.

A pinon, 6 ins. diam., bears S.  $4\frac{3}{4}^\circ$  W., 24 lks. dist., mkd.  $\frac{1}{4}$  S 3 B T.

Descend 139 ft. over W. slope.

- 43.60 Wash, 20 lks. wide, course S.; asc. 214 ft. over SE. slope.
- 54.00 Spur, slopes S.; desc. 283 ft. over SW. slope.
- 66.06 Trail, bears N. and S.
- 66.50 Wash, 25 lks. wide, course S.; asc. 265 ft. over E. slope.
- 70.00 Continue ascending over NE. slope.
- 79.80 Spur, slopes N.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T6N R22E  
S33 | S34  
S 4 | S 3  
T5N  
1931

from which

A pinon, 6 ins. diam., bears N.  $47\frac{3}{4}^\circ$  E., 57 lks. dist., mkd. T 6 N R 22 E S 34 B T.

A pinon, 6 ins. diam., bears S.  $51^\circ$  E., 41 lks. dist., mkd. T 5 N R 22 E S 3 B T.

A yellow pine, 5 ins. diam., bears S.  $64\frac{3}{4}^\circ$  W., 42 lks. dist. mkd. T 5 N R 22 E S 4 B T.

A pinon, 6 ins. diam., bears N.  $29^\circ$  W., 56 lks. dist., mkd. T 6 N R 22 E S 33 B T.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, scattering pine, fir, oak and cedar; undergrowth, scrub oak, manzanita, mahogany, willow and bear grass.

Chains. S.89°58'W., on a true line, bet. secs. 4 and 33.

Over mountainous land, through scattering timber and dense undergrowth.

Descend 41 ft. over NW. slope.

1.90 Ravine, course N.; asc. 137 ft. over NE. slope.

12.40 Spur, slopes NE.; desc. 20 ft. over NW. slope.

14.75 Ravine, course NE.; asc. 62 ft. over SE. slope.

17.75 Continue ascending over NE. slope.

20.00 Thence over rolling land.

32.00 Descend 86 ft. over W. slope.

37.78 Ravine, course S.; asc. 33 ft. over E. slope.

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

$\frac{1}{4}$  S 33  
 S 4  
 1931

from which

A pinon, 12 ins. diam., bears N. 42 $\frac{1}{2}$ ° E., 83 lks. dist., mkd.  $\frac{1}{4}$  S 33 B T.

A pinon, 14 ins. diam., bears S. 32 $\frac{1}{2}$ ° E., 27 lks. dist., mkd.  $\frac{1}{4}$  S 4 B T.

Ascend 38 ft. over E. slope.

48.70 Spur, slopes S.; desc. 71 ft. over SW. slope.

58.10 Ravine, course SW.; asc. 4 ft. over SE. slope.

61.70 Spur, slopes SW.; desc. 198 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T6N R22E  
 S32 | S33  
 S 5 | S 4  
 T5N  
 1931

from which

A cedar, 12 ins. diam., bears N. 57 $\frac{3}{4}$ ° E., 43 lks. dist., mkd. T 6 N R 22 E S 33 B T.

A juniper, 14 ins. diam., bears S. 15° E., 70 lks. dist., mkd. T 5 N R 22 E S 4 B T.

A yellow pine, 18 ins. diam., bears S. 51 $\frac{3}{4}$ ° W., 121 lks. dist., mkd. T 5 N R 22 E S 5 B T.

A yellow pine, 30 ins. diam., bears N. 30 $\frac{1}{2}$ ° W., 70 lks. dist., mkd. T 6 N R 22 E S 32 B T.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 Timber, scattering pine, fir, cedar, pinon, oak and juniper; undergrowth, scrub oak, manzanita, mahogany and grass.

Chains. S.89°58'W., on a true line, bet. secs. 5 and 32.  
 Over mountainous land, through scattering timber and dense undergrowth.  
 Descend 9 ft. over NW. slope.  
 .85 Wash, 10 lks. wide, course S.; asc. 332 ft. over broken E. slope  
 22.50 Spur, slopes S.; desc. 147 ft. over SW. slope.  
 31.80 Ravine, course SE.; asc. 98 ft. over E. slope.  
 37.80 Ridge, bears N. and S.; desc. 49 ft. over W. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap marked.

S 32  
 $\frac{1}{4}$  ———  
 S 5  
 1931

from which

A juniper, 4 ins. diam., bears N. 83 $\frac{1}{2}$ ° E., 70 lks. dist., mkd. B T only.

A juniper, 5 ins. diam., bears N. 15 $\frac{3}{4}$ ° W., 110 lks. dist., mkd.  $\frac{1}{4}$  S 32 B T.

Descend 228 ft. over SW. slope.

60.00 Wash, 20 lks. wide, course SW.; asc. 124 ft. over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T6N R22E  
 S31 | S32  
 S 6 | S 5  
 T5N  
 1931

from which

A cedar, 4 ins. diam., bears N. 67 $\frac{1}{2}$ ° E., 32 lks. dist., mkd. T 6 N R 22 E S 32 B T.

A juniper, 8 ins. diam., bears S. 57° E., 114 lks. dist., mkd. T 5 N R 22 E S 5 B T.

A cedar, 5 ins. diam., bears S. 19 $\frac{1}{4}$ ° W., 88 lks. dist., mkd. T 5 N R 22 E S 6 B T.

An oak, 4 ins. diam., bears N. 43 $\frac{3}{4}$ ° W., 23 lks. dist., mkd. T 6 N R 22 E S 31 B T.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 Timber, scattering pine, fir, cedar, oak, pinon and juniper;  
 undergrowth, scrub oak, manzanita, mahogany and bear grass.

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

Over mountainous land, through scattering timber and dense undergrowth.

Ascend 24 ft. over E. slope.

Chains.	<p>3.03 Spur, slopes S.; desc. 183 ft. over NW. slope.</p> <p>14.43 Ravine, course SW.; asc. 34 ft. over SE. slope.</p> <p>18.60 Spur, slopes SW.; desc. 118 ft. over SW. slope.</p> <p>25.50 Wash, 20 lks. wide course SE.; asc. 75 ft. over NE. slope.</p> <p>27.63 Old road, bears SE. and NW.</p> <p>33.83 Spur, slopes NE.; desc. 11 ft. over NW. slope.</p> <p>37.40 Ravine, course NE.; asc. 55 ft. over NE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap marked.</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \begin{array}{l} S\ 31 \\ \hline S\ 6 \\ 1931 \end{array}</math> </div> <p style="text-align: right;">from which</p> <p>A cedar, 10 ins. diam., bears S. 61° W., 10 lks. dist., mkd. <math>\frac{1}{4}</math> S 6 B T.</p> <p>A cedar, 6 in. diam., bears N. 7<math>\frac{1}{2}</math>° W., 24 lks. dist., mkd. <math>\frac{1}{4}</math> S 31 B T.</p> <p>Ascend 200 ft. over SE. slope.</p> <p>59.60 Spur, slopes S.; desc. 128 ft. over NW. slope.</p> <p>68.13 Wash, 20 lks. wide, course SW.; asc. 30 ft. over SE. slope.</p> <p>71.60 Spur, slopes SW.; desc. 41 ft. over W. slope.</p> <p>79.63 The cor. of Tps. 5 and 6 N., Rs. 21 and 22 E., hereinbefore described.</p> <p>Land, mountainous. Soil, rocky; 4th rate. Timber, pine, fir, cedar, oak, pinon and juniper; undergrowth, manzanita, scrub oak, mahogany and bear grass.</p>
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PART (Completion) of the SUBDIVISIONS, of T.5 N., R.22 E.

A portion of the subdivisional lines of T.5 N., R.22 E., was surveyed by John L. Warboys, U.S. Surveyor in 1929. The following notes describe a survey of the remaining portion of the subdivisional lines, completing the subdivision of the Tp.

Commence the subdivisional survey at the cor. of secs. 11, 12, 13 and 14, which is an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the top of a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, mkd. and witnessed as described in the official record.

Thence

N. 0° 1' W., bet. secs. 11 and 12.

Over mountainous land, through scattering timber and undergrowth.

Ascend 233 ft. over SE. slope.

6.80 Top of rim rocks, 20 ft. high, bears NE. and SW.; continue



SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	over level mesa land.
11.80	Rim of mesa, bears SE. and NW.; desc. 75 ft. over NE. slope.
21.00	Draw, course E.; asc. 75 ft. over SE. slope.
32.90	Rim of mesa, bears NE. and SW.; asc. 32 ft. over rolling mesa land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4}$ S11   S12 1931
	from which
	A juniper, 8 ins. diam., bears N. 52° E., 119 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.
	A juniper, 10 ins. diam., bears S. 72 $\frac{1}{2}$ ° W., 73 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.
	T5N R22E S 2   S 1 S11   S12 1931
	from which
	A cedar, 10 ins. diam., bears N. 77 $\frac{1}{2}$ ° E., 77 lks. dist., mkd. T 5 N R 22 E S 1 B T.
	A cedar, 5 ins. diam., bears S. 52 $\frac{1}{4}$ ° E., 33 lks. dist., mkd. T 5 N R 22 E S 12 B T.
	A pinon, 5 ins. diam., bears S. 66 $\frac{3}{4}$ ° W., 78 lks. dist., mkd. T 5 N R 22 E S 11 B T.
	An oak, 5 ins. diam., bears N. 63 $\frac{3}{4}$ ° W., 47 lks. dist., mkd. T 5 N R 22 E S 2 B T.
	Land, level and mountainous. Soil, sandy loam and clay, covered with volcanic stones; 2nd and 3rd rates. Timber, scattering pine, juniper, oak and pinon; undergrowth scrub oak and grass.
	N. 89° 47' E., on a random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect the E. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, mkd. and witnessed as described in the official record.
	Thence
	S. 89° 47' W., on a true line, bet. secs. 1 and 12.
	Over rolling land, through scattering timber and dense undergrowth.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART. (Completion)

BOOK 3065

Chains	Ascend 103 ft. over gradual E. slope.
2.10	Telephone line, bears N. and S.
2.55	Highway, bears N. and S.
20.00	Ascend steep E. slope. 369 ft.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in crevice of rock, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4} \frac{S 1}{S 12}$ 1931
	from which
	A pinon, 5 ins. diam., bears N. $0^{\circ}30'E.$ , 23 lks. dist., mkd. $\frac{1}{4} S 1 B T.$
	A pinon, 6 ins. diam., bears S. $25\frac{1}{2}^{\circ}E.$ , 63 lks. dist., mkd. $\frac{1}{4} S 12 B T.$
	Ascend 206 ft. over brushy E. slope.
51.70	Top of rim rocks, 20 ft. high, bears N. and S.; continue ascending over gradual E. slope. of mesa.
80.08	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling and mountainous. Soil, sandy loam and rocky; 2nd and 3rd rates. Timber, scattering pine, fir, cedar, pinon, oak and juniper; undergrowth, scrub oak, manzanita, mahogany, second growth juniper, willow, maple and grass.
	N. $0^{\circ}1'W.$ , on a random line bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.37	Intersect N. bdy. of the Tp. 24 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described
	Thence
	S. $0^{\circ}9'W.$ , on a true line, bet. secs. 1 and 2.
	Over rolling mesa land, through scattering timber and undergrowth.
	Ascend 21 ft. over W. slope.
5.37	Ridge, bears NE. and SW.; desc. 22 ft. over SE. slope.
16.40	Ascend 48 ft. over NE. slope.
23.50	Same ridge bears SE. and NW.; continue over rolling mesa land.
40.37	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4} \frac{S 2   S 1}{1931}$
	from which

Chains.	<p>A pinon, 5 ins. diam., bears S. <math>15^{\circ} / 4^{\circ} E.</math>, 56 lks. dist., mkd. <math>\frac{1}{4}</math> S 1 B T.</p> <p>A cedar, 6 ins. diam., bears S. <math>75^{\circ} W.</math>, 65 lks. dist., mkd. <math>\frac{1}{4}</math> S 2 B T.</p> <p>Descend 105 ft. over S. slope.</p>
49.23	Ravine, course W.; asc. 131 ft. over N. slope.
65.97	Top of rim rocks, bears SE. and NW.; desc. 92 ft. over SW. slope.
75.66	Wash, 10 lks. wide, course NW.; asc. 72 ft. over NW. slope.
80.37	The cor. of secs. 1, 2, 11 and 12.
	<p>Land, rolling.</p> <p>Soil, clay covered with volcanic stones; 2nd and 3rd rates.</p> <p>Timber, scattering pine, oak, cedar, pinon and fir; undergrowth, manzanita, mahogany, willow, scrub oak and grass.</p>
	<p>From the cor. of secs. 10, 11, 14 and 15, which is an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, mkd. and witnessed as described in the official record,</p> <p>N. <math>0^{\circ} 1' W.</math>, bet. secs. 10 and 11.</p> <p>Over rolling land, through small valley, bears NE. and SW.</p>
1.22	Wire fence, bears NE. and SW.; SW. cor. of fence bears SW. 75 lks. dist., thence NW.
5.00	Wash, 70 lks. wide, course SW.
16.83	Fence, bears NE. and SW.
23.20	Road, bears NE. and SW.
27.50	Fence, bears NE. and SW.
38.20	Fence, bears E. and W.; leave valley bears NE. and SW.; enter scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	<p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S10   S11</p> <p style="text-align: center;">1931</p> <p style="text-align: right;">from which</p>
	<p>An oak, 10 ins. diam., bears East, 10 lks. dist., mkd. <math>\frac{1}{4}</math> S 11 B T.</p> <p>An oak, 12 ins. diam., bears S. <math>84^{\circ} W.</math>, 330 lks. dist., mkd. <math>\frac{1}{4}</math> S 10 B T.</p> <p>Ascend 26 ft. over SE. slope.</p>
41.00	Enter dense undergrowth.
50.40	Wash, 10 lks. wide, course SE.; asc. 57 ft. over SW. slope.

- Chains  
 52.50 Spur, slopes SE.; continue along E. slope.  
 61.70 Spur, slopes SE.; desc.  $3\frac{1}{4}$  ft. over NE. slope.  
 64.85 Draw, course SE.  
 68.00 Ravine, course SE.; asc.  $6\frac{1}{4}$  ft. over SW. slope.  
 74.20 Spur, slopes SE.; desc.  $4\frac{1}{2}$  ft. over NE. slope.  
 75.60 Wash, 10 lks. wide, course SE.; asc.  $4\frac{1}{2}$  ft. over SW. slope.  
 80.00 Set an iron post,  $3$  ft. long,  $2$  ins. diam.,  $26$  ins. in the ground, for cor. of secs.  $2, 3, 10$  and  $11$ , with brass cap marked.

T5N R22E  
 S 3 | S 2  
 S10 | S11  
 1931

from which

An oak,  $4$  ins. diam., bears  $N. 75^\circ E.$ ,  $43$  lks. dist., mkd.  
 T 5 N R 22 E S 2 B T.

A pinon,  $6$  ins. diam., bears  $S. 71\frac{3}{4}^\circ E.$ ,  $32$  lks. dist., mkd.  
 T 5 N R 22 E S 11 B T.

A pinon,  $10$  ins. diam., bears  $S. 64\frac{3}{4}^\circ W.$ ,  $35$  lks. dist., mkd.  
 T 5 N R 22 E S 10 B T.

A pinon,  $8$  ins. diam., bears  $N. 29^\circ W.$ ,  $27$  lks. dist., mkd.  
 T 5 N R 22 E S 3 B T.

Land, rolling and mountainous.  
 Soil, sandy loam and rocky; 2nd and 3rd rates;  
 Timber, pine, fir, cedar, pinon and oak; undergrowth, scrub oak,  
 manzanita and mahogany.

$S. 89^\circ 57' E.$ , on a random line, bet. secs.  $2$  and  $11$ .

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

80.12 Intersect N. and S. line,  $8$  lks. N. of the cor. of secs.  $1, 2, 11$  and  $12$ .

Thence

$N. 89^\circ 54' W.$ , on a true line, bet. secs.  $2$  and  $11$ .

Over rolling mesa land, through scattering timber and undergrowth.

Descend  $23$  ft. over gradual W. slope.

13.55 Top of rim rocks,  $25$  ft. high, bears SE. and N.; desc.  $432$  ft. over SW. slope.

24.12 Ravine, course SW.

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

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	$\frac{1}{4} \frac{S 2}{S 11}$ 1931
	from which
	A cedar, 5 ins. diam., bears S. $1\frac{1}{4}^{\circ}$ W., 42 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
	A cedar, 10 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ W., 09 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
	Descend 139 ft. over SW. slope.
51.22	Trail, bears SE. and NW.
51.92	Wash, 50 lks. wide, course S.
55.36	Old fence, bears NE. and SW.
56.92	Road, bears NE. and SW.; asc. 47 ft. over SE. slope.
72.25	Trail, bears NE. and SW.
80.12	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous. Soil, sandy loam and rocky; 1st and 3rd rates. Timber, pine, fir, cedar, oak, pinon and juniper; undergrowth, scrub oak, manzanita and mahogany.
	N. $0^{\circ} 1'$ W., on a random line, bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect the N. bdy. of Tp. 10 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described
	Thence
	S. $0^{\circ} 3'$ W., on a true line, bet. secs. 2 and 3.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 18 ft. over NE. slope.
17.00	Spur, slopes SE.; desc. 311 ft. over SW. slope.
30.04	Gulch, course SE.; asc. 152 ft. over NE. slope.
40.18	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4}$ $S 3   S 2$ 1931
	from which
	A cedar, 4 ins. diam., bears N. $12^{\circ}$ E., 14 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
	A cedar, 4 ins. diam., bears S. $81^{\circ}$ W., 38 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

- Chains.  
 40.38 Wash, 20 lks. wide, 10 ft. deep, course E.; asc. 128 ft. over S. slope.  
 51.85 Ravine, course E.; continue ascending.  
 53.20 Spur, slopes E.; desc. 91 ft. over broken SE. slope.  
 64.58 Ravine, course E.; asc. 226 ft. over NE. slope.  
 67.40 Spur, slopes SE.; desc. 88 ft. over S. slope.  
 80.18 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, pine, fir, cedar, oak and pinon; undergrowth, scrub oak, manzanita, mahogany and bear grass.

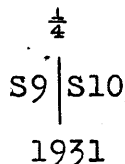
From the cor. of secs. 9, 10, 15 and 16, which is an iron post, 2 ins. diam., 14 ins. above ground and in a mound of stone to top, mkd. and witnessed as described in the official record,

N. 0° 2' W., bet. secs. 9 and 10.

Over mountainous land, through scattering timber and dense undergrowth.

Ascend 40 ft. over SW. slope.

- 2.40 Spur, slopes SE.; desc. 261 ft. over NE. slope.  
 25.20 Ravine, course SE.; asc. 183 ft. over SW. slope.  
 30.70 Spur, slopes SE.; desc. 116 ft. over NE. slope.  
 36.75 Ravine, course S. 70° E.; asc. 96 ft. over S. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap marked.



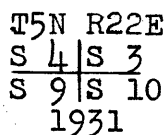
from which

A cedar, 6 ins. diam., bears N. 45° E., 32 lks. dist., mkd.  
 $\frac{1}{4}$  S 10 B T.

A pinon, 5 ins. diam., bears S. 69 $\frac{1}{2}$ ° W., 59 lks. dist., mkd.  
 $\frac{1}{4}$  S 9 B T.

Ascend 30 ft. over S. slope.

- 41.75 Spur, slopes E.; desc. 301 ft. over NE. slope.  
 66.50 Wash, 20 lks. wide, course SE.; asc. 86 ft. over SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.



SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains.	from which
	A cedar, 6 ins. diam., bears N. 7° E., 21 lks. dist., mkd. T 5 N R 22 E S 3 B T.
	A pinon, 3 ins. diam., bears S. 54 <sup>3</sup> / <sub>4</sub> ° E., 41 lks. dist., mkd. T 5 N R 22 E S 10 B T.
	A cedar, 14 ins. diam., bears S. 59 <sup>1</sup> / <sub>2</sub> ° W., 28 lks. dist., mkd. T 5 N R 22 E S 9 B T.
	A cedar, 14 ins. diam., bears N. 65 <sup>1</sup> / <sub>2</sub> ° W., 153 lks. dist., mkd. T 5 N R 22 E S 4 B T.
	Land, mountainous. Soil, rocky; 4th rate. Timber, pine, fir, oak, pinon and cedar; undergrowth, manzanita, scrub oak, mahogany, willow and bear grass.
	N. 89° 53' E., on a random line bet. secs. 3 and 10.
40.00	Set temp. <sup>1</sup> / <sub>4</sub> sec. cor.
80.08	Intersect the N. and S. line, 16 lks. N. of the cor. of secs. secs. 2, 3, 10 and 11.
	Thence
	West, on a true line, bet. secs. 3 and 10.
	Over mountainous land, through scattering timber and dense undergrowth.
	Descend 17 ft. over NE. slope.
5.08	Draw, course SE.; asc. 100 ft. over SE. slope.
14.28	Low spur, slopes SE.; desc. 24 ft. over SW. slope.
16.88	Ravine, course SE.; asc. 119 ft. over NE. slope.
26.00	Top of rocky knowl.; desc. 10 ft.
27.68	Swale, bears SE. and NW.; asc. 137 ft. over SE. slope.
35.08	High rocky spur, slopes S.; desc. 83 ft. over W. slope.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for <sup>1</sup> / <sub>4</sub> sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 3 \\ \frac{1}{4} \text{---} \\ S\ 10 \\ 1931 \end{array}$
	from which
	A pinon, 5 ins. diam., bears N. 8 <sup>1</sup> / <sub>2</sub> ° E., 75 lks. dist., mkd. <sup>1</sup> / <sub>4</sub> S 3 B T.
	A pinon, 6 ins. diam., bears S. 61 <sup>3</sup> / <sub>4</sub> ° E., 29 lks. dist., mkd. <sup>1</sup> / <sub>4</sub> S 10 B T.
	Descend 242 ft. over W. slope.
53.38	Wash, 30 lks. wide, course S.; asc. 82 ft. over E. slope.
62.10	Spur, slopes SE.; desc. 48 ft. over SW. slope.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains.	
.67.07	Ravine, course SE.; asc. 139 ft. over E. slope.
78.60	Top of red spur, slopes SE.; desc. 45 ft. over SE. slope.
80.08	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous. Soil, rocky; 3rd rate. Timber pine, fir, cedar, pinon and oak; undergrowth, scrub oak, manzanita and mahogany.
	N. 0° 2' W., on a random line, bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.07	Intersect N. bdy. of the Tp. 11 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described
	Thence
	S. 0° 3' W., on a true line, bet. secs. 3 and 4.
	Over mountainous land, through scattering timber and dense undergrowth.
	Ascend 29 ft. over N. slope.
.6.70.	Spur, slopes E.; desc. 212 ft. over SW. slope.
18.07	Gulch, course SE.; asc. 236 ft. over NE. slope.
33.30	Spur, slopes SE.; desc. 98 ft. over S. slope.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4}$
	S4   S3
	1931
	from which
	A pinon, 3 ins. diam., bears S. 48 $\frac{1}{2}$ ° E., 12 lks. dist., mkd. B T only.
	A pinon, 6 ins. diam., bears N. 79° W., 33 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	Descend 153 ft. over S. slope.
43.92	Gulch, course S. 70° E.; asc. 205 ft. over NE. slope.
53.00	Spur, slopes E.; desc. 33 ft. over SE. slope.
57.21	Ravine, course E.; asc. 126 ft. over N. slope.
60.30	Spur, slopes E.; desc. 389 ft. over SE. slope.
70.00	Continue descending over S. slope.
80.07	The cor. of secs. 3, 4, 9 and 10.
	Land mountainous. Soil, sandy and rocky; 3rd rates. Timber, scattering pine, oak, cedar, pinon and fir; undergrowth, scrub oak, manzanita and mahogany.



SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains.	<p>From the cor. of secs. 8, 9, 16 and 17, which is an iron post, firmly set, projecting 12 ins. above ground, mkd. and witnessed as described in the official record, N. 0° 2' W., bet. secs. 8 and 9.</p> <p>Over mountainous land, through scattering timber and dense undergrowth.</p> <p>Ascend 20 ft. over SE. slope.</p> <p>2.20 Ridge, bears NE. and SW.; desc. 366 ft. over NW. slope.</p> <p>18.70 Ravine, course NW.; asc. 16 ft. over SW. slope.</p> <p>20.70 Low spur, slopes W.; desc. 21 ft. over NW. slope.</p> <p>23.10 Draw, course W.; asc. 24 ft. over SE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap marked.</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 8   S 9 1931</p> <p style="text-align: right;">from which</p> <p>A pinon, 6 ins. diam., bears S. 48<math>\frac{1}{4}</math>° E., 31 lks. dist., mkd. <math>\frac{1}{4}</math> S 9 B T.</p> <p>A pinon, 10 ins. diam., bears S. 33<math>\frac{3}{4}</math>° W., 53 lks. dist., mkd. <math>\frac{1}{4}</math> S 8 B T.</p> <p>Descend 14 ft.</p> <p>44.50 Road, bears NE. and SW.</p> <p>46.30 Wash, 10 lks. wide, course SW.; asc. 122 ft. over SE. slope.</p> <p>49.50 Trail, bears NE. and SW.</p> <p>58.50 Spur, slopes E.; desc. 34 ft. over NE. slope.</p> <p>66.10 Ravine, course SE.; asc. 157 ft. over SW. slope.</p> <p>78.00 Ravine, course SE.; asc. 50 ft. over SW. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.</p> <p style="text-align: center;">T 5 N R 22 E S 5   S 4 S 8   S 9 1931</p> <p style="text-align: right;">from which</p> <p>A pinon, 10 ins. diam., bears N. 53° E., 23 lks. dist., mkd. T 5 N R 22 E S 4 B T.</p> <p>A pinon, 8 ins. diam., bears S. 74° E., 14 lks. dist., mkd. T 5 N R 22 E S 9 B T.</p> <p>A cedar, 10 ins. diam., bears S. 74<math>\frac{1}{2}</math>° W., 44 lks. dist., mkd. T 5 N R 22 E S 8 B T.</p> <p>A pinon, 10 ins. diam., bears N. 53<math>\frac{1}{2}</math>° W., 94 lks. dist., mkd. T 5 N R 22 E S 5 B T.</p>
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Chains.	Land,mountainous. Soil,rocky;3rd rate. Timber,scattering pine,fir,cedar,pinon and oak;undergrowth,scrub oak,manzanita,mahogany and bear grass.
	N.89°51'E.,on a random line,bet.secs.4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.00	Intersect N.and S.line,7 lks.S.of the cor.of secs.3,4,9 and 10.
	Thence
	S.89°48'W.,on a true line,bet.secs.4 and 9.
	Over mountainous land,through scattering timber and dense undergrowth.
	Descend 20 ft.over SW.slope.
.50	Ravine,course SE.;asc.106 ft.over SE.slope.
5.60	Spur,slopes S.;desc.76 ft.over SW.slope.
12.50	Gulch,course S.30°E.;asc.353 ft.over E.slope.
-22.30	Spur,slopes S.;desc.85 ft.over SW.slope.
27.94	Ravine,course SE.;asc.160 ft.over NE.slope.
40.00	Set an iron post,3 ft.long,1 in.diam.,26 ins.in the ground,for $\frac{1}{4}$ sec.cor.with brass cap marked.
	$\begin{array}{r} S\ 4 \\ \frac{1}{4} \hline S\ 9 \\ 1931 \end{array}$
	from which
	A pinon,6 ins.diam.,bears N.78°E.,57 lks.dist.,mkd. $\frac{1}{4}$ S 4 B T.
	A pinon,5 ins.diam.,bears S.20°E.,47 lks.dist.,mkd. $\frac{1}{4}$ S 9 B T.
	Ascend 11 ft.over E.slope.
41.00	Ridge,bears N.and S.;desc.271 ft.over SW.slope.
41.55	Trail,bears NE.and SW.
49.70	Head of ravine,course NW.
67.50	Wash,20 lks.wide,course S.;asc.231 ft.over E.slope.
80.00	The cor.of secs.4,5,8 and 9.
	Land,mountainous. Soil,sandy and rocky;3rd and 4th rates. Timber,scattering pine,cedar,pinon and oak;undergrowth,scrub oak,manzanita,mahogany and grass.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains.	N.0°2'W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.28	Intersect the N. bdy. of Tp. 7 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence
	S.0°1'W., on a true line, bet. secs. 4 and 5.
	Over mountainous land, through scattering timber and dense undergrowth.
1.28	Trail, bears SE. and NW.
3.38	Enter wash, 20 lks. wide, course S.
5.28	Leave wash, course SE.; asc. 33 ft. over N. slope.
6.28	Low spur, slopes E.; desc. 13 ft. over SE. slope.
15.08	Ravine, course E.; asc. 3 ft.
21.30	Spur, slopes E.; desc. 44 ft. over SE. slope,
29.38	Ravine, course NE.; asc. 112 ft. over NE. slope.
40.28	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4}$ S 5   S 4 1931
	from which
	A juniper, 4 ins. diam., bears N. 49° E., 30 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	A juniper, 6 ins. diam., bears N. 40 $\frac{1}{2}$ ° W., 45 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	Ascend 48 ft. over NE. slope.
52.60	Spur, slopes SE.; desc. 172 ft. over SE. slope.
62.48	Ravine, course SE.; asc. 178 ft. over NE. slope.
73.80	Spur, slopes SE.; desc. 90 ft. over S. slope.
80.28	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, sandy loam and rocky; 2nd and 3rd rates. Timber, scattering pine, cedar, pinon, fir, oak and juniper; undergrowth, scrub oak, manzanita, mahogany, maple and grass.
	From the standard cor. of secs. 31 and 32 on S. bdy. of Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, mkd. and witnessed as described in the official record,
	N.0°3'W., bet. secs. 31 and 32.
	Over prairie land, through scattering undergrowth.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

BOOK 25  
3888

Chains  
40.00

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

$\frac{1}{4}$   
S31|S32

1931

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

65.10 Old road, bears E. and W.

72.30 Wire fence, bears E. and W.

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

T5N R22E  
S30|S29  
S31|S32  
1931

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

Land. level.  
Soil, sandy loam; 1st rate.  
Timber, none; undergrowth grass.

East, on a random line, bet. secs. 29 and 32.

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

80.03 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 28, 29, 32 and 33, which is an iron post, 2 ins. diam., firmly set, projecting  $\frac{1}{4}$  ins. above ground, and in a mound of stone to top, mkd. and witnessed as described in the official record.

Thence

N. 89° 59' W., on a true line, bet. secs. 29 and 32.

Over rolling prairie land, through scattering undergrowth.

2.83 Road, bears SE. and NW.

12.03 Irrigation ditch, bears N. and S.

12.73 Wire fence, bears N. and S.

28.91 Fence, bears N. and S.; cor. of fence bears S. 50 lks. dist., thence E.

37.61 Fence, bears N. and S.

38.01 Fence, bears N. and S.

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

S 29  
 $\frac{1}{4}$  ———  
S 32  
1931

SUBDIVISIONS OF T.5 N.,R.22 E.  
PART (Completion)

Chains.	stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound of
55.23.	Fence, bears N. and S.
55.63	Fence, bears N. and S.
72.41	Fence, bears N. and S.
72.58	Road, bears N. and S.
72.78	Fence, bears N. and S.
80.03	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, sandy loam; 1st rate. Timber, none; undergrowth grass.
	West, on a random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect W. bdy. of Tp. 1 lk. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described, Thence East, on a true line, bet. secs. 30 and 31. Over rolling prairie land, through scattering timber and undergrowth. Descend 50 ft. over gradual E. slope.
13.84	Wash, 10 lks. wide, course SE.
32.24.	Wash, 10 lks. wide, course SW.
39.84	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked. $\begin{array}{r} S\ 30 \\ \frac{1}{4} \text{ ---} \\ S\ 31 \\ 1931 \end{array}$ from which A cedar, 30 ins. diam., bears S. $79\frac{1}{2}^{\circ}$ E., 603 lks. dist., mkd. $\frac{1}{4}$ S 31 B T. A cedar, 15 ins. diam., bears N. $31^{\circ}$ W., 890 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.
47.04	Wash, 200 lks. wide, 30 ft. deep, course SW.
53.34	Road, bears N. and S.
53.54	Fence, bears N. and S.
70.44	Fence, bears N. and S.
70.84	Fence, bears N. and S.
79.84	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, sandy loam; 1st rate. Timber, scattering cedar; undergrowth grass.

Chains	N.0°3'W., bet. secs. 29 and 30. Over rolling prairie land, through scattering undergrowth. Ascend 30 ft. over gradual S. slope.
9.40	Fence, bears S. 82° E. and N. 82° W.
9.70	Road, bears S. 82° E. and N. 82° W.
10.00	Fence, bears S. 82° E. and N. 82° W. Fence cor. 5 lks. W. from which another fence, <sup>extends N. 10° E.</sup>
11.40	Fence, bears N. 10° E. and S. 10° W.
26.40	Fence, bears E. and W. Fence cor. 1.00 ch. E. from which fences extend E. W. & S. 10° W.
30.60	Fence, bears E. and W. Corners 10 chs. E. and 5 chs. W. and extends N.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.  $\frac{1}{4}$ S30   S29 1931 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
40.98	Wire fence, brs. E. & W. Turns to NW. at cor. 2 chs. E. and to S. at cor. 5 chs. W.
48.30	Wire fence, bears SE. and NW.
48.80	Wire fence, brs. E. & W. Turns to SE. at cor. 5 lks. W. and to S. at cor. 10 chs. E. <sup>NW.</sup>
63.12	Wire fence, bears E. and W. Fence cor. bears E. 5 chs. dist. from which fence extends <sup>S.</sup>
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.  T5N R22E S19   S 20 S30   S 29 1931 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Hand, rolling. Soil, sandy loam; 1st rate. Timber, none; undergrowth, grass.
	S. 89° 59' E., on a random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 11 lks. N. of the cor. of secs. 20, 21, 28 and 29, which is an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground and in a mound of stone mkd. and witnessed as described in the official record.  Thence  N. 89° 54' W., on a true line, bet. secs. 20 and 29.  Over rolling land, through scattering timber and undergrowth.

Chains	
35.00	Wash, 30 lks. wide, course S. 30° E.
36.80	Old road, bears SE. and NW.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 20 \\ \frac{1}{4} \\ \hline S\ 29 \\ 1931 \end{array}$
	from which
	A cedar, 8 ins. diam., bears S. 42 $\frac{1}{2}$ ° W., 468 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.
	A cedar, 4 ins. diam., bears N. 14° W., 501 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.
42.15	Road, bears SE. and NW.
79.05	Fence, bears SE. and NW.
80.10	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling. Soil, sandy loam and gravelly; 1st and 3 rates. Timber, scattering cedar, and pinon; undergrowth, scrub oak, and grass.
	West, on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.75	Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described,
	Thence
	S. 89° 58' E., on a true line, bet. secs. 19 and 30.
	Over rolling land, through scattering timber and undergrowth.
	Descend 62 ft. over gradual E. slope.
21.80	Wash, 25 lks. wide, course S.
39.75	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 19 \\ \frac{1}{4} \\ \hline S\ 30 \\ 1931 \end{array}$
	from which
	A cedar, 10 ins. diam., bears S. 73 $\frac{1}{4}$ ° E., 311 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.
	A cedar, 6 ins. diam., bears N. 80 $\frac{3}{4}$ ° W., 359 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.
43.25	Wash, 100 lks. wide, 10 ft. deep, course S.
54.65	Fence, bears N. and S.
60.40	Wash, 30 lks. wide, course S.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	
60.72	Road, bears N. and S.
63.00	Fence, bears SE. and NW.
79.75	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling. Soil, sandy loam and gravelly; 1st and 3rd rates. Timber, scattering cedar and pinon; undergrowth grass.
	N. 0° 3' W., bet. secs. 19 and 20.
	Over rolling land, through scattering timber and undergrowth.
	Ascend 88 ft. over gradual S. slope.
4.00	Fence, bears SE. and NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\frac{1}{4}$ S19   S20 1931
	from which
	A cedar, 10 ins. diam., bears N. $12\frac{3}{4}^{\circ}$ E., 783 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.
	A cedar, 16 ins. diam., bears N. $41\frac{1}{2}^{\circ}$ W., 272 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.
	T5N R22E S18   S17 S19   S20 1931
	from which
	A cedar, 6 ins. diam., bears N. $30\frac{3}{4}^{\circ}$ E., 302 lks. dist., mkd. T 5 N R 22 E S 17 B T.
	A juniper, 18 ins. diam., bears S. $84\frac{3}{4}^{\circ}$ E., 561 lks. dist., mkd. T 5 N R 22 E S 20 B T.
	A cedar, 4 ins. diam., bears N. $84\frac{1}{4}^{\circ}$ W., 396 lks. dist., mkd. T 5 N R 22 E S 18 B T.
	No other tree available.
	Land, rolling. Soil, gravelly; 2nd rate. Timber, scattering pinon, cedar and oak; undergrowth, grass.
	S. $89^{\circ} 54'$ E., on a random line, bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line, at the cor. of secs. 16, 17, 20 and 21, which is an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground and in a mound of stone to top, mkd. and witnessed as described in the official record.



SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains.	<p>Thence</p> <p>N.89°54'W., on a true line, bet. secs. 17 and 20.</p> <p>Over rolling land, through scattering timber and undergrowth.</p> <p>Descend 61 ft. over gradual W. slope.</p> <p>10.76 Wash, 30 lks. wide, course SW.</p> <p>32.86 Road, bears SE. and NW.</p> <p>38.76 Wash, 20 lks. wide, course S. 10° E.</p> <p>40.08 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap marked.</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} S. 17 \\ \frac{1}{4} \text{ ---} \\ S. 20 \\ 1931 \end{array}</math> </div> <p style="text-align: right;">from which</p> <p>A cedar, 10 ins. diam., bears S. 42<math>\frac{1}{2}</math>° E., 256 lks. dist., mkd. <math>\frac{1}{4}</math> S 20 B T.</p> <p>A pinon, 10 ins. diam., bears N. 18<math>\frac{1}{2}</math>° W., 215 lks. dist., mkd. <math>\frac{1}{4}</math> S 17 B T.</p> <p>80.16 The cor. of secs. 17, 18, 19 and 20.</p> <p>Land, rolling.</p> <p>Soil, sandy loam and stony; 2nd and 3rd rates.</p> <p>Timber, scattering pinon, and cedar; undergrowth, scattering scrub oak.</p> <hr/> <p>N. 89° 58' W., on a random line, bet. secs. 18 and 19.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>79.70 Intersect W. bdy. of Tp. 19 lks. N. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described,</p> <p>Thence</p> <p>N. 89° 54' E., on a true line, bet. secs. 18 and 19.</p> <p>Over mountainous land, through scattering timber and undergrowth.</p> <p>Descend 208 ft. over E. slope.</p> <p>30.49 Wash, 10 lks. wide, course S.; asc. 22 ft.</p> <p>31.10 Descend 22 ft. over E. slope.</p> <p>39.70 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap marked.</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} S. 18 \\ \frac{1}{4} \text{ ---} \\ S. 19 \\ 1931 \end{array}</math> </div> <p style="text-align: right;">from which</p>
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SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains

A cedar, 5 ins. diam., bears N.  $83\frac{3}{4}^{\circ}$  E., 211 lks. dist.,  
mkd.  $\frac{1}{4}$  S 18 B T.

A pinon, 12 ins. diam., bears S.  $51\frac{1}{2}^{\circ}$  W., 195 lks. dist., mkd.  
 $\frac{1}{4}$  S 19 B T.

Continue descending 63 ft. over E. slope.

67.20 Wash, 15 lks. wide, course S.  $20^{\circ}$  E.; asc. 40 ft. over SW. slope.

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

Land, mountainous.

Soil, clay and rocky 3rd and 4th rates.

Timber, scattering pine, cedar, pinon and oak; undergrowth,  
Scrub oak, mahogany, manzanita, catclaw, willow and grass.

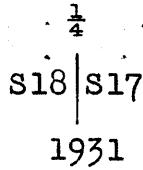
N.  $0^{\circ}3'$  W., bet. secs. 17 and 18.

Over mountainous land, through, scattering timber and under-  
growth.

Ascend 85 ft. over S. slope.

14.40 Telephone line, bears E. and W.

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



from which

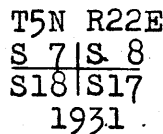
A juniper, 4 ins. diam., bears S.  $46\frac{1}{2}^{\circ}$  E., 334 lks. dist.,  
mkd.  $\frac{1}{4}$  S 17 B T.

A juniper, 4 ins. diam., bears S.  $50\frac{1}{2}^{\circ}$  W., 280 lks. dist.,  
mkd.  $\frac{1}{4}$  S 18 B T.

Ascend 216 ft. over SW. slope.

60.80 Road, bears SE. and NW.; continue along W. slope through  
dense undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
ground, for cor. of secs. 7, 8, 17 and 18, with brass cap  
marked.



from which

A pinon, 10 ins. diam., bears N.  $62^{\circ}$  E., 46 lks. dist., mkd.  
T 5 N R 22 E S 8 B T.

A pinon, 10 ins. diam., bears S.  $20\frac{1}{2}^{\circ}$  E., 76 lks. dist., mkd.  
T 5 N R 22 E S 17 B T.

A pinon, 6 ins. diam., bears S.  $15\frac{1}{2}^{\circ}$  W., 56 lks. dist., mkd.  
T 5 N R 22 E S 18 B T.

A pinon, 6 ins. diam., bears N.  $34\frac{1}{2}^{\circ}$  W., 41 lks. dist., mkd.  
T 5 N R 22 E S 7 B T.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	<p>Land, mountainous. Soil, rocky; 4th rate. Timber, scattering pine, oak, cedar, pinon and juniper; undergrowth, scrub oak, mahogany willow, maple and grass.</p>
	<p>S. 89°54'E., on a random line, bet. secs. 8 and 17.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 15 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence
	N. 89°48'W., on a true line, bet. secs. 8 and 17.
	Over mountainous land, through scattering timber and undergrowth.
	Ascend 26 ft. over SE. slope.
2.30	Ridge, bears NE. and SW.; desc. 404 ft. over NW. slope.
18.70	Spur, slopes NW.; desc. 93 ft. over NW. slope.
23.29	Wash, 30 lks. wide, course SW.; asc. 87 ft. over NE. slope.
25.10	Old road, bears NE. and SW.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 8 \\ \frac{1}{4} \text{---} \\ S\ 17 \\ 1931 \end{array}$
	from which
	A pinon, 10 ins. diam., bears N. 24 $\frac{1}{4}$ °E., 126 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A pinon, 4 ins. diam., bears S. 17°W., 27 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.
	Continue ascending 12 ft.
43.07	Ravine, course SE.; asc. 266 ft. over E. slope.
52.70	Spur, slopes S.; desc. 286 ft. over SW. slope.
62.73	Wash, 50 lks. wide, course SW.; asc. 168 ft. over SE. slope.
64.70	Old road, bears NE. and SW.
76.50	Spur, slopes S.; desc. 64 ft. over SW. slope.
80.10	The cor. of secs. 7, 8, 17 and 18.
	<p>Land, mountainous. Soil, rocky; 4th rate. Timber, scattering pine, fir, cedar, pinon, oak and juniper; undergrowth, mahogany, scrub oak and grass.</p>
	S. 89°54'W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.69	Intersect W. bdy. Tp. 8 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Chains Thence  
 N.89°57'E., on a true line, bet. secs. 7 and 18.  
 Over mountainous land, through scattering timber and dense undergrowth.  
 Descend 25 ft. over SE. slope.  
 2.00 Gulch, course NE.; asc. 20 ft. over NW. slope.  
 3.20 Low spur, slopes NE.; desc. 25 ft. over SE. slope.  
 4.59 Wash, 15 lks. wide, course N.30°E.; asc. 95 ft. over NW. slope.  
 12.50 Spur, slopes N.; desc. 186 ft. over NE. slope.  
 26.09 Wash, 20 lks. wide, course SE.  
 26.90 Low spur, slopes S.  
 27.66 Wash, 15 lks. wide, course S.; asc. 89 ft. over SW. slope.  
 39.69 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap marked.

$\frac{1}{4}$   $\frac{S 7}{S 18}$   
 1931

from which

A juniper, 8 ins. diam., bears N.16 $\frac{1}{2}$ °E., 50 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.  
 A juniper, 8 ins. diam., bears S.60°E., 66 lks. dist., mkd.  $\frac{1}{4}$  S 18 B T.

42.53 Wash. 10 lks. wide, course S.; asc. 171 ft. over SW. slope.  
 48.50 Spur, slopes S.; desc. 311 ft. over E. slope.  
 66.69 Wash, 20 lks. wide, course S.; asc. 183 ft. over W. slope.  
 68.09 Road, bears N. and S.  
 79.69 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scattering pine, fir, juniper, oak and pinon; undergrowth, scrub oak, mahogany, manzanita, catclaw, cactus and grass.

N.0°3'W., bet. secs. 7 and 8.  
 Over mountainous land, through scattering timber and dense undergrowth.  
 Ascend 117 ft. along W. slope.  
 15.90 Top of ascent on W. slope of spur; desc. 124 ft. over NW. slope.  
 28.50 Ravine, course SW.; asc. 211 ft. over SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap marked.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	$\frac{1}{4}$ S7 S8 1931
	from which
	A pinon, 5 ins. diam., bears N. $36\frac{1}{2}^{\circ}$ E., 35 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A pinon, 5 ins. diam., bears N. $19\frac{3}{4}^{\circ}$ W., 39 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	Continue ascending 32 ft. over SE. slope.
43.00	Spur, slopes SE.; desc. 6 ft. over SW. slope.
45.40	Foot of descent.; asc. 99 ft. over SW. slope.
57.34	Spur, slopes W.; desc. 256 ft. over NW. slope.
66.35	Ravine, course NW.; asc. 25 ft. over SW. slope.
69.30	Spur, slopes W.; desc. 97 ft. over NW. slope.
76.90	Wash, 20 lks. wide, course SW.; asc. 63 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.
	T5N R22E S 6 S 5 S 7 S 8 1931
	from which
	A pinon, 10 ins. diam., bears N. $28\frac{3}{4}^{\circ}$ E., 84 lks. dist., mkd. T 5 N R 22 E S 5 B T.
	A yellow pine, 14 ins. diam., bears S. $87^{\circ}$ E., 115 lks. dist., mkd. T 5 N R 22 E S 8 B T.
	A pinon, 14 ins. diam., bears S. $39\frac{1}{2}^{\circ}$ W., 37 lks. dist., mkd. T 5 N R 22 E S 7 B T.
	A pinon, 6 ins. diam., bears N. $41^{\circ}$ W., 19 lks. dist., mkd. T 5 N R 22 E S 6 B T.
	Land, mountainous. Soil, rocky; 4th rate. Timber, scattering pine, fir, pinon, oak and juniper; under- growth, manzanita, mahogany, scrub oak, chamisal and grass.
	S. $89^{\circ}48'$ E., on a random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N. $89^{\circ}50'$ W., on a true line, bet. secs. 5 and 8.
	Over mountainous land, through scattering timber and dense undergrowth.

Chains	Descend 14 ft. over SW. slope.
3.25	Ravine, course SE.; asc. 100 ft. over NE. slope.
5.00	Top of ascent.; continue along top of spur.
10.00	Descend 140 ft. over W. slope.
15.73	Ravine, course S.; asc. 140 ft. over E. slope.
29.00	Top of ascent.; continue along top of ridge.
38.20	Descend 36 ft. over NW. slope.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 5 \\ \frac{1}{4} \\ \hline S\ 8 \\ 1931 \end{array}$
	from which
	A pinon, 10 ins. diam., bears S. $28\frac{1}{2}^{\circ}$ E., 25 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A pinon, 6 ins. diam., bears N. $32\frac{1}{4}^{\circ}$ W., 51 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	Descend 152 ft. over NW. slope.
45.05	Ravine, course SW.; asc. 184 ft. over SE. slope.
54.00	Spur, slopes SW.; desc. 328 ft. over NW. slope.
78.00	Wash, 30 lks. wide, course SW.; asc. 45 ft. over SE. slope.
80.16	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, rocky; 4th rate. Timber, scattering pine, fir, oak, juniper, pinon and cedar; undergrowth, scrub oak, manzanita, mahogany, laurel, cactus and grass.
	S. $89^{\circ}57'$ W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.69	Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.
	Thence
	N. $89^{\circ}55'$ E., on a true line, bet. secs. 6 and 7.
	Over mountainous land, through scattering timber and dense undergrowth.
	Descend 120 ft. over NE. slope.
17.09	Draw, course SE.; asc. 7 ft. over SW. slope.
19.20	Spur, slopes S.; desc. 30 ft. over NE. slope.
24.49	Wash, 100 lks. wide, course NE.; asc. 41 ft. over NW. slope.

SUBDIVISIONS OF T.5 N., R.22 E.  
PART (Completion)

Chains	
32.20	Top of ascent.; desc. 42 ft. over NE. slope.
39.69	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked.
	$\begin{array}{r} S\ 6 \\ \frac{1}{4} \text{---} \\ S\ 7 \\ 1931 \end{array}$
	from which
	A yellow pine, 8 ins. diam., bears S. 71° E., 87 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	A yellow pine, 6 ins. diam., bears N. 5 <sup>3</sup> / <sub>4</sub> ° W., 46 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
	Descend 74 ft. over NE. slope.
45.89	Same wash, 20 lks. wide, course S.; asc. 21 ft. over W. slope,
46.46	Old road, bears N. and S.
48.69	Point of spur, slopes S.; desc. 30 ft. over E. slope.
50.45	Old road, bears N. and S.
51.56	Wash, 30 lks. wide, course SE from NE.; asc. 195 ft. over W. slope.
65.00	Spur, slopes S.; desc. 80 ft. over SE. slope.
70.04	Small red butte, bears N. about 10.00 chs. dist., with mound of stone and pole.
74.21	Ravine, course S.; asc. 27 ft. over SW. slope.
76.30	Spur, slopes S.; desc. 26 ft. over SE. slope.
79.69	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, rocky; 4th rate. Timber, scattering pine, fir, oak, pinon and juniper; undergrowth, mahogany, scrub oak, manzanita and grass.
	N. 0° 3' W., on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	Intersect N. bdy. of Tp. 10 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
	Thence
	S. 0° 1' W., on a true line, bet. secs. 5 and 6.
	Over mountainous land, through scattering timber and dense undergrowth.
	Descend 278 ft. over SE. slope.
30.74	Wash, 20 lks. wide, course SW.; an old well bears W. 50 lks. dist.
39.97	Spur, slopes W.; set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked.

Chains

$\frac{1}{4}$

s6|s5

1931

from which

An oak, 10 ins. diam., bears N.  $64^{\circ} \frac{3}{4}$  E., 83 lks. dist., mkd.  
 $\frac{1}{4}$  S 5 B T.

A juniper, 5 ins. diam., bears S.  $75^{\circ} \frac{1}{4}$  W., 64 lks. dist., mkd.  
 $\frac{1}{4}$  S 6 B T.

Descend 53 ft. over SW. slope.

44.97 Ravine, course NW.; asc. 123 ft. over NW. slope.

49.90 Spur, slopes W.; desc. 81 ft. over SW. slope.

60.50 Spur, slopes W.; continue descending.

67.97 Small red spur, with mound of stone and pole, bears W. about  
10 chs. dist.; desc. 201 ft. over SE. slope.

79.97 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattering pine, fir, oak, juniper, pinon, cedar and  
cottonwood; undergrowth, scrub oak, manzanita, mahogany, loc-  
ust, willow and grass.

FINAL TEST OF SOLAR ATTACHMENT.

August 3, 1931; on the meridian established by observation  
on Polaris, June 13, 1931, as described in book "B" of this  
group, at 8h 15m a.m., app. t., set off  $33^{\circ} 46^{\frac{1}{2}}$ ' N. on  
the lat. arc;  $17^{\circ} 40'$  N. on the decl. arc; and orient the  
instrument with the solar; the line of sight agrees with  
the meridian established by Polaris observation.

At 4h 20m p.m., app. t., set off  $33^{\circ} 46^{\frac{1}{2}}$ ' N. on the lat.  
arc;  $17^{\circ} 35'$  N. on the decl. arc; and repeat the test of the  
solar; the line of sight agrees with the meridian estab-  
lished by Polaris observation.

GENERAL DESCRIPTION.

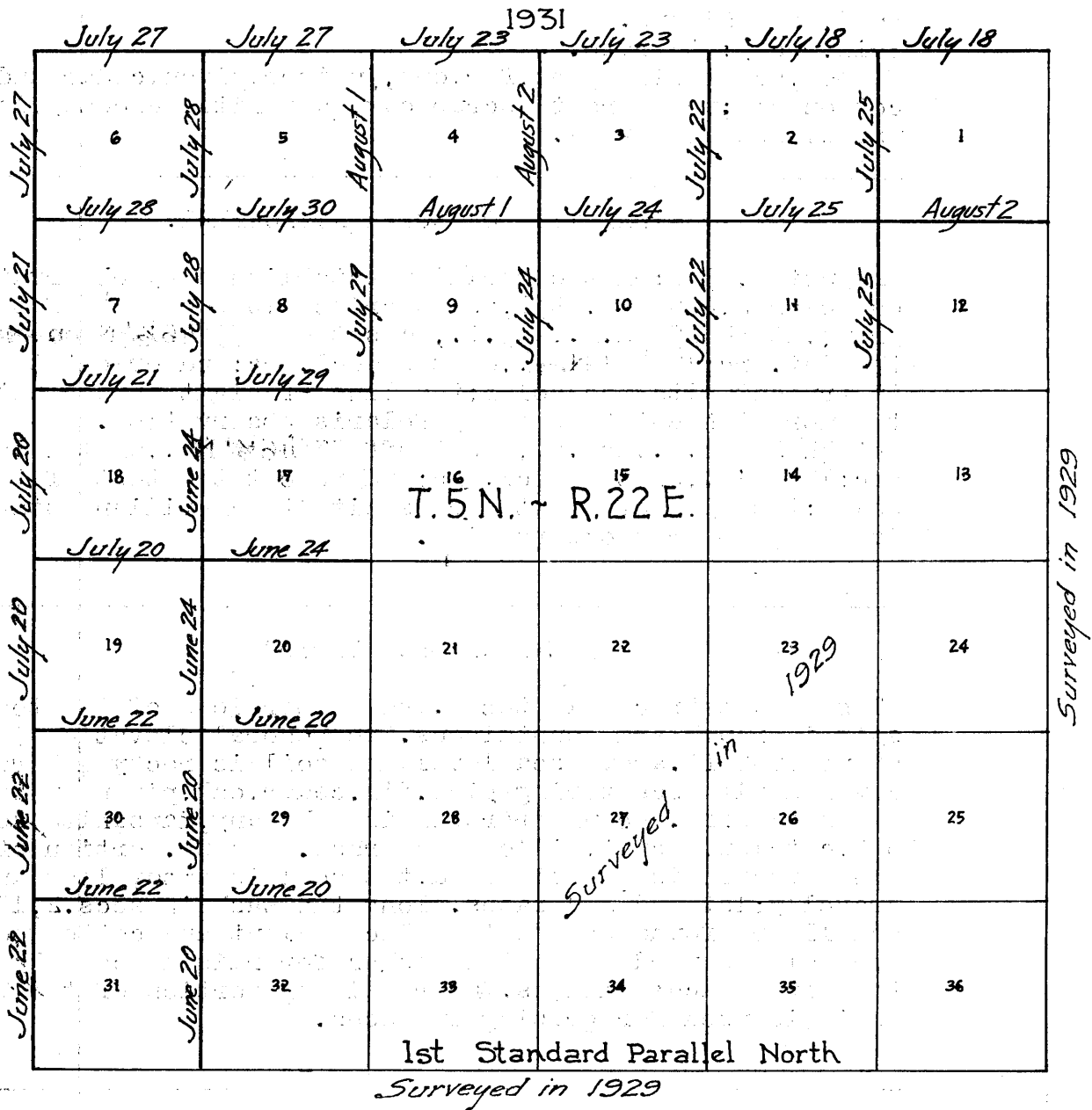
The land embraced in the N. and NW. portions of the town-  
ship is rough and mountainous. The general elevation is  
about 6000 ft. above sea level. The soil is rocky 4th rate;  
covered with scattering pine, fir, cedar, oak, pinon, juniper  
and hackberry. The undergrowth is mahogany, manzanita, scrub  
oak, catclaw, locust, willow and grass. The SW. portion of  
the township is prairie land, the soil is sandy loam and  
gravelly; 1st and 2nd rates. Along the wash, in secs. 2, 10  
and 11, are found scattering black walnut and cottonwood.  
The soil is used along the washes for raising corn by  
the Fort Apache Indians. The remaining portion of the tow-  
nship is used for grazing purposes.



Boundaries of Township 5 North, Range 22 East  
Latitudes, departures and closing errors.

Lines designated	True Courses	Dists.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary. (1st Std.Par.N.)	West	480.00				480.00
West Boundary	North	480.00	480.00			
North Boundary	N. 89° 58' E.	479.63	.28		479.63	
East boundary	South	480.00		480.00		
Convergency					.48	
<b>Totals</b>			480.28	480.00	480.11	480.00
			480.00		480.00	
<b>Error in latitude</b>			0.28			
<b>Error in departure</b>					0.11	

DATE DIAGRAM



Surveyed by Wm. E. Hiester, U.S. Surveyor under this group on dates (1931) shown thereon and as described in the foregoing notes.

Accepted, surveyed lines.

4-680  
(August, 1928)

FIELD ASSISTANTS.  
TO  
William E. Hiester U.S. Surveyor

NAMES.	CAPACITY.
John B. McClung	1st Chainman
Owen B. Wright	2nd Chainman
Ivan Dial	Cornerman
Calvin McClung	Axman
Kenneth Linscott	Flagman

CERTIFICATE OF UNITED STATES SURVEYOR

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 165 Arizona bearing date of the 16th day of October, 1930, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the West Boundary

North Boundary

and

Subdivision Lines of

Township 5 North Range 22 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 38 hereof</sup> as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 165 Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.  
Date: November 16, 1931.

*William E. Hiester*  
U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
Denver, Colo., May 25, 1932.

The foregoing field notes of the survey of

the West Boundary

North Boundary

and Part (Completion) of the Subdivision Lines of

Township 5 North, Range 22 East

of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by William E. Hiester U.S. Surveyor

under his special instructions dated Oct. 16, 1930 for Group 165 Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Monte L. Simon*  
U. S. Supervisor of Surveys.

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

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