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BOOK 3518

Book "B"

# FIELD NOTES

OF THE RETRACEMENT OF

part of the Arizona-Nevada State Boundary (307M to 301M)

AND OF THE SURVEY OF

part of the East boundary (the North 4 miles)

the North boundary,

and the Subdivision lines of

Fractional Township 41 North, Range 16 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Joseph P. Davis, U. S. Cadastral Engineer,

and

Claude F. Warner, U. S. Transitman,

In the capacity of U. S. Surveyors, under instructions dated September 29, 1920, issued by the United States Surveyor General to govern surveys included in Group No. 112, Arizona, which were approved by the Commissioner of the General Land Office, November 10, 1920, and Assignment Instructions dated December 15, 1920.

Retracement and Survey commenced January 12, 1921

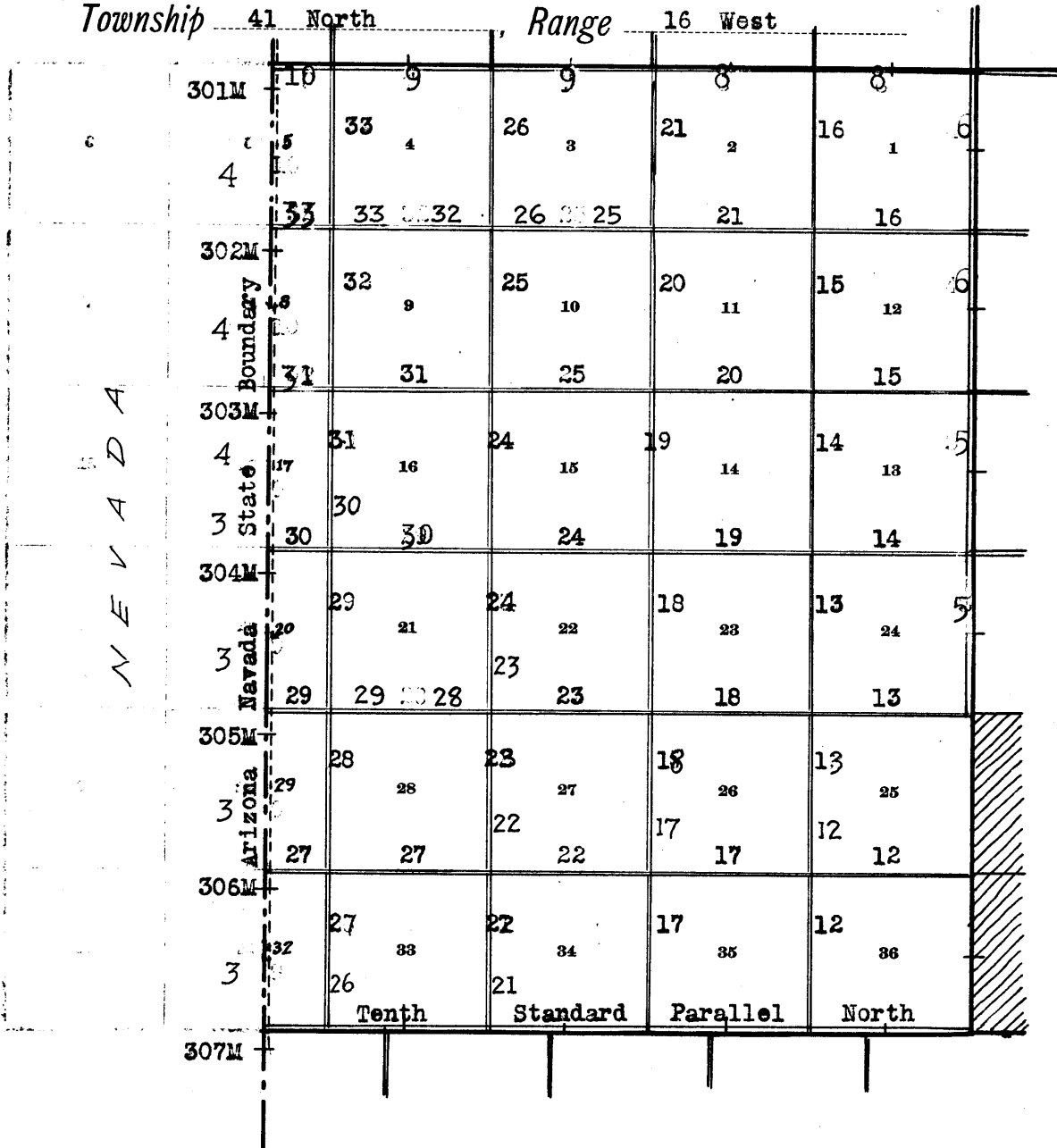
Retracement and Survey completed January 25, 1921

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# INDEX DIAGRAM.

Fractional  
Township 41 North Range 16 West



==== Lines surveyed under this Group.

----- Lines retraced under this Group.

----- Accepted surveys

//// Areas surveyed as per accepted plats on file.

Date Diagram

Fractional Township 41 North, Range 16 West.

		1-14-21				
301M		1-14-21	1-14-21	1-14-21	1-13-21	
	5	4	3	2	1	
	1-19-21	1-20-21	1-15-21	1-14-21	1-15-21	1-13-21
	1-20-21		1-25-21			
302M		1-25-21	1-17-21	1-17-21	1-15-21	
	8	9	10	11	12	
	1-20-21	1-20-21	1-15-21	1-14-21	1-12-21	1-13-21
	1-20-21					
303M		1-24-21	1-24-21	1-24-21	1-13-21	
	7	16	15	14	13	
	1-24-21	1-19-21	1-15-21	1-14-21	1-13-21	1-13-21
	1-22-21					
304M		1-22-21	1-22-21	1-22-21	1-13-21	
	20	21	22	23	24	
	1-22-21	1-19-21	1-15-21	1-14-21	1-12-21	1-13-21
	1-21-21					
305M		1-21-21	1-21-21	1-21-21	1-12-21	
	29	28	27	26	25	
	1-21-21	1-19-21	1-15-21	1-14-21	1-12-21	
	1-20-21					
306M		1-20-21	1-20-21	1-20-21	1-12-21	
	32	33	34	35	36	
	1-20-21	1-19-21	1-15-21	1-14-21	1-12-21	
	1-20-21					
307M		Tenth	Standard	Parallel	North	
		See Book "A" for dates of execution of survey of this line.				

On the above diagram:-

black lines indicate surveys, and dotted black lines indicate retracements, executed by Joseph P. Davis, U.S. Cadastral Engineer, and red lines indicate surveys, and dotted red lines indicate retracements, executed by Claude F. Warner, U. S. Transitman, on dates shown thereon, and brown lines indicate accepted surveys.

Retracements and surveys hereinafter described executed by Joseph P. Davis, U. S. Cadastral Engineer and Claude F. Warner, U. S. Transitman, on dates shown on diagram on page 1 hereof, using respectively Buff light mountain transit No. 10125 and Young and Sons light mountain transit No. 8532. For description of instruments and certificate of approval, see Book "A".

Unless otherwise specified, all measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Chesterman standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined and the slope measurements properly reduced to true horizontal distances.

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

Jan. 9, 1921. At our camp, near the center of the NE.  $\frac{1}{4}$  of sec. 26, T. 40 N., R. 16 W., G. and S. R. B. and M., in lat.  $36^{\circ}50\frac{1}{2}'$ N., long.  $113^{\circ}59'$ W., using the meridian determined by observations on Polaris at elongation as described in Book "A", at 9 hrs. 0 m., a.m., l.m.t., we set off  $36^{\circ}50\frac{1}{2}'$ N. on the lat. arcs;  $22^{\circ}4'S.$  on the decl. arcs, and determine a meridian with each solar, which in each case agrees with the true meridian.

At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian with each solar; the resulting decl. with each instrument is  $22^{\circ}4'S.$ , which is the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arcs unchanged, we set off  $22^{\circ}2'S.$  on the decl. arcs and determine a meridian with each solar, which in each case agrees with the true meridian.

As all of the solar observations during the usual hours of solar work come within  $1'30''$  of the true meridian, we conclude that the adjustments of the solars are satisfactory.

BOOK 3518

Retracement of part of the Arizona-Nevada State Line (307th to 301st Mile Monument).

Chains.

That portion of the Arizona-Nevada State Line forming the west boundaries of fractional Ts. 39, 40, 41 and 42 N., R. 16 W., originally surveyed in 1870 by Isaac E. James, Astronomer and Surveyor, was resurveyed in January, 1913, by Thomas B. Matthews, U.S. Surveyor. No subsequent retracement or resurvey of this line is of record. The following notes describe a retracement of the line W. of fract. T. 41 N., R. 16 W., executed under Group 112.

The 307th mile monument reestablished by Thomas B. Matthews, U.S.S. in 1913, is a limestone 12x10x8 ins. above ground, firmly set, properly marked, and witnessed by pits E. and W., and mound of earth N. of cor.

No bearing trees.

Thence,

N. 0° 09' W., on random line, on 307th mile.

Over rolling land, thru. scattering undergrowth.

29.80

Wash, 15 lks. wide, course E.

57.30

Wash, 20 lks. wide, course S. 60° E.

80.32

Fall 32 lks. E. of the reestablished 306th mile monument, which is a limestone, 14x11x10 ins. above ground, firmly set, properly marked and witnessed by pits E. and W., and mound of earth N. of monument. No bearing trees.

Land, rolling.

Soil, sandy, 3rd rate.

No timber.

Undergrowth, cactus and yucca.

The true course and distance of 307th mile are therefore N. 0° 23' W., 80.32 chs.

N. 0° 20' W., on random line on 306th mile.

Over rolling land, thru. scattering undergrowth.

80.20

Fall 48 lks. E. of the reestablished 305th mile monument, which is a limestone, 14x12x10 ins. above ground, firmly set, properly marked, and witnessed by pits E. and W., and mound of earth N. of mon. No bearing trees.

Land, rolling.

Soil, rocky, 3rd rate.

No timber.

Undergrowth, cactus and yucca.

True course and distance of 306th mile are therefore N. 0° 41' W., 80.21 chs.

N. 0° 13' E., on random line, on 305th mile.

Over rolling land, thru. scattering undergrowth.

Descend 55 ft.

13.05

Wash, 70 lks. wide, course E. Ascend 85 ft.

25.00

Descend 95 ft.

63.25

Center of wash, 150 lks. wide, course E. Ascend 25 ft.

80.06

Fall 39 lks. E. of the reestablished 304th mile monument, which is a red sandstone, 12x10x10 ins. above ground, firmly set, properly marked and witnessed by pits E. and W., and mound of earth, N. of mon. No bearing trees.

Land, rolling.

Soil, sandy, 3rd rate.

No timber.

Undergrowth, greasewood and yucca.

The true course and distance of 305th mile are therefore N. 0° 4' W., 80.06 chs.

N. 1° 26' E., on random line, on 304th mile.

Over rolling land, thru. scattering undergrowth.

35.50

Wash, 30 lks. wide, course W.

Retracement of part of the  
4 Arizona-Nevada State Line (307th mile to 301st mile mon.)

Chains.	<p>47.30 Enter wash, 1 ch. wide, course SW. from N. 50.30 Leave wash, course S. from NE. 62.90 Wash, 25 lks. wide, course W. 67.10 Wash, 30 lks. wide, course S. 45° W. 80.31 Fall 36 lks. E. of the reestablished 303rd mile monument, which is a limestone, 10x5x4 ins. above ground, firmly set, properly marked and witnessed by pits E. and W., and a mound of earth N. of cor. No bearing trees. Land, rolling. Soil, sandy, 3rd rate. No timber. Undergrowth, sage brush, greasewood and yucca. The true course and distance of 304th mile are therefore N. 1° 11' E., 80.30 chs.</p>
21.20 39.90 79.90	<p>N. 1° 20' E., on random line, on 303rd mile. Over rolling land, thru. scattering undergrowth. Road, brs. NE and SW. Draw, course SW. Fall 91 lks. E. of the reestablished 302nd mile monument, which is a limestone, 12x10x10 ins. above ground, firmly set, properly marked and witnessed by pits E. and W., and mound of earth N. of mon. No bearing trees. Land, rolling. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood and yucca. The true course and distance of 303rd mile are therefore N. 0° 47' E., 79.88 chs.</p>
39.25 44.25 80.26	<p>N. 0° 20' W., on random line, on 302nd mile. Over rolling land, thru. scattering undergrowth. Descend 45 ft. Ascend 25 ft. Descend gradual slope, 35 ft. Fall 32 lks. E. of the reestablished 301st mile monument, which is a limestone, 10x10x10 ins. above ground, firmly set, properly marked and witnessed by pits E. and W., and mound of earth N. of monument. No bearing trees. Land rolling. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood and yucca. The true course and distance of 302nd mile are therefore N. 0° 40' W., 80.27 chs.</p> <p>Retracement of the State line from 301st mile monument to Arizona-Utah corner is described in Book "C" of this group.</p>

Completion of the survey of the East boundary of fracl. Township 41 North, Range 16 West. 5

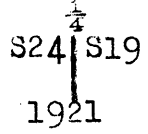
Chains.

The south two miles of the east boundary of fracl. T. 41 N., R. 16 W. were surveyed in December, 1912, by Thomas B. Matthews, U.S. Surveyor, and no further retracement or resurvey of such portion of the line is of record. The following notes describe the survey of the N. four miles of the line which completes the survey of said township boundary:

The original cor. of secs. 19, 24, 25 and 30, T. 41 N., R. 15 W., and fracl. T. 41 N., R. 16 W. is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by pits NE., SE., SW. and NW., and mound of earth W. of cor. No bearing trees.

Thence, North, on true line, bet. secs. 19 and 24. Over nearly level land, thru. scattering undergrowth, Rim, brs. N. 17° W., and S. 17° E. Descend 100 ft., over NE. slope.

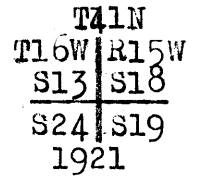
29.20  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

49.00 Continue descent, 80 ft., over NE. slope. Foot of descent, brs. N. 17° W. and S. 17° E. Thence across bottom land of Beaver Dam Wash.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, level and broken. Soil, sandy, 1st to 3rd rates. No timber. Undergrowth, wash willow and chaparral.

North, on true line, bet. secs. 13 and 18. Over level land, thru. scattering undergrowth. 0.80 Center of branch of Beaver Dam wash, 50 lks. wide, course SE.

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



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

67.00 Center main course Beaver Dam wash, 4 chs. wide, course SE. 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

6 Completion of the East boundary of fractional Township 41 North, Range 16 West.

Chains.

T41N  
R16W | R15W  
S12 | S 7  
S13 | S18  
-----  
1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, level. Soil, sandy, 1st rate.

No timber. Undergrowth, wash willows, greasewood and chaparral.

North, on true line, bet. secs. 7 and 12.

Over level bottom land, thru. thick undergrowth.

20.00 Center Beaver Dam wash, course S20°E.. Road in wash, brs. N. 20°W. and S. 20°E. Wash, 5 chs. wide.

25.00 Leave level land, brs. N. 20°W. and S. 20°E. Ascend 165 ft. over SW. slope.

35.10 Descend 40 ft., over broken W. slope.

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

$\frac{1}{4}$   
S12 | S 7  
-----  
1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Ascend 155 ft.

60.80 Road, brs. NE. and SW..

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

T41N  
R16W | R15W  
S 1 | S 6  
S12 | S 7  
-----  
1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, S. 25 chs. level; remainder broken.

Soil, sand and gravel, 1st and 3rd rates.

No timber.

Undergrowth, wash willow, greasewood, and chaparral.

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

Over rolling land, thru. scattering undergrowth.

5.50 Draw, course SW.

22.00 Leave rolling, thence over nearly level land, brs. NE. and SW.

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

$\frac{1}{4}$   
S 1 | S 6  
-----  
1921

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

47.60 Leave nearly level land, brs. N. and S. Desc. 70 ft. over N. slope.

48.80 Draw, course W.

50.50 Road brs. NE. and SW. Asc. 90 ft.

60.70 Draw, course SW. Continue gradual ascent over SW. slope.

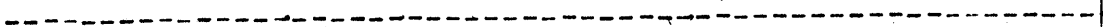
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, in a mound of stone, for cor. of T. 41 N., R. 15 W., frac. T. 41 N., R. 16 W., and frac. Ts. 42 N., Rs. 15 and 16 W., marked on brass cap,

T42N  
R16W | R15W  
S36 | S31  
S 1 | S 6  
-----  
T41N  
1921



Completion of the  
East boundary of fract. Township 41 North, Range 16 West. 7  
Chains.

and raise a mound of stone, 2 ft. base; 1½ ft. high, S.  
of cor.  
Land, rolling and broken, and nearly level.  
Soil, sand and gravel, 3rd rate.  
No timber.  
Undergrowth, greasewood and chaparral.



## 8. Survey of the North bdy. of fracl. Township 41 North, Range 16 West.

chains.

From the cor. of T. 41 N., R. 15 W., fracl. T. 42 N., R. 15 W., and  
fracl. Ts. 41 and 42 N., R. 16 W., hereinbefore described,  
West, on a true line, bet. sec. 1 and fracl. sec. 36.  
Over broken land, thru scattering undergrowth.  
Descend 25 ft., over W. slope.  
3.00 Draw, course S. Ascend 45 ft.  
8.10 Descend.  
10.50 Draw, course SE. Ascend 25 ft., over NE. slope.  
18.30 Descend 60 ft., over broken W. slope.  
26.00 Leave broken, enter rolling land, brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} \text{ S } 36 \\ \text{S } 1 \\ 1921 \end{array}$$

46.80 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
Draw, course SW. Ascend 25 ft.  
50.00 Thence over nearly level.  
66.50 Descend 60 ft., over W. slope.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 1 and 2, and fracl. secs.  
35 and 36, marked on brass cap,

$$\begin{array}{r} \text{T42N} | \text{R16W} \\ \text{S35} | \text{S36} \\ \text{S } 2 | \text{S } 1 \\ \text{T41N} \\ 1921 \end{array}$$

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of  
cor.  
Land, broken, rolling and nearly level.  
Soil, sand and gravel, 3rd rate.  
No timber.  
Undergrowth, greasewood and chaparral.

-----  
West, on a true line, bet. sec. 2 and fracl. sec. 35.  
Over broken land, thru scattering undergrowth.  
Descend 100 ft., over W. slope.  
29.30 Beaver Dam wash, course S. Old road in wash, brs. N. to some  
point in Utah and S. to Mesquite, Nevada.  
36.50 Center of west channel of Beaver Dam wash.  
39.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., marked on  
brass cap,

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.  
40.00 The true point for  $\frac{1}{4}$  sec. cor. falls in wash, where it can  
not be securely monumented.  
43.00 Wire fence, brs. NW. and SE. Ascend 45 ft.  
45.60 Low hogback, extends 5 chs. N.  $20^\circ$  W. and 5 chs. S.  $20^\circ$  E.  
Descend 35 ft.  
56.70 Draw, 50 lks. wide, course SE. Old road in draw, brs. NW.  
and SE. Asc. 65 ft., over E. slope.  
68.00 Descend 30 ft., over W. slope.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in  
the ground, for cor. of secs. 2 and 3, and fracl. secs. 34  
and 35, marked on brass cap,

$$\begin{array}{r} \text{T42N} | \text{R16W} \\ \text{S34} | \text{S35} \\ \text{S } 3 | \text{S } 2 \\ \text{T41N} \\ 1921 \end{array}$$

Survey of North bdy. of fracl. Township 41 North, Range 16 West.

Chains.

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, broken, and rolling.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, wash willow, greasewood and chaparral.

-----  
 West, on a true line, bet. sec. 3 and fracl. sec. 34.  
 Over broken land, thru. scattering undergrowth.  
 Ascend 15 ft.

0.05 Descend 40 ft.  
 6.10 Draw, course SE. Ascend 75 ft.  
 16.85 Descend 35 ft.  
 22.75 Draw, 5 lks. wide, course SE. Ascend 75 ft.  
 37.25 Descend.  
 39.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap,

WC  $\frac{1}{4}$  S 34  
 S 3  
 1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

40.00 The true point for  $\frac{1}{4}$  sec. cor. falls in head of wash, 40 ft. deep, course NE. Ascend 95 ft.

46.35 Descend 85 ft.  
 52.60 Head of draw, course N. Ascend 25 ft.  
 60.05 Descend 25 ft.  
 69.85 Draw, course SE. Ascend 35 ft.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of secs. 3 and 4, and fracl. secs. 33 and 34, marked on brass cap,

T42N | R10W  
 S33 | S34  
 S 4 | S 3  
 T41N  
 1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, broken.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, greasewood and chaparral.

-----  
 West, on a true line, bet. sec. 4 and fracl. sec. 33.  
 Over bad lands.  
 Descend 30 ft.

9.45 Draw, course SE.  
 13.25 Same draw, course NE.  
 15.70 Same draw, course S. 80° E.  
 22.50 Same draw, course NE.  
 25.30 Draw, course NE. Ascend.  
 26.60 Spur, slopes NE. Thence along N. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

49.70 Ascend 40 ft.  
 Descend 65 ft.

10 North boundary of fracl. Township 41 North, Range 16 West.

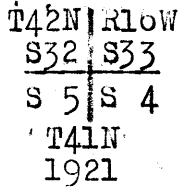
Chains.

64.00

Ascend slightly.

80.00

Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, for cor. of sec. 4, and fracl. secs. 5, 32 and 33, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, "bad lands."

Soil, sandy, 4th rate.

No timber or vegetation.

West, on true line, bet. fracl. secs. 5 and 32.

Over broken land.

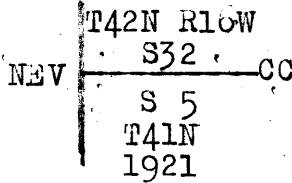
Descend 70 ft., over W. slope.

27.02

Intersect the Arizona-Nevada State Line, 11.80 chs. N. 0° 0' W. from the 301st mile monument hereinbefore described.

At the point of intersection,

Set an iron post 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of fracl. Ts. 41 and 42 N., R. 16 W., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, broken.

Soil, sandy, 3rd rate.

No timber, or vegetation.

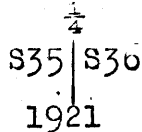
Boundaries of fracl. Township 41 North, Range 16 West.  
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (10th Std. Par. N.)	West,	347.65				347.65
West boundary, (Arizona-Nevada State Line)	N. 0° 23' W.	67.67	67.67			.45
	N. 0° 41' W.	80.21	80.20			.96
	N. 0° 4' W.	80.06	80.06			.09
	N. 1° 11' E.	80.30	80.28		1.66	
	N. 0° 47' E.	79.88	79.87		1.09	
	N. 0° 40' W.	80.27	80.26			.93
	N. 0° 6' W.	11.86	11.86			.02
North boundary,	East,	347.02			347.02	
East boundary,	South,	480.00		480.00		
Convergency,					.39	
Totals.			480.20	480.00	350.16	350.10
			480.00		350.10	
	<u>Error in latitude,</u>		0.20			
	<u>Error in departure,</u>				0.06	

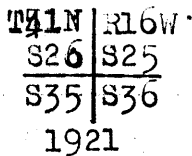
Survey of the  
12 Subdivision of frac1. Township 41 North, Range 16 West.

Chains.

From the standard cor. of secs. 35 and 36, on the S. bdy. of Tp. (10th Std. Par. N.), described in Book "A,"  
N. 0° 1' W., bet. secs. 35 and 36.  
Over rolling land, thru. scattering undergrowth.  
Descend over slight N. slope.  
26.00 Road brs. N. 45° W. and S. 45° E.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



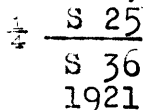
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, and 18 ins. in a mound of stone for cor. of secs. 25, 26, 35 and 36, marked on brass cap,



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, greasewood and sagebrush.

40.00 East, on a random line, bet. secs. 25 and 30.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.96 Fall 7 lks 1 S. of the original cor. of secs. 25, 30, 31 and 36, on the E. bdy. of Tp., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by pits NE., SE., SW. and NW., and a mound of earth, W. of cor. No bearing trees.

Thence,  
S. 89° 57' W., on a true line, bet. secs. 25 and 30.  
Over rolling land, thru. scattering undergrowth.  
15.55 Wash, course S. 10° W.  
22.05 Wash, course S. 3° E. Ascend gradually, 30 ft.  
39.98 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



59.95 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
79.90 Wash, course S. 30° E. Ascend 25 ft.  
The cor. of secs. 25, 26, 35 and 30.  
Land, rolling.  
Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

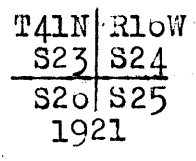
N. 0° 1' W., bet. secs. 25 and 26.  
Over rolling land, thru. scattering undergrowth.  
10.00 Wash, course S. 40° E.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

Survey of the  
Subdivision lines of fracl. Township 41 North, Range 10 W. 13

Chains.



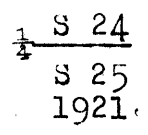
80.00 and raise a mound, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap,



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, greasewood and yucca.

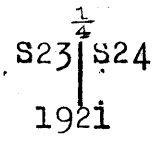
40.00 N.  $89^{\circ}57'E.$ , on a random line, bet. secs. 24 and 25.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.94 Fall 5 lks. N. of the original cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., hereinbefore described,

Thence,  
S.  $89^{\circ}59'W.$ , on a true line, bet. secs. 24 and 25.  
Over rolling land, thru. scattering undergrowth.  
34.55 Wash, course S.  $30^{\circ}E.$  Ascend gradual E. slope.  
39.97 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Ascend 65 ft., over E. slope.  
79.94 The cor. of secs. 23, 24, 25 and 26.  
Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

25.00 N.  $0^{\circ}1'W.$ , bet. secs. 23 and 24.  
Over rolling land, thru. scattering undergrowth.  
40.00 Descend 30 ft., over slight N. slope.  
Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Continue gradual descent, over N. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap,

14 Subdivision lines of fract. Township 41 North Range 10 West.

Chains.

T41N	R10W
S14	S13
S23	S24
1921	

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.  
Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, greasewood, sagebrush and yucca.

40.00 N. 89° 59' E., on a random line, bet. secs. 13 and 24.  
Set temp. ¼ sec. cor.  
79.96 Fall 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., hereinbefore described.

Thence,  
N. 89° 59' W., on a true line, bet. secs. 13 and 24.  
Over rolling land thru. scattering undergrowth.  
Ascend 295 ft., over NE. slope.  
18.95 Top of rim, brs. N. 10° W. and S. 10° E. Descend 25 ft., over W. slope.

24.95 Thence over rolling land.  
39.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼ S 13
S 24
1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Ascend 25 ft., over gradual E. slope.  
54.95 Descend 25 ft.  
63.45 Wash, 15 lks. wide, course S. 1° E. Ascend 15 ft., over E. slope.

79.96 The cor. of secs. 13, 14, 23 and 24.  
Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

23.50 N. 0° 1' W., bet. secs. 13 and 14.  
Over nearly level land, thru. scattering undergrowth.  
40.00 Wash, 12 lks. wide, course S. 30° E.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼
S14   S13
1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T41N	R10W
S11	S12
S14	S13
1921	

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.



Subdivision lines of fracl. Township 41 North, Range 16 West. 15

Chains.	Land, nearly level. Soil, sand, 3rd rate. No timber. Undergrowth, yucca, greasewood and sagebrush.
40.00	S. 89° 59' E., on a random line, bet. secs. 12 and 13. Set temp. 1/4 sec. cor.
79.96	Full 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of Tp., which is an iron post, hereinbefore described.
10.95	Thence, S. 89° 59' W., on a true line, bet. secs. 12 and 13. Over level bottom land, thru. scattering undergrowth. Center of main channel of Beaver Dam Wash, 1 ch. wide, course S. 20° E.
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \text{ S } 12 \\ \text{S } 13 \\ 1921 \end{array}$
41.05	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
47.95	Leave level land, brs. N. 10° E. and S. 10° W. Ascend 260 ft. over E. slope.
79.96	Top of rim, 60 ft. high, brs. N. 10° E. and S. 10° W. Continue gradual ascent, over E. slope. The cor. of secs. 11, 12, 13 and 14. Land, level and mountainous. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, yucca, greasewood, willow, and sagebrush.
40.00	N. 0° 1' W., bet. secs. 11 and 12. Over slightly rolling land, thru. scattering undergrowth. Descend over slight N. slope. Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 11 \text{   } \text{S } 12 \\ 1921 \end{array}$
50.00	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Descend 120 ft., over N. slope.
60.70	Canyon, 50 lks. wide, course E. Ascend 90 ft.
70.00	Point of spur, slopes S. 45° E. Descend 180 ft.
72.92	Rim, brs. N. 45° W. and S. 45° E.
79.00	Wash, 25 lks. wide, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap,
	$\begin{array}{c} \text{T } 41 \text{ N } \text{   } \text{R } 16 \text{ W} \\ \text{S } 2 \text{   } \text{S } 1 \\ \text{S } 11 \text{   } \text{S } 12 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
	Land, rolling. Soil, sandy, 3rd rate. No timber. Undergrowth, yucca, greasewood and sagebrush.

16 Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.

40.00 N. 89° 59' E., on a random line, bet. secs. 1 and 12.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Fall 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of Tp., hereinbefore described.  
Thence,  
S. 89° 50' W., on a true line, bet. secs. 1 and 12.  
Over broken land, thru. scattering undergrowth.  
Descend 25 ft.  
4.70 Draw, course SW. Ascend 10 ft.  
9.20 Draw, 50 ft.  
15.65 Draw, course S. Ascend 40 ft.  
18.10 Descend 35 ft.  
20.10 Draw, course SW. Ascend 25 ft.  
31.80 Descend 30 ft.  
35.20 Draw, course S. Thence over rolling land.  
40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 1  
S 12  
1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

45.00 Leave rolling, enter level bottom land, brs. NW. and SE.  
64.80 Draw, course W.  
65.60 Center of Beaver Dam wash, 4 chs. wide, course SE.  
69.50 Road brs. NW. to Sullivan's pump and SE. to Littlefield.  
76.60 Fence, brs. NW. and SE.  
80.10 The cor. of secs. 1, 2, 11 and 12.  
Land, broken, rolling and level.  
Soil, sand and gravel, 2nd to 4th rate.  
No timber.  
Undergrowth, willow, catclaw and chaparral.

40.00 N. 0° 1' W., on a random line, bet. secs. 1 and 2.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.14 Fall 7 lks. W. of the cor. of secs. 1 and 2, and fracl. secs. 35 and 36, on the N. bdy. of Tp., hereinbefore described.  
Thence,  
S. 0° 2' W., on a true line, bet. secs. 1 and 2.  
Over broken land, thru. scattering undergrowth.  
Ascend 90 ft.  
10.05 Descend 190 ft., over broken SW. slope.  
35.00 Foot of descent, brs. N. 20° W. and S. 20° E. Thence over level bottom land, thru. dense undergrowth.  
40.14 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$   
S 2 | S 1  
1921

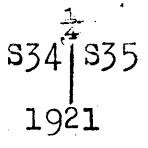
and raise a mound of stone, 2 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

43.40 Enter Beaver Dam wash, course SE.  
58.70 Road, brs. NW. to Sullivan's Pump and SE. to Littlefield.  
61.60 Leave Beaver Dam wash, course SE.  
63.10 From this point, Sullivan's pump brs. N. 87° 45' W., 12.50 chs.  
70.15 Road, brs. E and W.  
71.25 Road, brs. NW. to Sullivan's Pump and SE. to Littlefield.  
72.95 Fence, brs. NW. and SE.  
80.14 The cor. of secs. 1, 2, 11 and 12.  
Land, level and broken.  
Soil, sandy, 2nd to 4th rates.  
No timber.  
Undergrowth, wash willow and catclaw.

Subdivision lines of fracl. Township 41 North, Range 16 West. 17

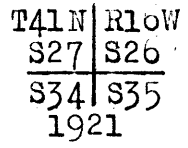
Chains.

40.00 From the standard cor. of secs. 34 and 35, on the S. bdy. of Tp., (10th. Std. Par. N.), described in Book "A," N. 0° 1' W., bet. secs. 34 and 35. Over slightly rolling land, thru scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



62.10 and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
Road, brs. NW. and SE. to Littlefield.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, and 8 ins. in a mound of stone, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,



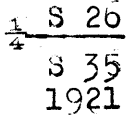
and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
Land, slightly rolling.  
Soil, sand and rocky, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

40.00 East, on a random line, bet. secs. 26 and 35.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence, S. 89° 57' W., on a true line, bet. secs. 26 and 35. Over rolling land, thru scattering undergrowth.

25.00 Descend 70 ft., over W. slope.

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



and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.

56.70 Continue slight descent, over W. slope.  
Wash, 23 lks. wide. course S. 10° E. Asc. 90 ft., over E. slope.

76.80 Ridge, brs. N. 10° E. and S. 10° W. Descend 30 ft.

80.10 The cor. of secs. 26, 27, 34 and 35.

Land, rolling.  
Soil, sandy and rocky, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

40.00 N. 0° 1' W., bet. secs. 26 and 27. Over slightly rolling land, thru scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

18. Subdivision of fracl. Township 41 North, Range 16 West.

Chains.

$\frac{1}{4}$   
 S27 | S26

1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Descend gradually, over NE. slope.

74.30 Wash, 26 lks. wide, course S. 20° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, and 20 ins. in a mound of stone, for cor. of secs. 22, 23, 26 and 27, marked on brass cap,

T41N | R16W  
 S22 | S23

S27 | S26

1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, slightly rolling.

Soil, sand and rocks, 3rd rate.

No timber.

Undergrowth, yucca, greasewood and sagebrush.

40.00

N. 89° 57' E., on a random line, bet. secs. 23 and 26.

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

80.08

Intersect N. and S. line, 2 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence,

S. 89° 53' W., on a true line, bet. secs. 23 and 26.

Over rolling land, thru. scattering undergrowth.

Descend 60 ft., over W. slope.

15.00

Ascend 35 ft., over E. slope.

40.04

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and 8 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  | S 23

S 26

1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Continue ascent, 30 ft. over E. slope.

57.50

Spur, slopes S. Descend 50 ft., over W. slope.

65.00

Wash, 12 lks. wide, course S. 5° E. Ascend 45 ft., over E. slope.

80.08

The cor. of secs. 22, 23, 26 and 27.

Land, rolling.

Soil, sandy, 3rd rate.

No timber.

Undergrowth, greasewood, sage brush and yucca.

N. 0° 1' W., bet. secs. 22 and 23.

Over slightly rolling land, thru. scattering undergrowth.

Ascend 40 ft., over S. slope.

16.00

Ridge, brs. N. 18° E. and S. 18° W. Descend gradual N. slope.

40.00

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

$\frac{1}{4}$   
 S22 | S23

1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

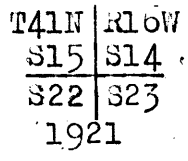
80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, and 6 ins. in a mound of stone, for cor.

Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.

of secs. 14, 15, 22 and 23, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

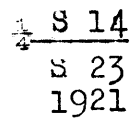
40.00  
80.06

N. 89° 58' E., on a random line, bet. secs. 14 and 23.  
Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,  
S. 89° 59' W., on a true line, bet. secs. 14 and 23.  
Over rolling land, thru. scattering undergrowth.  
Ascend 55 ft., over slight E. slope.

38.90  
40.03

Ridge, brs. N. 20° E. and S. 20° W. Descend over W. slope.  
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and 8 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

54.90  
65.00  
80.06

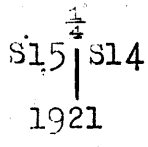
Continue descent, 40 ft., over W. slope.  
Wash, 10 lks. wide, course N. 30° E. Ascend 35 ft.  
Thence over gently rolling land.  
The cor. of secs. 14, 15, 22 and 23.

Land, rolling.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

28.50  
40.00

N. 0° 1' W., bet. secs. 14 and 15.  
Over rolling land, thru. scattering undergrowth.  
Road, brs. N. 10° E. to Sullivan's pump, and S. 10° W. to Mesquite, Nevada.

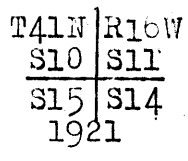
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

46.00  
80.00

Descend slight NW. slope, 35 ft.  
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.

20 Subdivision of fractl. Township 41 North, Range 16 West.

Chains.

Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, yucca, cactus, greasewood and sagebrush.

40.00 N. 89° 59' E., on a random line, bet. secs. 11 and 14.  
80.00 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.  
Thence,  
28.25 S. 89° 57' W., on a true line, bet. secs. 11 and 14.  
40.00 Over rolling land, thru. scattering undergrowth.  
Wash, 15 lks. wide, course S. 20° E.  
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and 8 inches in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.

45.00 Ascend 65 ft., over E. slope.  
46.80 Road, brs. N. 20° E. to Sullivan's pump and S. 20° W. to Mesquite, Nevada.  
70.00 Descend 45 ft., over W. slope.  
80.00 The cor. of secs. 10, 11, 14 and 15.  
Land, rolling.

Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

25.00 N. 0° 1' W., bet. secs. 10 and 11.  
35.00 Over nearly level land, thru. scattering undergrowth.  
40.00 Descend 25 ft.  
Ascend 15 ft.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 10 | S 11  
1921

and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.

55.00 Thence, over slightly rolling land.  
76.20 Ascend 45 ft.  
80.00 Rim, brs. N. 80° E. and S. 80° W. Desc. 80 ft., over N. slope.  
Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, and 10 ins. in a mound of stone, for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T 41 N | R 16 W  
S 3 | S 2  
S 10 | S 11  
1921

and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.

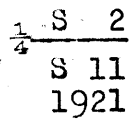
Land, rolling and nearly level.  
Soil, sand, 3rd rate.  
No timber.  
Undergrowth, yucca, sage brush and greasewood.

N. 0° 1' W., bet. secs. 10 and 11.  
Over nearly level land, thru. scattering undergrowth.

Subdivision lines of fract. Township 41 North, Range 16 West. 21

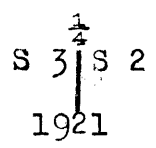
Chains.

40.00 N. 89°57'E., on a random line, bet. secs. 2 and 11.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.78 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 1, 2, 11 and 12.  
 Thence,  
 S. 89°59'W., on a true line, bet. secs. 2 and 11.  
 Over mountainous land, thru. scattering undergrowth.  
 Ascend 245 ft., over NE. slope.  
 19.00 Rim, brs. N. 30°W., and S. 30°E. Thence over level land.  
 39.89 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass.



52.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
 Road, brs. N. 45°E. and S. 45°W.  
 54.00 Rim, brs. N. 10°E. and S. 10°W. Descend 115 ft.  
 59.40 Canyon, course N. 10°E. Ascend 85 ft., over NE. slope.  
 75.00 Descend 25 ft.  
 79.78 The cor. of secs. 2, 3, 10 and 11.  
 Land, broken and mountainous, and level.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, sagebrush.

40.00 N. 0°2'E., on a random line, bet. secs. 2 and 3.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Fall 7 lks. E. of the cor. of secs. 2 and 3, and fract. secs. 34 and 35, on N. bdy. of Tp., hereinbefore described.  
 Thence,  
 S. 0°1'E., on a true line, bet. secs. 2 and 3.  
 Over rolling land, thru. scattering undergrowth.  
 Descend 35 ft., over S. slope.  
 7.70 Wash, 20 lks. wide, course E.  
 11.20 Wash, 36 lks. wide, course S. 70°E. Ascend 40 ft.  
 29.20 Point of spur; slopes E. Descend S. slope, 60 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Continue gradual descent.  
 41.50 Wash, 45 lks. wide, course E. Ascend 15 ft.  
 46.50 Descend 20 ft.  
 53.10 Wash, 18 lks. wide, course E. Ascend 20 ft.  
 59.80 Descend 10 ft.  
 64.00 Wash, 25 lks. wide, course N. 70°E. Ascend 180 ft., over steep N. slope.  
 80.00 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling and mountainous.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, yucca and sage brush.

From the standard cor. of secs. 33 and 34, on the S. bdy. of the Tp. (10th Std. Parallel N. 9), described in Book "A,"  
 N. 0°2'W., bet. secs. 33 and 34.  
 Over gently rolling land, thru. scattering undergrowth.

22 Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.	Descend slight NW. slope.
20.00	Ascend gradual slope, 20 ft.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ \text{S33}   \text{S34} \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Descend gradual slope.
60.00	Ascend gradual slope, 30 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,
	$\begin{array}{c} \text{T41N}   \text{R16W} \\ \text{S28}   \text{S27} \\ \text{S33}   \text{S34} \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling.
	Soil, sand, 3rd rate.
	No timber.
	Undergrowth, yucca and sage brush.
-----	
	East, on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect the cor. of secs. 26, 27, 34 and 35.
	Thence,
	West, on a true line, bet. secs. 27 and 34.
	Over rolling land, thru. scattering undergrowth.
	Descend 25 ft.
5.00	Thence over gently rolling land.
19.40	Road brs. N. to Sullivan's pump, and S. to Mesquite, Nevada.
23.50	Low ridge, brs. N. $10^{\circ}$ W. and S. $10^{\circ}$ E. Descend gradually.
40.06	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \text{ S } 27 \\ \text{S } 34 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
42.90	Road, brs. N. $45^{\circ}$ W. and S. $45^{\circ}$ E. to Littlefield.
55.00	Ascend 25 ft.
64.50	Ridge, brs. S. $5^{\circ}$ E. and N. $5^{\circ}$ W. Descend 25 ft.
70.00	Ascend 20 ft.
80.12	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling and gently rolling.
	Soil, sandy and rocky, 3rd rate.
	No timber.
	Undergrowth, yucca, sagebrush and greasewood.
-----	
	N. $0^{\circ} 2'$ W., bet. secs. 27 and 28.
	Over rolling land, thru. scattering undergrowth.
18.30	Road, brs. N. $85^{\circ}$ W. and S. $85^{\circ}$ E. to Littlefield.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ \text{S28}   \text{S27} \\ 1921 \end{array}$



Subdivision lines of frac. Township 41 North, Range 16 West. 23

Chains.

80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground, and 12 ins. in a mound of stone, for cor. of secs. 21, 22, 27 and 28, marked on brass cap,

T41N	R16W
S21	S22
S28	S27
1921	

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Land, rolling.  
 Soil, sand, 3rd rate.  
 No timber.  
 Undergrowth, yucca, sagebrush and greasewood.

---

40.00 East, on a random line, bet. secs. 22 and 27.  
 Set temp. ¼ sec. cor.

80.16 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.  
 Thence,  
 S. 89° 58' W., on a true line, bet. secs. 22 and 27.  
 Over rolling land, thru. scattering undergrowth.  
 Ascend 30 ft., over slight E. slope.

11.00 Ridge, brs. S. 10° E. and N. 10° W. Descend 10 ft.

15.00 Ascend 25 ft.

19.30 Road brs. N. 2° E. to Sullivan's Pump, and S. 2° W. to Mesquite, Nevada.

26.00 Ridge, brs. N. 10° E. and S. 10° W. Descend 45 ft., over gradual W. slope.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, and 6 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap,

¼	S 22
	S 27
1921	

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Ascend 55 ft., over E. slope.

70.00 Ridge, brs. N. and S. Descend 30 ft.

75.00 Ascend 15 ft. over E. slope.

80.16 The cor. of secs. 21, 22, 27 and 28.  
 Land, rolling.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, yucca, greasewood and sagebrush.

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N. 0° 2' W., bet. secs. 21 and 22.  
 Over rolling land; thru. scattering undergrowth.  
 Ascend 65 ft.

27.00 Ridge; brs. N. 30° W. and S. 30° E. Descend 20 ft., over slight NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for ¼ sec. cor., marked on brass cap,

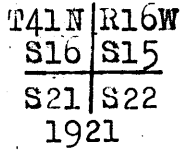
¼	S21	S22
1921		

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Continue descent, 15 ft.

24. Subdivision lines of fractl. Township 41 North, range 16 W.

Chains.

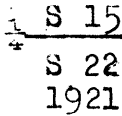
50.00 Ascend 50 ft.  
 70.00 Descend 10 ft.  
 75.00 Ascend 15 ft.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, yucca and sagebrush.

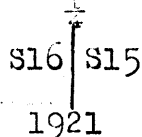
40.00 N. 89° 58' E., on a random line, bet. secs. 15 and 22. Set temp. ¼ sec. cor.  
 80.22 Intersect the cor. of secs. 14, 15, 22 and 23. Thence S. 89° 58' W., on true line, bet. secs. 15 and 22.  
 5.37 Over rolling land, thru scattering undergrowth, to Mesquite, Nev.  
 5.87 Road, brs. N. 5° E. to Sullivan's Pump, & S. 5° W. to Mesquite, Nev.  
 40.11 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for ¼ sec. cor., marked on brass cap,



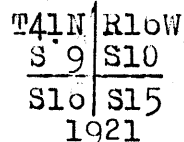
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

80.22 The cor. of secs. 15, 16, 21 and 22.  
 Land, rolling.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, yucca and sage brush.

8.30 N. 0° 2' W., bet. secs. 15 and 16. Over rolling land, thru scattering undergrowth. Ascend 50 ft.  
 40.00 Spur, slopes N. 30° E. Descend 75 ft., over gradual slope. Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for ¼ sec. cor., marked on brass cap,



80.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Thence over gently rolling land. Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and gently rolling.  
 Soil, sandy, 3rd rate.  
 No timber. Undergrowth, yucca, sagebrush and greasewood.

Subdivision lines of fract. Township 41 North, range 10 West. 25

Chains.

40.00 N. 89°58'E., on a random line, bet. secs. 10 and 15.  
 Set temp. 1/4 sec. cor.  
 80.20 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14 and 15.  
 Thence,  
 N. 89°59'W., on a true line, bet. secs. 10 and 15.  
 Over rolling land, thru. scattering undergrowth.  
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 10  
 S 15  
 1921

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.  
 80.20 The cor. of secs. 9, 10, 15 and 16.  
 Land, rolling.  
 Soil, sand, 3rd rate.  
 No timber.  
 Undergrowth, yucca, sage brush and greasewood.

N. 0°2' W., bet. secs. 9 and 10.  
 Over rolling land, thru. scattering undergrowth.  
 Ascend 45 ft.  
 10.00 Spur, slopes E. Descend 35 ft.  
 30.00 Wash, 17 lks. wide, course N. 60° E. Ascend 20 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 9 | S 10  
 1921

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
 Ascend 20 ft.  
 50.00 Point of spur, slopes W. Descend 135 ft., over NW. slope.  
 64.50 Wash, 30 lks. wide, course N. 20° E. Continue descent, 35 ft.  
 75.00 Ascend 20 ft.  
 77.00 Descend 10 ft.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, with marked stone, for cor. of secs. 3, 4, 9 and 10, and raise a mound of stone around post, with brass cap, marked

T41N | R10W  
 S 4 | S 3  
 S 9 | S 10  
 1921

Land, rolling.  
 Soil, sand, 3rd rate.  
 No timber.  
 Undergrowth, yucca and sagebrush.

S. 89°59'E., on a random line, bet. secs. 3 and 10.  
 40.00 Set temp. 1/4 sec. cor.  
 80.32 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.  
 Thence,  
 S. 89°50'W., on a true line, bet. secs. 3 and 10.  
 Over broken land, thru. scattering undergrowth.  
 Descend 100 ft.

## 26 Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.  
 20.00 Wash, 30 lks. wide, course N. 30° E. Ascend 35 ft.  
 22.50 Point of spur, slopes N. 80° E. Descend.  
 25.00 Ascend 245 ft., over E. slope.  
 40.16 The true point for  $\frac{1}{4}$  sec. cor. falls where it cannot be monumented.  
 42.80 Rim, brs. N. and S. Thence over level mesa.  
 42.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

58.77 Rim, brs. N. and S. Descent 135 ft., over steep W. slope.  
 77.00 Wash, 20 lks. wide, course N. 20° E. Ascend 15 ft.  
 80.32 The cor. of secs. 3, 4, 9 and 10.  
 Land, very broken.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, yucca and sagebrush.

-----  
 N. 0° 2' W., on a random line, bet. secs. 3 and 4.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Fall 16 lks. W. of the cor. of secs. 3 and 4, and fracl. secs. 33 and 34, on the N. bdy. of Tp., hereinbefore described.  
 Thence,  
 S. 0° 5' W., on a true line, bet. secs. 3 and 4.  
 Over very broken land, thru. scattering undergrowth.  
 Descend 25 ft.  
 5.00 Ascend 10 ft.  
 6.00 Descend 45 ft.  
 10.00 Ascend 35 ft.  
 13.50 Descend 35 ft.  
 16.50 Wash, 25 lks. wide, course S. 45° E. Ascend 15 ft.  
 26.00 Descend 50 ft.  
 36.50 Wash, course N. 10° E. Ascend 45 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

42.90 Road, brs. E and W. Ascend 20 ft.  
 45.00 Descend 20 ft.  
 53.85 Wash, 15 lks. wide, course E.  
 55.00 Wash, 23 lks. wide, course N. 70° E. Ascend 130 ft.  
 77.30 Descend.  
 80.00 The cor. of secs. 3, 4, 9 and 10.  
 Land, very broken.  
 Soil, sand and rocks, 3rd rate.  
 No timber.  
 Undergrowth, yucca; sagebrush and greasewood.

-----  
 From the standard cor. of sec. 33, and fracl. sec. 32, on the S. bdy. of Tp. (10th Std. Par. N.), described in Book "A," N. 0° 3' W., bet. sec. 33, and fracl. sec. 32.  
 Over rolling land, thru. scattering undergrowth.

Subdivision lines of fracl. Township 41 North, Range 10 West 27

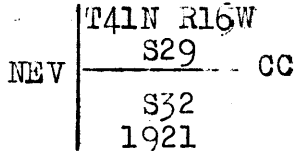
Chains.	Descend .25 ft.
10.00	Wash, 15 lks. wide, course S. 45° E. Ascend 15 ft.
13.50	Thence over slightly rolling land.
31.50	Wash, 20 lks. wide, course S. 20° E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone around post, with brass cap, marked
	$\begin{array}{c} \frac{1}{4} \\ S32   S33 \\ 1921 \end{array}$
59.30	Descend 30 ft.
63.90	Wash, 30 lks. wide, course S. 80° E. Ascend 35 ft.
65.90	Descend 15 ft.
69.50	Wash, 15 lks. wide, course S. 70° E. Ascend .25 ft.
71.00	Thence over gently rolling land.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 28 and 33, and fracl. secs. 29 and 32, marked on brass cap,
	$\begin{array}{c} T41N   R16W \\ S29   S28 \\ S32   S33 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, broken.
	Soil, sandy and rocky, 3rd rate.
	No timber.
	Undergrowth, yucca and sage brush.
-----	
40.00	East, on a random line, bet. secs. 28 and 33.
80.02	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.
	Thence,
	S. 89° 58' W., on a true line, bet. secs. 28 and 33.
	Over rolling land, thru. scattering undergrowth.
	Descend 110 ft.
40.01	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} S 28 \\ S 33 \\ 1921 \end{array}$
	dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
48.00	Continue descent, 35 ft.
60.00	Wash, 100 lks. wide, course S. 45° E. Ascend 70 ft.
65.00	Descend 10 ft.
70.00	Ascend 30 ft.
80.02	Descend 10 ft.
	The cor. of secs. 28, 33, and fracl. secs. 29 and 32.
	Land, rolling.
	Soil, sand and rocks, 3rd rate.
	No timber.
	Undergrowth, yucca, sagebrush and greasewood.
-----	
	West, on a true line, bet. fracl. secs. 29 and 32.
	Over rolling land, thru. scattering undergrowth.
	Descend 20 ft.
5.00	Ascend 55 ft.
15.00	Descend.
25.50	Wash, 15 lks. wide, course S. 45° E.

28 Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.

28.27

Intersect the Arizona-Nevada State Line, 12.37 chs. N. 0° 41' W. of the 306 mile mon., hereinbefore described. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for closing cor. of fracl. secs. 29 and 32, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling.

Soil, sand and rocks, 3rd rate.

No timber.

Undergrowth, yucca, sagebrush and greasewood.

20.00

From cor. of secs. 28 and 33, and fracl. secs. 29 and 32, N. 0° 3' W., bet. sec. 28, and fracl. sec. 29.

Over rolling land, thru. scattering undergrowth.

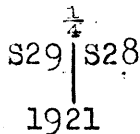
Descend 20 ft.

30.00

Head of draw, 20 lks. wide, course S. 10° E. Asc. 35 ft.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Descend gradual slope, 35 ft.

70.95

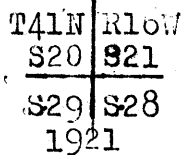
Cliff, brs. N. 45° W. and S. 45° E. Descend 70 ft.

72.50

Wash, 50 lks. wide, course S. 25° E.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 21 and 28, and fracl. secs. 20 and 29, marked on brass cap,



Dig pits, 18x18x12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, rolling and broken.

Soil, 3rd rate.

No timber.

Undergrowth, yucca, sagebrush and greasewood.

40.00

N. 89° 58' E., on a random line, bet. secs. 21 and 28.

79.88

Set temp. ¼ sec. cor.

Intersect the cor. of secs. 21, 22, 27 and 28.

Thence,

S. 89° 58' W., on a true line, bet. secs. 21 and 28.

Over rolling land, thru. scattering undergrowth.

Descend 45 ft.

11.40

Wash, 33 lks. wide, course S. 60° E. Ascend 25 ft.

29.00

Ridge, brs. N. 20° E. and S. 20° W. Descend 50 ft.

35.50

Wash, 20 lks. wide, course S. 00° W. Ascend 20 ft.

38.80

Descend.

39.94

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

Subdivision lines of fracl. Township 41 North, Range 16 West. 29

Chains.

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Continue descent.

41.55 Wash, 15 lks. wide, course S.  $30^\circ$  E. Ascend 25 ft.  
45.00 Spur, slopes S. Descend 85 ft.  
50.00 Ascend 25 ft.  
52.40 Point of spur, slopes S,  $45^\circ$  W. Descend 45 ft.  
70.30 Wash, 30 lks. wide, course S.  $60^\circ$  W.  
79.88 The cor. of secs. 21 and 28, and fracl. secs. 20 and 29.  
Land, rolling.  
Soil, sand and rocks, 3rd rate.  
No timber.  
Undergrowth, yucca, sagebrush and greasewood.

West, on a true line, bet. fracl. secs. 20 and 29.  
Over rolling land, thru. scattering undergrowth.

4.14 Wash, 15 lks. wide, course S.  $5^\circ$  E. Ascend 50 ft.  
15.00 Descend 15 ft.  
25.00 Ascend 10 ft.  
28.89 Intersect the Arizona-Nevada State Line, 12.20 chs. N.  $0^\circ$  4' W., of the 305 mile mon., hereinbefore described.  
At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, with marked stone for closing cor. of fracl. secs. 20 and 29, and raise a mound of stone around post, with brass cap, marked

NEV | T41N R16W  
S20 | CC  
S29  
1921

Land, rolling.  
Soil, sand and rocks, 3rd rate.  
No timber.  
Undergrowth, greasewood, yucca and sagebrush.

From cor. of secs. 21 and 28, and fracl. secs. 20 and 29, N.  $0^\circ$  3' W., bet. sec. 21 and fracl. sec. 20.

Over rolling land, thru. scattering undergrowth.  
Ascend 80 ft.  
25.00 Descend slightly.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S20 |  $\frac{1}{4}$  S21  
1921

70.95 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
80.00 Wash, 30 lks. wide, course S.  $70^\circ$  W. Ascend 35 ft.  
Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 16 and 21, and fracl. secs. 17 and 20, marked on brass cap,

T41N | R16W  
S17 | S16  
S20 | S21  
1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

## 30 Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.

Land, rolling.  
Soil, sandy and rocky, 3rd rate.  
No timber.  
Undergrowth yucca, sage brush and greasewood.

40.00 N. 89° 58' E., on a random line, bet. secs. 10 and 21.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.80 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 15,  
16, 21 and 22.

Thence,  
S. 89° 56' W., on a true line, bet. secs. 10 and 21.  
Over rolling land, thru. scattering undergrowth.  
Ascend 60 ft.  
20.00 Point of spur, slopes S. 45° W. Descend 80 ft.  
30.00 Ascend 45 ft.  
39.90 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
the ground, with marked stone, for  $\frac{1}{4}$  sec. cor., and  
raise a mound of stone around post, with brass cap,  
marked

$\frac{1}{4}$	S 16
	S 21
	1921

Continue ascent.  
40.70 Rim, brs. S. 45° W. and N. 45° E. Descend 115 ft.  
51.10 Wash, 25 lks. wide, course S. 00° W.  
50.20 Wash, 25 lks. wide, course N. 45° W.  
57.00 Wash, 25 lks. wide, course S. 30° W. Ascend 10 ft.  
61.20 Point of spur, slopes S. 10° W. Descend.  
69.80 Wash, 15 lks. wide, course S.  
79.80 The cor. of secs. 10 and 21, and fracl. secs. 17 and 20.  
Land, rolling.  
Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, yucca, sage brush and greasewood.

28.66 west, on a true line, bet. fracl. secs. 17 and 20.  
Over rolling land, thru. scattering undergrowth.  
Intersect the Arizona-Nevada State Line, 12.20 chs. N. 1°  
11' E. of the 304 mile mon., hereinbefore described.  
At the point of intersection, set an iron post, 3 ft. long,  
2 ins. in diam., 24 ins. in the ground, for closing cor.  
of fracl. secs. 17 and 20, marked on brass cap,

	T41N R16W
NEV	S17 — CC
	S20
	1921

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of  
cor.

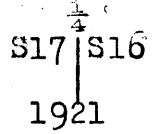
Land, rolling.  
Soil, sandy, 3rd rate.  
No timber.  
Undergrowth, yucca, greasewood and sage brush.

19.95 From cor. of secs. 10 and 21, and fracl. secs. 17 and 20,  
N. 0° 3' W., bet. sec. 10 and fracl. sec. 17.  
31.80 Over rolling land, thru. scattering undergrowth.  
Ascend 95 ft., over SE. slope.  
40.00 Spur, slopes N. 45° W. Descend 60 ft.  
Wash, 18 lks. wide, course S. 80° W. Ascend 25 ft.  
Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



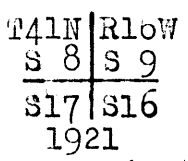
Subdivision lines of fracl. Township 41 North, Range 16 West.

Chains.



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

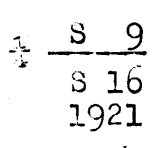
- 55.00 Continue ascent, 55 ft.
- 59.70 Descend 70 ft., over NW. slope.
- 74.85 Wash, 20 lks. wide, course S. 80° W. Ascend 30 ft.
- 80.00 Descend 15 ft.
- Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 9 and 16, and fracl. secs. 8 and 17, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

- Land, rolling.
- Soil, sandy, 3rd rate.
- No timber.
- Undergrowth, yucca, greasewood and sage brush.

- 40.00 N. 89° 50' E., on a random line, bet. secs. 9 and 16.
- 79.88 Set temp. 1/4 sec. cor.
- Intersect N. and S. line, 5 lks. N. of the cor. of secs. 9, 10, 15 and 16.
- Thence,
- S. 89° 50' W., on a true line, bet. secs. 9 and 16.
- Over broken land, thru. scattering undergrowth.
- Ascend 110 ft.
- 35.00 Ridge, brs. N. 40° E. and S. 45° W. Descend 45 ft.
- 39.94 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

- 47.10 Wash, 15 lks. wide, course S. 20° W. Ascend.
- 48.00 Point of spur, slopes S. 45° W. Descend 35 ft.
- 55.00 Head of wash, 25 lks. wide, course S. Ascend 20 ft.
- 58.40 Descend 85 ft.
- 67.40 Wash, 30 lks. wide, course S. 20° W. Continue descent.
- 79.88 The cor. of secs. 9 and 16, and fracl. secs. 8 and 17.
- Land, broken.
- Soil, sand and rocks, 3rd rate.
- No timber.
- Undergrowth, yucca, sagebrush and greasewood.

- West, on a true line, bet. fracl. secs. 8 and 17.
- Over bad lands, thru. scattering undergrowth.
- Ascend 40 ft.
- 9.50 Descend 35 ft.
- 12.60 Leave bad lands; thence over rolling land, brs. N. and S.
- 27.05 Intersect the Arizona-Nevada State Line, 11.91 chs. N. 0° 47' E. of the 303 mile mon., hereinbefore described.
- At the point of intersection, set an iron post, 3 ft.

## 32 Subdivision of fracl. Township 41 North, Range 16 West.

Chains.

long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of fracl. secs. 8 and 17, marked on brass cap,

NEV	T41N R16W	CC
	S 8	
	S 17	
	1921	

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling and "bad lands."

Soil, sandy and rocky, 3rd rate.

No timber.

Undergrowth, yucca, greasewood and sage brush.

15.00  
40.00

From cor. of secs. 9 and 16, and fracl. secs. 8 and 17, N. 0° 3' W., bet. sec. 9, and fracl. sec. 8.

Over broken bad land, thru. scattering undergrowth.

Leave bad, thence over rolling land, brs. NE. and SW;

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

S 8	S 9
	1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Thence over bad lands.

40.40  
45.82  
55.00  
80.00

Draw, course W.

Road brs. NE. to Sullivan's Pump, and SW.

Leave bad land, thence over rolling land, brs. E and W.

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 4 and 9, and fracl. secs. 5 and 8, marked on brass cap,

T41N	R16W
S 5	S 4
S 8	S 9
	1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, broken "bad lands" and rolling.

Soil, sandy and rocky, 3rd rate.

No timber.

Undergrowth, yucca, greasewood and sage brush.

40.00  
79.78

N. 89° 58' E., on a random line, bet. secs. 4 and 9.

Set temp. ¼ sec. cor.

Intersect N. and S. line, 2 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence,

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

Over broken land, thru. scattering undergrowth.

Wash, 15 lks. wide, course N. 70° E. Ascend 280 ft.

4.10  
20.00  
38.20  
39.89

Rim, brs. N. 10° E. and S. 10° W. Thence over rolling mesa.

Rim brs. N. 20° E. and S. 20° W. Descend 40 ft., over W. slope.

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

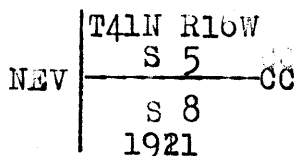
¼	S 4
	S 9
	1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Chains.

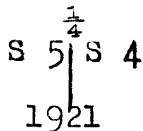
57.80 Continue descent, 65 ft.  
 Old emigrant road, Salt Lake City to Los Angeles, brs. N. 20° E. and S. 20° W. Ascend 15 ft.  
 61.50 Point of spur, slopes S. Descend 105 ft.  
 79.78 The cor. of secs. 4 and 9, and fracl. secs. 5 and 8.  
 Land, broken.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, yucca and sage brush.

26.16 West, on a true line, bet. fracl. secs. 5 and 8.  
 Over rolling land, thru. scattering undergrowth.  
 Intersect the Arizona-Nevada State Line, 12.08 chs. N. 0° 40' W. of the 302 mile mon., hereinbefore described.  
 At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for closing cor. of fracl. secs. 5 and 8, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.  
 Land, rolling.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, yucca, greasewood and sage brush

40.00 From cor. of secs. 4 and 9, and fracl. secs. 5 and 8,  
 N. 0° 5' E., on a random line, bet. sec. 4, and fracl. sec. 5.  
 Set temp. 1/4 sec. cor.  
 80.02 Fall 11 lks. E. of the cor. of sec. 4, and fracl. secs. 5, 32 and 33, on the N. bdy. of Tp., hereinbefore described.  
 Thence,  
 South, on a true line, bet. sec. 4 and fracl. sec. 5.  
 Over broken land, thru. scattering undergrowth.  
 Ascend 80 ft.  
 15.00 Descend 45 ft.  
 25.00 Ascend 15 ft.  
 35.00 Thence over rolling land.  
 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
 Ascend over steep NE. slope, 55 ft.  
 73.00 Top of ascent, brs. E. and W.  
 80.02 The cor. of secs. 4 and 9, and fracl. secs. 5 and 8.  
 Land, rolling and broken.  
 Soil, sandy and rocky, 3rd rate.  
 No timber.  
 Undergrowth, yucca, greasewood and sage brush.

The continued satisfactory adjustment of the solar apparatus during the survey of this fractional township is indicated from field tests, as described in Book "C."

GENERAL DESCRIPTION.

The southern part of this fractional township consists of rolling, and gently rolling, sandy land, draining to the south, covered with a scant growth of yucca, greasewood and sage brush undergrowth. The northern part is rough and broken, being cut by Beaver Dam Wash, and its tributaries. Sullivan's Pump is located in the southeast quarter of sec. 2.

There are no settlers. The old Mormon emigrant trail from Salt Lake City, Utah to Los Angeles, California, crosses the northern part of the township.

There is no indication of valuable mineral.

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CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, Joseph P. Davis, U. S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 112, Arizona, bearing date of the 29th day of September, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the Arizona-Nevada State boundary, and surveyed all those parts or portions of the East and North boundaries, and Subdivision lines of

Fractional Township 41 North, Range 16 West,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of retracement and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 112, Arizona,

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

Place Boies State

Date January 16, 1922

Joseph P. Davis U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, January 25, 1922.

The foregoing field notes of the survey of retracement of part of the Arizona-Nevada State boundary (307M to 301M), and of the survey of part of the East boundary (the North 4 miles) and of all of the North boundary and Subdivision lines of

Fractional Township 41 North, Range 16 West,

of the Gila and Salt River Base and Meridian,

in the State of Arizona,

executed by Joseph P. Davis, U.S. Cadastral Engineer, and Claude F. Warner, U.S. Transitman, under his special instructions dated September 29, 1920, for Grp. 112, Arizona having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Claude F. Warner U. S. Surveyor General

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

U. S. Surveyor General