

FEB 4 - 1914

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines Of

TOWNSHIP 8 NORTH      RANGE 20 WEST

Within the Colorado River Indian Reservation.

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

GUY P. HARRINGTON

In the capacity of U. S. Surveyor, under instructions dated Nov. 23, 1910,

Commissioner of the General Land Office to A.F. Dunnington,  
issued by the ~~United States Surveyor General to govern surveys included in~~  
**Topographer in Charge**

~~Group No. \_\_\_\_\_, which were approved by the Commissioner of the General Land~~

~~Office, \_\_\_\_\_, 191\_\_\_\_, pursuant to authority contained in the Act of~~

~~Congress dated \_\_\_\_\_, 191\_\_\_\_~~

Survey commenced March 19, 1912.

Survey completed March 23, 1912.

BOOK 2456

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Subdivision of T. 8 N., R. 20 W.

Chains

Survey commenced March 19, 1912, by Guy P. Harrington, U. S. Surveyor, and executed with Young & Sons light mountain transits<sup>A</sup> Nos. 8388 & 8394. The horizontal limbs are provided with two double verniers placed opposite each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter and are set 26 ins. in the ground. The posts are pointed and driven, filled with cement, and fitted with brass caps.

For Polaris observation, see field notes of the W. bdy. of this township.

The SE. cor. of this Tp. is in Lat. 33° 59' 04" N., ; Long. 114° 16' 22" W. March 19, 1912. At 8 a.m., l.m.t., I set off 33° 58½' on the lat. arc, 0° 30½' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Ascending mountainous ridge.

6.00 Top of ascent on ridge, brs. NW. and SE. Thence gradual descent.

39.50 Wash, course W. Thence over broken mountainous land.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 35 and 36, with brass cap stamped

¼ S 35 in W. half  
 S 36 in E. half  
 1912 in S.

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

48.00 Wash, course S. 80° W.

54.50 Wash, course W.

Subdivision of T. 8 N., R. 20 W.

Chains

70.00 Wash, course W.

80.00 Set an iron post for the cor. of secs. 25, 26, 35 and 36,  
with brass cap stamped

T 8 N S 25 in NE. quadrant  
R 20 W S 36 in SE. quadrant  
          S 35 in SW. quadrant  
          S 26 in NW. quadrant

1912 in S.  
1 notch on S. and 1 on E. edge

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

Land, mountainous, - barren.  
Soil, stony, 3rd rate.



From the cor. of secs. 25, 26, 35 and 36, I run  
East on a random line bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

80.16 Intersect the cor. of secs. 25, 30, 31 and 36, on E. bdy.  
of Tp.

Thence I run  
West on a true line bet. secs. 25 and 36.  
Over mountainous land, ascending.

27.00 Top of ridge, brs. NW. and SE. Thence descend.

36.50 Wash, course N. 45° W.

39.00 Spur, brs. NW. and SE.

40.08 Set an iron post for ¼ sec. cor. bet. secs. 25 and 36,  
with brass cap stamped

¼ S 25 in N. half  
          S 36 1912 in S. half

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

44.00 Wash, course N. 60° W.

52.25 Spur, brs. NW. and SE.

65.70 Wash, course N.

73.00 Ridge, brs. NW. and SE.

78.90 Wash, course N. 25° W.

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

Land, barren and mountainous.  
Soil, stony, 3rd rate.

Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 25, 26, 35 and 36, I run  
N. 0° 01' W. bet. secs. 25 and 26.

Over mountainous land.

4.00 Wash, course N. 60° W.

19.50 Wash, course N. 30° W.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 25 and 26,  
with brass cap stamped

$\frac{1}{4}$  S 26 in W. half  
S 25 in E. half  
1912 in S.

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

43.90 Wash, course S. 80° W.

68.20 Wash, course N. 60° W.

76.00 Wash, course N. 30° W.

79.85 Set an iron post for W.C. to the cor. of secs. 23, 24,  
25 and 26, with brass cap stamped

T 8 N S 24 in NE. quadrant  
R 20 W S 25 in SE. quadrant  
S 26 in SW. quadrant  
S 23 in NW. quadrant  
1912 in S.  
and W C in addition

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

80.00 True point for cor. of secs. 23, 24, 25 and 26 falls on  
steep slope of sand hill, where it is impracticable to  
establish the cor.

Land, mountainous, - barren.  
Soil, stony and sandy, 3rd rate.

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From the cor. of secs. 23, 24, 25 and 26, I run  
East on a random line bet. secs. 24 and 25.

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

80.02 Falls 6 lks. N. of the cor. of secs. 19, 24, 25 and 30,  
on E. bdy. of Tp.

Thence I run

Subdivision of T. 8 N., R. 20 W.

Chains	
	N. 89° 57' W. on a true line bet. secs. 24 and 25. Over broken mountains.
1.60	Spur, brs. N. 30° W. and S. 30° E.
16.80	Wash, course N. 40° W.
30.00	Spur, brs. NW. and SE.
40.01	Point for $\frac{1}{4}$ sec. cor. falls on clay bluff.
40.71	Set an iron post for W.C. to $\frac{1}{4}$ sec. cor. bet. secs. 24 and 25, with brass cap stamped  $\frac{1}{4}$ S 24 in N. half S 25 1912 in S. half and W C in addition.  Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.20	Bend in wash, course S. 85° W. from S. 80° E.
73.30	Same wash, course N. 20° W.
80.02	True point for cor. of secs. 23, 24, 25 and 26.  Land, mountainous, - barren. Soil, sandy and stony, 3rd rate.
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	point for From the cor. of secs. 23, 24, 25 and 26, I run N. 0° 01' W. bet. secs. 23 and 24.  Over broken sand hills.
14.80	Wash, course W.
25.80	Wash, course W.
32.50	Ridge, brs. NW. and SE.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 23 and 24, with brass cap stamped  $\frac{1}{4}$ S 23 in W. half S 24 in E. half 1912 in S.  Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
42.50	Wash, course W.
77.00	Wash, course NW.

Subdivision of T. 8 N., R. 20 W.

Chains

80.00 Set an iron post for the cor. of secs. 13, 14, 23 and 24, with brass cap stamped

T 8 N S 13 in NE. quadrant  
R 20 W S 24 in SE. quadrant  
S 23 in SW. quadrant  
S 14 in NW. quadrant

1912 in S.  
3 notches on S. and 1 notch on E. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, barren sand hills.  
Soil, sandy, 3rd rate.

March 19, 1912. At this cor., I set off 0° 26' S. on the decl. arc, and at 12h 07m 58s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 01 1/2', which is within 0 1/2' of the proper lat.

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From the cor. of secs. 13, 14, 23 and 24, I run S. 89° 57' N. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

79.90 Falls 18 lks. S. of the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp.

Thence I run

S. 89° 55' W. on a true line bet. secs. 13 and 24.

Over rolling sand hills.

35.00 Wash, course S. 50° W.

39.95 Set an iron post for 1/4 sec. cor. bet. secs. 13 and 24, with brass cap stamped

1/4 S 13 in N. half  
S 24 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

74.50 Wash, course N. 60° W.

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

Land, rolling sand hills, - barren.  
Soil, sandy, 3rd rate.

Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 13, 14, 23 and 24, I run  
N. 0° 01' W. bet. secs. 13 and 14.  
Over nearly level land.

5.00 Wash, course W.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 14,  
with brass cap stamped

$\frac{1}{4}$  S 14 in W. half  
S 13 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 11, 12, 13 and 14,  
with brass cap stamped

T 8 N S 12 in NE. quadrant  
R 20 W S 13 in SE. quadrant  
S 14 in SW. quadrant  
S 11 in NW. quadrant  
1912 in S.

4 notches on S. and 1 notch on E. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, nearly level, - barren.  
Soil, sandy, 3rd rate.

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From the cor. of secs. 11, 12, 13 and 14, I run  
N. 89° 55' E. on a random line bet. secs. 12 and 13.

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

79.90 Falls 18 lks. N. of the cor. of secs. 7, 12, 13 and 18,  
on E. bdy. of Tp.

Thence I run

N. 89° 57' W. on a true line bet. secs. 12 and 13,

Through Bouse Arroyo, - scattering trees.

19.10 Road, brs. N. 45° W, and S. 45° E.

21.20 Leave arroyo, course N. 45° W.

Thence over rolling mesa.



Subdivision of T. 8 N., R. 20 W.

Chains

39.95 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 12 and 13,  
with brass cap stamped

$\frac{1}{4}$  S 12 in N. half  
S 13 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

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

Land, rolling, - barren.  
Soil, sandy, 3rd rate.  
Scattering timber in Bouse Arroyo.

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From the cor. of secs. 11, 12, 13 and 14, I run  
N. 0° 01' W. bet. secs. 11 and 12.  
Over sandy mesa.

12.75 Enter Bouse Arroyo, course N. 60° W.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 12,  
with brass cap stamped

$\frac{1}{4}$  S 11 in W. half  
S 12 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

42.50 Road, brs. E. and W.

58.50 Leave Bouse Arroyo, course N. 60° W.

Thence over sandy mesa.

80.00 Set an iron post for the cor. of secs. 1, 2, 11 and 12,  
with brass cap stamped

T 8 N S 1 in NE. quadrant  
R 20 W S 12 in SE. quadrant  
S 11 in SW. quadrant  
S 2 in NW. quadrant  
1912 in S.

5 notches on S, and 1 notch on E. edge

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, rolling and level, - barren.  
Soil, sandy, 3rd rate.  
Scattering timber in Bouse Arroyo.

Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 1, 2, 11 and 12, I run  
S. 89° 57' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

79.88 Falls 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, on  
E. bdy. of Tp.

Thence I run

N. 89° 58' W. on a true line bet. secs. 1 and 12.

Over level, sandy mesa.

39.94 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 12,  
with brass cap stamped

1/4 S 1 in N. half  
S 12 1912 in S. half

Dig pits 18x18x12 ins. N. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

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

Land, barren mesa.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 1, 2, 11 and 12, I run  
N. 0° 01' W. on a true line bet. secs. 1 and 2.

Over level mesa.

20.00 Enter scattered timber, brs. NE. and SW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 2, with  
brass cap stamped

1/4 S 2 in W. half  
S 1 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

80.10 Intersect the 2nd Standard Parallel N., 3.07 chs. W. of  
the standard 1/4 sec. cor. of sec. 36, T. 9 N., R. 20 W.

Set an iron post for the C.C. of secs. 1 and 2, with  
brass cap stamped

C C 1912 in S.  
T 8 N S 2 in SW. quadrant  
R 20 W S 1 in SE. quadrant  
1 notch on E. and 5 notches on W. edge

Subdivision of T. 8 N., R. 20 W.

Chains

Dig pits 24x18x12 ins. E. and W., 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of post.

Land, level mesa.  
Soil, sandy, 3rd rate.

March 20, 1912. At 8 a.m., l.m.t., I set off 33° 58½' on the lat. arc, 0° 06½' S. on the decl. arc, and determine a meridian with the solar at the true point for cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., which is 40 lks. E. of W.C.

Thence I run

N. 0° 01' W. bet. secs. 34 and 35.

Over mountainous land.

- 5.55 Wash, course N. 65° W.
- 17.25 Wash, course N. 45° W.
- 25.75 Wash, course N. 75° W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 34 and 35, with brass cap stamped

¼ S 34 in W. half  
S 35 in E. half  
1912 in S.

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

59.75 Deep rocky gulch, course N. 20° W.

66.40 Wash, course S. 60° W.

73.40 High clay ridge, hrs. N. 70° W. and S. 70° E.

80.00 Set an iron post for the cor. of secs. 26, 27, 34 and 35, with brass cap stamped

T 8 N S 26 in NE. quadrant  
R 20 W S 35 in SE. quadrant  
S 34 in SW. quadrant  
S 27 in NW. quadrant  
1912 in S.

1 notch on S. and 2 notches on E. edge

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

Land, mountainous, - barren.  
Soil, stony, 3rd rate.

Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 26, 27, 34 and 35, I run  
 East on a random line bet. secs. 26 and 35.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor. bet. secs. 26 and 35.  
 79.90 Falls 18 lks. N. of the cor. of secs. 25, 26, 35 and 36.  
 Thence I run  
 N. 89° 52' W. on a true line bet. secs. 26 and 35.  
 Over mountainous land.  
 3.90 Wash, course N. 15° W.  
 22.95 Wash, course N. 10° W.  
 31.70 Wash, course N.  
 39.95 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 26 and 35,  
 with brass cap stamped  
 $\frac{1}{4}$  S 26 in N. half  
 S 35 1912 in S. half  
 Build a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of  
 cor.  
 42.10 Wash, course N. 15° W.  
 47.00 Deep rocky canyon, course N. 40° W.  
 51.00 Flat wash, course N. 25° W.  
 59.00 Wash, course N. 30° E.  
 69.50 Sand ridge, brs. N. and S.  
 79.05 Draw, drains N. 45° W.  
 79.90 The cor. of secs. 26, 27, 34 and 35.  
 Land, mountainous, - barren.  
 Soil, sandy and stony, 3rd rate.

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From the cor. of secs. 26, 27, 34 and 35, I run  
 N. 0° 01' W. bet. secs. 26 and 27.  
 Over mountainous land.  
 .75 Draw, drains N. 45° W.  
 9.60 Sand ridge, brs. E. and W.  
 21.80 Wash, course N. 80° W.  
 24.25 Wash, course W.  
 36.50 Enter arroyo, course W.  
 40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 26 and

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Chains

27, with brass cap stamped

1/4 S 27 in W. half  
S 26 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

48.50 Leave arroyo, course W.

61.00 Enter arroyo, course W.

75.10 Leave arroyo, course W.

80.00 Set an iron post for the cor. of secs. 22, 23, 26 and 27,  
with brass cap stamped

T 8 N S 23 in NE. quadrant  
R 20 W S 26 in SE. quadrant  
S 27 in SW. quadrant  
S 22 in NW. quadrant  
1912 in S.

2 notches on S. and 2 notches on E. edge

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

Land, rolling and mountainous, - barren.  
Soil, stony, 3rd rate.

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From the cor. of secs. 22, 23, 26 and 27, I run  
S. 89° 52' E. on a random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.02 Falls 12 lks. S. of true point for the cor. of secs. 23,  
24, 25 and 26.

Thence I run

N. 89° 57' W. on a true line bet. secs. 23 and 26.

Over broken sand hills.

2.50 Wash, course N. 10° W.

19.20 Wash, course N.

21.70 Wash, course N.

26.60 Small wash, course N. 60° W.

30.00 Small wash, course N. 45° W.

40.01 Set an iron post for 1/4 sec. cor. bet. secs. 23 and 26,  
with brass cap stamped

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Chains

‡ S 23 in N. half  
S 26 1912 in S. half

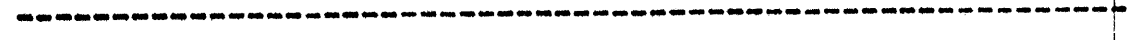
Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3½ ft. base, 1½ ft. high,  
N. of cor.

41.00 Small wash, course N.

45.00 Sand ridge, brs. N. 10° W. and S. 10° E.

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

Land, barren sand hills.  
Soil, sandy, 3rd rate.



From the cor. of secs. 22, 23, 26 and 27, I run  
N. 0° 01' W. bet. secs. 22 and 23.

Over broken sand hills.

16.70 Wash, course W.

21.00 Wash, course S. 50° W.

28.50 Enter arroyo, course S. 50° W.

31.50 Leave arroyo, course S. 50° W.

40.00 Set an iron post for ‡ sec. cor. bet. secs. 22 and 23,  
with brass cap stamped

‡ S 22 in W. half  
S 23 in E. half  
1912 in S.

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

42.65 Wash, course S. 70° W.

54.00 Large wash, course S. 65° W.

62.00 Small wash, course S. 45° W.

80.00 Set an iron post for the cor. of secs. 14, 15, 22 and 23,  
with brass cap stamped

T 8 N S 14 in NE. quadrant  
R 20 W S 23 in SE. quadrant  
S 22 in SW. quadrant  
S 15 in NW. quadrant  
1912 in S.

3 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

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Chains

Land, barren sand hills.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 14, 15, 22 and 23, I run  
S. 89° 57' E. on a random line bet. secs. 14 and 23.

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

79.86 Falls 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run

N. 89° 58' W. on a true line bet. secs. 14 and 23.

Over nearly level mesa.

3.00 Wash, course NW.

39.93 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23,

with brass cap stamped

$\frac{1}{4}$  S 14 in N. half  
S 23 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,

and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,

N. of cor.

42.50 Draw, drains N.

45.50 Draw, drains N. 30° W.

54.20 Draw, drains N.

62.20 Draw, drains N.

79.86 The cor. of secs. 14, 15, 22 and 23.

Land, level mesa and rolling sand hills, - barren.  
Soil, sandy, 3rd rate.

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March 20, 1912. At the cor. of secs. 14, 15, 22 and 23,

I set off 0° 3 $\frac{1}{4}$ ' S. on the decl. arc, and at 12h 7m 40s  
p.m., l.m.t., observe the sun on the meridian; the re-  
sulting lat. is 34° 01 $\frac{1}{2}$ ', the proper lat.

Thence I run

N. 0° 01' W. bet. secs. 14 and 15.

Over rolling sand hills.

5.50 Small wash, course W.

7.50 Small wash, course W.

15.00 Enter arroyo, course W.

Subdivision of T. 8 N., R. 20 W.

Chains

- 20.00 Leave arroyo, course W.
- 26.50 Small wash, course S. 45° E.
- 36.50 Small wash, course S. 45° E.
- 40.00 Set an iron post for 1/4 sec. cor. bet. secs. 14 and 15,  
with brass cap stamped  
  - 1/4 S 15 in W. half
  - S 14 in E. half
  - 1912 in S.
 Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.
- 52.00 Small wash, course W.
- 58.50 Small wash, course S. 80° W.
- 73.35 Small wash, course W.

- 80.00 Set an iron post for the cor. of secs. 10, 11, 14 and 15,  
with brass cap stamped  
  - T 8 N S 11 in NE. quadrant
  - R 20 W S 14 in SE. quadrant
  - S 15 in SW. quadrant
  - S 10 in NW. quadrant
  - 1912 in S.
  - 4 notches on S. and 2 on E. edges
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, rolling sand hills, - barren.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 10, 11, 14 and 15, I run  
S. 89° 58' E. on a random line bet. secs. 11 and 14.

- 40.00 Set temp. 1/4 sec. cor.
- 79.86 Falls 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.  
Thence I run  
N. 89° 56' W. on a true line bet. secs. 11 and 14.  
Over rolling land.
- 1.25 Wash, course N. 45° W.
- 4.65 Wash, course N. 20° E.



Subdivision of T. 8 N., R. 20 W.

Chains

39.93 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 14, with brass cap stamped

$\frac{1}{4}$  S 11 in N. half  
S 14 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

79.86 The cor. of secs. 10, 11, 14 and 15.

Land, rolling, - barren.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 10, 11, 14 and 15, I run N. 0° 01' W. bet. secs. 10 and 11.

Over rolling land.

7.10 Wash, course N. 70° W.

9.40 Wash, course S. 80° W.

29.00 Enter level bottom land, <sup>and scattered timber</sup> brs. N. 45° E. and S. 45° W.

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 11, with brass cap stamped

$\frac{1}{4}$  S 10 in W. half  
S 11 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 2, 3, 10 and 11, with brass cap stamped

T 8 N S 2 in NE. quadrant  
R 20 W S 11 in SE. quadrant  
S 10 in SW. quadrant  
S 3 in NW. quadrant  
1912 in S.

5 notches on S. and 2 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling, - barren.  
Soil, sandy, 3rd rate.  
-----

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Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 2, 3, 10 and 11, I run  
S. 89° 56' E. on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.86 Falls 10 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence I run

N. 89° 52' W. on a true line bet. secs. 2 and 11.

Over nearly level land.

25.00 Enter scattered timber, brs. NE. and SW.

39.93 Set an iron post for the 1/4 sec. cor. bet. secs. 2 and 11,  
with brass cap stamped

1/4 S 2 in N. half  
S 11 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

40.95 Road, brs. N. 20° W. and S. 20° E.

55.50 Wash, from Bouse Arroyo, course N.

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

Land, nearly level,  
Soil, sandy, 3rd rate.  
Scattered timber, 52.86 chs.

From the cor. of secs. 2, 3, 10 and 11, I run  
N. 0° 01' W. on a true line bet. secs. 2 and 3.

Over level land, through scattered timber.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 2 and 3,  
with brass cap stamped

1/4 S 3 in W. half  
S 2 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

79.97 Intersect the 2nd Standard Parallel N., 2.92 chs. W. of  
the standard 1/4 sec. cor. of sec. 35, T. 9 N., R. 20 W.  
Set an iron post for C.C. of secs. 2 and 3, with brass  
cap stamped

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Subdivision of T. 8 N., R. 20 W.

Chains

C C 1912 in S.  
T 8 N S 3 in SW. quadrant  
R 20 W S 2 in SE. quadrant  
2 notches on E. and 4 notches on W. edge

Dig pits 24x18x12 ins. E. and W., 3 ft., and S. of cor.,  
7 ft. dist., and raise a mound of earth 4 ft. base, 2  
ft. high, S. of post.

Land, level, - agricultural.  
Soil, sandy, 1st and 3rd rate.  
Scattered timber, 79.97 chs.

-----  
March 21, 1912. At 8 a.m., l.m.t., I set off 33° 58½'  
on the lat. arc, 0° 17¼' N. on the decl. arc, and deter-  
mine a meridian with the solar, at the cor. of secs. 3,  
4, 33 and 34, on S. bay. of Tp.

Thence I run

N. 0° 02' W. bet. secs. 33 and 34.

Over broken sand hills.

- 4.60 Wash, course N. 50° W.
- 10.80 Wash, course N. 45° W.
- 15.60 Wash, course W.
- 21.00 Wash, course N. 45° W.
- 28.00 Sand ridge, brs. N. 60° W. and S. 60° E.
- 40.00 Set an iron post for ¼ sec. cor. bet. secs. 33 and 34,  
with brass cap stamped  
  - ¼ S 33 in W. half
  - S 34 in E. half
  - 1912 in S.
- Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3½ ft. base, 1½ ft. high,  
W. of cor.
- 55.00 Enter arroyo, course NW.
- 74.00 Leave arroyo, course NW.
- 80.00 Set an iron post for the cor. of secs. 27, 28, 33 and 34,  
with brass cap stamped

Subdivision of T. 8 N., R. 20 W.

Chains

T 8 N S 27 in NE. quadrant  
R 20 W S 34 in SE. quadrant  
S 33 in SW. quadrant  
S 28 in NW. quadrant

1912 in S.  
1 notch on S. and 3 notches on E. edges

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

Land, broken, - barren.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 27, 28, 33 and 34, I run  
East on a random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

79.88 Falls 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence I run

N. 89° 59' W. on a true line bet. secs. 27 and 34.

Over rolling sand hills.

12.40 Wash, course N. 40° W.

18.00 Wash, course N.

33.30 Wash, course N. 10° E.

39.94 Set an iron post for ¼ sec. cor. bet. secs. 27 and 34,  
with brass cap stamped

¼ S 27 in N. half  
S 34 1912 in S. half

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

79.88 The cor. of secs. 27, 28, 33 and 34.

Land, rolling, - barren.  
Soil, sandy, 3rd rate.

-----  
From the cor. of secs. 27, 28, 33 and 34, I run  
N. 0° 02' W. bet. secs. 27 and 28.

Over nearly level land.

9.40 Small wash, course N. 45° W.

18.40 Small wash, course N. 15° E.

21.15 Small wash, course N. 65° E.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 27 and

Subdivision of T. 8 N., R. 20 W.

Chains

28, with brass cap stamped

¼ S 28 in W. half  
S 27 in N. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3½ ft. base, 1½ ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 21, 22, 27 and 28,  
with brass cap stamped

T 8 N S 22 in NE. quadrant  
R 20 W S 27 in SE. quadrant  
S 28 in SW. quadrant  
S 21 in NW. quadrant  
1912 in S.

2 notches on S. and 3 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, nearly level, - barren and agricultural.  
Soil, sandy 2nd and 3rd rate.

-----  
From the cor. of secs. 21, 22, 27 and 28, I run  
S. 89° 59' E. on a random line bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

79.76 Falls 8 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence I run

N. 89° 56' W. on a true line bet. secs. 22 and 27.

Over rolling land.

25.00 Leave rolling land, brs. N. and S.

Thence over level land.

31.00 Wash, course N. 10° W.

39.88 Set an iron post for ¼ sec. cor. bet. secs. 22 and 27,  
with brass cap stamped

¼ S 22 in N. half  
S 27 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3½ ft. base, 1½ ft. high,  
N. of cor.

Subdivision of T. 8 N., R. 20 W.

Chains

60.00 Enter scattered timber, brs. N. and S.  
79.76 The cor. of secs. 21, 22, 27 and 28.

Land, level and rolling, - barren and agricultural.  
Soil, sandy, 1st and 3rd rate.

-----  
From the cor of secs. 21, 22, 27 and 28, I run  
N. 0° 02' W. bet. secs. 21 and 22.

Over level land, through scattering brush.

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 21 and 22,  
with brass cap stamped

$\frac{1}{4}$  S 21 in W. half  
S 22 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 15, 16, 21 and 22,  
with brass cap stamped

T 8 N S 15 in NE. quadrant  
R 20 W S 22 in SE. quadrant  
S 21 in SW. quadrant  
S 16 in NW. quadrant  
1912 in S.  
3 notches on S. and 3 on E. edges

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, level, - agricultural.  
Soil, sandy, some alkali, 2nd rate.  
Scattering brush of mesquite.

-----  
From the cor. of secs. 15, 16, 21 and 22, I run  
S. 89° 56' E. on a random line bet. secs. 15 and 22.

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

79.70 Falls 12 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence I run

N. 89° 51' W. on a true line bet. secs. 15 and 22.

Over rolling land.

10.25 Wash, course S. 60° W.

Subdivision of T. 8 N., R. 20 W.

Chains

21.60 Wash, course S. 35° W. Enter scattered mesquite brush, brs. N. and S.

39.85 Set an iron post for the 1/4 sec. cor. bet. secs. 15 and 22, with brass cap stamped

1/4 S 15 in N. half  
S 22 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

79.70 The cor. of secs. 15, 16, 21 and 22.

Land, rolling and level, - barren and agricultural. Soil, sandy, 2nd rate. Scattering mesquite brush, 58.10 chs.

-----  
March 21, 1912. At the cor. of secs. 15, 16, 21 and 22, I set off 0° 20 1/2' N. on the decl. arc, and at 12h 07m 27s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 01 1/2', the proper lat.

Thence I run

N. 0° 02' W. bet. secs. 15 and 16.

Over level land, through scattering brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 15 and 16, with brass cap stamped

1/4 S 16 in W. half  
S 15 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 9, 10, 15 and 16, with brass cap stamped

T 8 N S 10 in NE. quadrant  
R 20 W S 15 in SE. quadrant  
S 16 in SW. quadrant  
S 9 in NW. quadrant  
1912 in S.

4 notches on S. and 3 on E. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Subdivision of T. 8 N., R. 20 W.

Chains

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Scattering brush of mesquite.

-----  
From the cor. of secs. 9, 10, 15 and 16, I run  
S. 89° 51' E. on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec cor.

79.70 Falls 4 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence I run

N. 89° 49' W. on a true line bet. secs. 10 and 15.

Over rolling land.

36.95 Wash, course S. 45° W.

Enter level land and scattering brush, brs. N. and S.

39.85 Set an iron post for the 1/4 sec. cor. bet. secs. 10 and 15,

with brass cap stamped

1/4 S 10 in N. half  
S 15 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

79.70 The cor. of secs. 9, 10, 15 and 16.

Land, level and rolling, - agricultural and barren.  
Soil, sandy, 2nd and 3rd rate.  
Scattering brush of mesquite, 42.75 chs.

-----  
From the cor. of secs. 9, 10, 15 and 16, I run

N. 0° 02' W. bet. secs. 9 and 10.

Over level land, through scattering brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 9 and 10,

with brass cap stamped

1/4 S 9 in W. half  
S 10 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 3, 4, 9 and 10,



Subdivision of T. 8 N., R. 20 W.

Chains

with brass cap stamped

T 8 N 8 3 in NE. quadrant  
R 20 W 8 10 in SE. quadrant  
8 9 in SW. quadrant  
8 4 in NW. quadrant

1912 in S.

5 notches on S. and 3 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Scattering brush of mesquite and sage.

-----  
From the cor. of secs. 3, 4, 9 and 10, I run  
S. 89° 49' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

79.76 Falls 2 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence I run

N. 89° 50' W. on a true line bet. secs. 3 and 10.

Over level land, through scattering brush.

39.88 Set an iron post for the 1/4 sec. cor. bet. secs. 3 and 10,  
with brass cap stamped

1/4 S 3 in N. half  
8 10 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

79.76 The cor. of secs. 3, 4, 9 and 10.

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Scattering brush of mesquite and sage, full distance.

-----  
From the cor. of secs. 3, 4, 9 and 10, I run

N. 0° 02' W. bet. secs. 3 and 4.

Over level land, through scattering brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 3 and 4,  
with brass cap stamped

Subdivision of T. 8 N., R. 20 W.

Chains

1/4 S 4 in W. half  
S 3 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

54.30 Road, brs. N. 45° E. and S. 45° W.

79.30 Road, brs. N. 15° E. and S. 15° W.

79.86 Intersect the 2nd Standard Parallel N., 2.66 chs. W. of  
the Standard 1/4 sec. cor. of sec. 34, T. 9 N., R. 20 W.

Set an iron post for C.C. of secs. 3 and 4, with brass  
cap stamped

C C 1912 in S.  
T 8 N S 4 in SW. quadrant  
R 20 W S 3 in SE. quadrant  
3 notches on E. and W. edges

Dig pits 24x18x12 ins. E. and W. 3 ft., and S. of cor.  
7 ft. dist., and raise a mound of earth 4 ft. base, 2  
ft. high, S. of cor.

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Scattering brush of mesquite, full distance.

-----  
March 22, 1912. At 8 a.m., l.m.t., I set off 33° 58 1/2'  
on the lat. arc, 0° 41' N. on the decl. arc, and deter-  
mine a meridian with the solar at the cor. of secs. 4,  
5, 32 and 33, on S. bdy. of Tp.

Thence I run  
N. 0° 02' W. bet. secs. 32 and 33.

Over rolling sand hills.

6.00 Sand ridge, brs. E. and W.

10.00 Wash, course W.

22.00 Enter level bottom and scattering brush, brs. NE. and SW.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 32 and 33,  
with brass cap stamped

1/4 S 32 in W. half  
S 33 in E. half  
1912 in S.

Subdivision of T. 8 N., R. 20 W.

Chains

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

42.80 Wash, course W.

80.00 Set an iron post for the cor. of secs. 28, 29, 32 and 33, with brass cap stamped

T 8 N S 28 in NE. quadrant  
R 20 W S 33 in SE. quadrant  
S 32 in SW. quadrant  
S 29 in NW. quadrant

1912 in S.  
1 notch on S. and 4 notches on E. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and level, - agricultural and barren.  
Soil, sandy, 2nd and 3rd rate.  
Scattering brush, 58.00 chs.

-----  
From the cor. of secs. 28, 29, 32 and 33, I run

East on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.00 Falls 18 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

S. 89° 52' W. on a true line bet. secs. 28 and 33.

Over rolling land.

11.25 Sand hill, brs. N. and S.

15.00 Enter arroyo, course N.

20.50 Leave arroyo, course N.

31.00 Enter level bottom and scattering brush, brs. N. 70° E. and S. 70° W.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 28 and 33, with brass cap stamped

1/4 S 28 in N. half  
S 33 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

Subdivision of T. 8 N., R. 20 W.

Chains

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, rolling and level, - agricultural and barren.  
Soil, sandy, 2nd rate.  
Scattering brush of mesquite, 49.00 chs.

-----  
From the cor of secs. 28, 29, 32 and 33, I run  
N. 0° 02' W. bet. secs. 28 and 29.  
Over level land, through brush.

17.70 Wire fence, brs. N. 50° E. and S. 50° W.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 28 and 29,  
with brass cap stamped

1/4 S 29 in W. half  
S 28 in E. half  
1912 in S., from which

A mesquite 14 ins. dia. brs. N. 12° 45' E., 40 lks. dist.  
Mkd. 1/4 S 28 B T.  
A mesquite 8 ins. dia. brs. N. 20° W., 36 lks. dist.  
Mkd. 1/4 S 29 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 20, 21, 28 and 29,  
with brass cap stamped

T 8 N S 21 in NE. quadrant  
R 20 W S 28 in SE. quadrant  
S 29 in SW. quadrant  
S 20 in NW. quadrant  
1912 in S.

2 notches on S. and 4 notches on E. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Scattering mesquite, alkali weed and quail brush.

-----  
From the cor. of secs. 20, 21, 28 and 29, I run  
N. 89° 52' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.00 Falls 13 lks. N. of the cor. of secs. 21, 22, 27 and 28,  
Thence I run

Subdivision of T. 8 N., R. 20 W.

Chains

West on a true line bet. secs. 21 and 28.

Over level land, through scattering brush.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 21 and 28,  
with brass cap stamped

$\frac{1}{4}$  S 21 in N. half  
S 28 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

69.30 Wire fence, brs. N. 25° W. and S. 25° E.

80.00 The cor. of secs. 20, 21, 28 and 29.

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Scattering mesquite brush, full distance.

-----

From the cor. of secs. 20, 21, 28 and 29, I run  
N. 0° 02' W. bet. secs. 20 and 21.

Over level land, through brush.

12.40 Road, brs. NE. and SW.

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 20 and 21,  
with brass cap stamped

$\frac{1}{4}$  S 20 in W. half  
S 21 in E. half  
1912 in S., from which

A mesquite 24 ins. dia. brs. S. 48 $\frac{1}{2}$ ° W., 140 lks. dist.  
Mkd.  $\frac{1}{4}$  S 20 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

45.40 Wire fence, brs. N. 20° W. and S. 20° E.

80.00 Set an iron post for the cor. of secs. 16, 17, 20 and 21,  
with brass cap stamped

T 8 N S 16 in NE. quadrant  
R 20 W S 21 in SE. quadrant  
S 20 in SW. quadrant  
S 17 in NW. quadrant

1912 in S.  
3 notches on S. and 4 notches on E. edges,

from which

Subdivision of T. 8 N., R. 20 W.

Chains

A mesquite 16 ins. dia. brs. N. 83 $\frac{1}{4}$  $^{\circ}$  E., 116 lks. dist.  
 Mkd. T 8 N R 20 W S 16 B T.  
 A mesquite 24 ins. dia. brs. S. 24 $\frac{1}{4}$  $^{\circ}$  E., 110 lks. dist.  
 Mkd. T 8 N R 20 W S 21 B T.  
 A mesquite 8 ins. dia. brs. N. 82 $\frac{1}{4}$  $^{\circ}$  W., 155 lks. dist.  
 Mkd. T 8 N R 20 W S 17 B T.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of  
 cor.

Land, level, - agricultural.  
 Soil, sandy loam, 1st rate.  
 Brush of sage and mesquite.

-----  
 From the cor. of secs. 16, 17, 20 and 21, I run  
 East on a random line bet. secs. 16 and 21.

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

80.10 Falls 4 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence I run

N. 89 $^{\circ}$  58' W. on a true line bet. secs. 16 and 21.

Over level land, through brush.

40.05 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 16 and  
 21, with brass cap stamped

$\frac{1}{4}$  S 16 in N. half  
 S 21 1912 in S. half, from which

A mesquite 6 ins. dia. brs. S. 48 $\frac{1}{2}$  $^{\circ}$  E., 74 lks. dist.  
 Mkd.  $\frac{1}{4}$  S 21 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
 and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.

70.00 Road, brs. N. 15 $^{\circ}$  E. and S. 15 $^{\circ}$  W.

80.10 The cor. of secs. 16, 17, 20 and 21.

Land, level, - agricultural.  
 Soil, sandy loam, 1st rate.  
 Scattering mesquite brush.

-----  
 March 22, 1912. At the cor. of secs. 16, 17, 20 and 21,  
 I set off 0 $^{\circ}$  44 $\frac{1}{4}$ ' N. on the decl. arc, and at 12h 07m  
 04s p.m., l.m.t., observe the sun on the meridian; the  
 resulting lat. is 34 $^{\circ}$  01 $\frac{1}{2}$ ', the proper lat.

Thence I run

Subdivision of T. 8 N., R. 20 W.

Chains

N. 0° 02' W. bet. secs. 16 and 17.

Over level land, through brush.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 16 and 17, with brass cap stamped

$\frac{1}{4}$  S 17 in W. half  
S 16 in E. half  
1912 in S., from which

A mesquite 14 ins. dia. brs. S. 43° 45' E., 110 lks. dist.  
Mkd.  $\frac{1}{4}$  S 16 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

48.55 Dim road, brs. N. 45° E., and S. 45° W.

80.00 Set an iron post for the cor. of secs. 8, 9, 16 and 17, with brass cap stamped

T 8 N S 9 in NE. quadrant  
R 20 W S 16 in SE. quadrant  
S 17 in SW. quadrant  
S 8 in NW. quadrant

1912 in S.  
4 notches on S. and 4 on E. edges,

from which

A mesquite 12 ins. dia. brs. S. 46 $\frac{1}{2}$ ° E., 39 lks. dist.  
Mkd. T 8 N R 20 W S 16 B T.

A mesquite 10 ins. dia. brs. N. 39° E., 93 lks. dist.  
Mkd. T 8 N R 20 W S 9 B T.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Dense mesquite brush.

-----  
From the cor. of secs. 8, 9, 16 and 17, I run  
S. 89° 58' E. on a random line bet. secs. 9 and 16.

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

80.12 Falls 14 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence I run  
S. 89° 56' W. on a true line bet. secs. 9 and 16.  
Over level land, through brush.

Subdivision of T. 8 N., R. 20 W.

Chains

40.06 Set an iron post for 1/4 sec. cor. bet. secs. 9 and 16,  
with brass cap stamped

1/4 S 9 in N. half  
S 16 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

54.95 Road, brs. N. 25° E. and S. 25° W.

64.50 Road, brs. N. 15° E. and S. 15° W.

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

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Mesquite brush full distance.

-----  
From the cor. of secs. 8, 9, 16 and 17, I run  
N. 0° 02' W. bet. secs. 8 and 9.

Over level land, through brush.

31.20 Road, brs. N. 45° E. and S. 45° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 8 and 9,  
with brass cap stamped

1/4 S 8 in W. half  
S 9 in E. half  
1912 in S., from which

A mesquite 6 ins. dia. brs. S. 21 1/2° E., 57 lks. dist.  
Mkd. 1/4 S 9 B T.

A mesquite 6 ins. dia. brs. N. 76 1/4° W., 203 lks. dist.  
Mkd. 1/4 S 8 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

71.75 Road, brs. NN. and W.

80.00 Set an iron post for the cor. of secs. 4, 5, 8 and 9,  
with brass cap stamped

T 8 N S 4 in NE. quadrant  
R 20 W S 9 in SE. quadrant  
S 8 in SW. quadrant  
S 5 in NW. quadrant

1912 in S.  
5 notches on S. and 4 notches on E. edge

from which



Subdivision of T. 8 N., R. 20 W.

Chains

- A mesquite 6 ins. dia. brs. N. 34½° E., 93 lks. dist.  
Mkd. T 8 N R 20 W S 4 B T.
- A mesquite 6 ins. dia. brs. S. 76° E., 38 lks. dist.  
Mkd. T 8 N R 20 W S 9 B T.
- A mesquite 18 ins. dia. brs. S. 9° W., 23 lks. dist.  
Mkd. T 8 N R 20 W S 8 B T.
- A mesquite 12 ins. dia. brs. N. 44° W., 72 lks. dist.  
Mkd. T 8 N R 20 W S 5 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Dense mesquite brush.

-----

From the cor. of secs. 4, 5, 8 and 9, I run  
N. 89° 56' E. on a random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.16 Falls 2 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run

S. 89° 55' W. on a true line bet. secs. 4 and 9.

Over level land, through brush.

40.08 Set an iron post for ¼ sec. cor. bet. secs. 4 and 9,  
with brass cap stamped

¼ S 4 in N. half  
S 9 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3½ ft. base, 1½ ft. high,  
N. of cor.

40.20 Road, brs. N. and S.

44.30 Road, brs. N. 20° E. and S. 20° W.

69.40 Road, brs. N. 60° E. and S. 10° W.

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

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Scattering mesquite brush.

-----

From the cor. of secs. 4, 5, 8 and 9, I run  
N. 0° 02' W. bet. secs. 4 and 5.

Subdivision of T. 8 N., R. 20 W.

Chains

Over level land, through brush.

18.40 Road, brs. N. 30° E. and S. 30° W.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 4 and 5, with brass cap stamped

1/4 S 5 in W. half  
S 4 in E. half  
1912 in S., from which

A mesquite 8 ins. dia. brs. S. 3° E., 127 lks. dist.  
Mkd. 1/4 S 4 B T.  
A mesquite 6 ins. dia. brs. N. 69 1/2° W., 63 lks. dist.  
Mkd. 1/4 S 5 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

40.50 Road, brs. N. 60° E. and S. 60° W.

80.00 Intersect the 2nd Standard Parallel N., 2.69 chs. W. of the Standard 1/4 sec. cor. of sec. 33, T. 9 N., R. 20 W.

Set an iron post for the C.C. of secs. 4 and 5, with brass cap stamped

C O 1912 in S.  
T 8 N S 5 in SW. quadrant  
R 20 W S 4 in SE. quadrant  
4 notches on E. and 2 notches on W. edge

Dig pits 24x18x12 ins. E. and W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of post.

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Mesquite brush, full distance.

-----  
March 23, 1912. At 8 a.m., l.m.t. I set off 33° 58 1/2' on the lat. arc, 1° 4 1/2' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.

Thence I run

N. 0° 03' W. bet. secs. 31 and 32.

Over level land, through brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 32, with brass cap stamped

## Subdivision of T. 8 N., R. 20 W.

Chains

$\frac{1}{4}$  S 31 in W. half  
 S 32 in E. half  
 1912 in S., from which

A mesquite 12 ins. dia. brs. S.  $87^{\circ}15'W.$ , 32 lks. dist.  
 Mkd.  $\frac{1}{4}$  S 31 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

80.00 Set an iron post for the cor. of secs. 29, 30, 31 and 32,  
 with brass cap stamped

T 8 N S 29 in NE. quadrant  
 R 20 W S 32 in SE. quadrant  
           S 31 in SW. quadrant  
           S 30 in NW. quadrant

1912 in S.

1 notch on S. and 5 notches on E. edges

Dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of  
 cor.

Land, level, - agricultural and grazing.  
 Soil, sandy, 2nd and 3rd rate.  
 Brush of mesquite and quail, full distance.

From the cor. of secs. 29, 30, 31 and 32, I run  
 East on a random line bet. secs. 29 and 32.

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

79.94 Intersect the cor. of secs. 28, 29, 32 and 33.

Thence I run

West on a true line bet. secs. 29 and 32.

Over level land, through brush.

15.90 Wire fence brs. N.  $40^{\circ} E.$  and S.  $40^{\circ} W.$

39.97 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 29 and 32,  
 with brass cap stamped

$\frac{1}{4}$  S 29 in N. half  
 S 32 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

41.00 Road, brs. N.  $10^{\circ} E.$  and S.  $10^{\circ} W.$

Subdivision of T. 8 N., R. 20 W.

Chains

60.70 Road, brs. N. 10° E. and S. 10° W.

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

Land, level, - agricultural and grazing.  
Soil, sandy, 1st and 3rd rate.  
Brush of mesquite, full distance.



From the cor. of secs. 29, 30, 31 and 32, I run  
West on a random line bet. secs. 30 and 31.

40.00 Set temp. 1/4 sec. cor.

78.43 Falls 2 lks. S. of the cor. of secs. 25, 30, 31 and 36,  
on W. bdy. of Tp.

Thence I run  
S. 89° 59' E. on a true line bet. secs. 30 and 31.  
Over level land, through brush.

38.43 Set an iron post for 1/4 sec. cor. bet. secs. 30 and 31,  
with brass cap stamped

1/4 S 30 in N. half  
S 31 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

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

Land, level, - grazing.  
Soil, sandy, 3rd rate.  
Brush of mesquite and quail, full distance.



From the cor. of secs. 29, 30, 31 and 32, I run  
N. 0° 03' W. bet. secs. 29 and 30.  
Over level land, through brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 29 and 30,  
with brass cap stamped

1/4 S 30 in W. half  
S 29 in E. half  
1912 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

Subdivision of T. 8 N., R. 20 W.

Chains

80.00 Set an iron post for the cor. of secs. 19, 20, 29 and 30, with brass cap stamped

T 8 N S 20 in NE. quadrant  
R 20 W S 29 in SE. quadrant  
S 30 in SW. quadrant  
S 19 in NW. quadrant

1912 in S.  
2 notches on S. and 5 notches on E. edges,

from which

A cottonwood 20 ins. dia. brs. S. 10° 30' E., 309 lks. dist., Mkd. T 8 N R 20 W S 29 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level, - grazing.  
Soil, sandy, 3rd rate.  
Scattering brush of mesquite and quail, full distance.

-----  
From the cor. of secs. 19, 20, 29 and 30, I run East on a random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.02 Falls 4 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence I run S. 89° 58' W. on a true line bet. secs. 20 and 29. Over level land, through scattering brush.

2.90 Road, brs. N. 10° E. and S. 10° W.

40.01 Set an iron post for ¼ sec. cor. bet. secs. 20 and 29, with brass cap stamped

¼ S 20 in N. half  
S 29 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

61.40 Road, brs. N. and S.

80.02 The cor. of secs. 19, 20, 29 and 30.

Land, level, - grazing and agricultural.  
Soil, sandy, 1st rate.  
Scattering mesquite and quail brush.

-----

Subdivision of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 19, 20, 29 and 30, I run  
N. 89° 59' W. on a random line bet. secs. 19 and 30.

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

78.30 Falls 14 lks. N. of the cor. of secs. 19, 24, 25 and 30,  
on W. bdy. of Tp.

Thence I run

N. 89° 55' E. on a true line bet. secs. 19 and 30.  
Over level land, through brush.

38.30 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and  
30, with brass cap stamped

$\frac{1}{4}$  S 19 in N. half  
S 30 1912 in S. half, from which

A mesquite 10 ins. dia. brs. S. 31° E., 101 lks. dist.  
Mkd.  $\frac{1}{4}$  S 30 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

78.30 The cor. of secs. 19, 20, 29 and 30.

Land, level. - Agricultural and grazing.  
Soil, sandy, 2nd and 3rd rate.  
Scattering mesquite brush.

-----  
From the cor of secs. 19, 20, 29 and 30, I run  
N. 0° 03' W. bet. secs. 19 and 20.

Over level land, through brush.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20,  
with brass cap stamped

$\frac{1}{4}$  S 19 in W. half  
S 20 in E. half  
1912 in S., from which

A mesquite 18 ins. dia. brs. N. 25 $\frac{1}{2}$ ° E., 80 lks. dist.  
Mkd.  $\frac{1}{4}$  S 20 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.00 Set an iron post for the cor. of secs. 17, 18, 19 and 20,  
with brass cap stamped

Subdivision of T. 8 N., R. 20 W.

Chains

T 8 N S 17 in NE. quadrant  
R 20 W S 20 in SE. quadrant  
S 19 in SW. quadrant  
S 18 in NW. quadrant  
1912 in S.

3 notches on S. and 5 notches on E. edges,

from which

A mesquite 16 ins. dia. brs. S. 52 1/2° E., 96 lks. dist.  
Mkd. T 8 N R 20 W S 20 B T.

A mesquite 12 ins. dia. brs. N. 45 1/2° W., 98 lks. dist.  
Mkd. T 8 N R 20 W S 18 B T.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.

Cloudy at Noon today; no observation for lat. Mar. 23, 1912.

From the cor. of secs. 17, 18, 19 and 20, I run  
N. 89° 58' E. on a random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

79.98 Falls 2 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run

S. 89° 59' W. on a true line bet. secs. 17 and 20.

Over level land. through brush.

8.95 Wire fence, brs. N. 15° W. and S. 15° E.

32.70 Road, brs. N. 10° W. and S. 10° E.

39.99 Set an iron post for the 1/4 sec. cor. bet. secs. 17 and  
20, with brass cap stamped

1/4 S 17 in N. half  
S 20 1912 in S. half, from which

A mesquite 20 ins. dia. brs. S. 14 1/2° E., 35 lks. dist.  
Mkd. 1/4 S 20 B T.

A mesquite 12 ins. dia. brs. N. 32 1/2° E., 9 lks. dist.  
Mkd. 1/4 S 17 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

42.80 Road, brs. N. and S.

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

Subdivision of T. 8 N., R. 20 W.

Chains

Land, level, - agricultural.  
Soil, sandy loam, 1st rate.  
Scattering mesquite brush.

-----  
From the cor. of secs. 17, 18, 19 and 20, I run  
S. 89° 55' W. on a random line bet. secs. 18 and 19.

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

78.16 Falls 8 lks. S. of the cor. of secs. 13, 18, 19 and 24,  
on W. bdy. of Tp.

Thence I run

N. 89° 58' E. on a true line bet. secs. 18 and 19.

Over level land, through brush.

38.16 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 18 and 19,  
with brass cap stamped

$\frac{1}{4}$  S 18 in N. half  
S 19 1912 in S. half, from which

A mesquite 14 ins. dia. brs. N. 45 $\frac{1}{2}$ ° E., 72 lks. dist.  
Mkd.  $\frac{1}{4}$  S 18 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

46.70 Road, brs. N. 65° E. and S. 65° W.

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

Land, level, - grazing and agricultural.  
Soil, sandy, 2nd and 3rd rate.  
Mesquite and quail brush.

-----  
From the cor. of secs. 17, 18, 19 and 20, I run  
N. 0° 03' W. bet. secs. 17 and 18.

Over level land, through brush.

28.00 Road, brs. N. 60° E. and S. 60° W.

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 17 and  
18, with brass cap stamped

$\frac{1}{4}$  S 18 in W. half  
S 17 in E. half  
1912 in S., from which

A mesquite 6 ins. dia. brs. N. 16 $\frac{1}{2}$ ° E., 56 lks. dist.  
Mkd.  $\frac{1}{4}$  S 17 B T.



Subdivision of T. 8 N., R. 20 W.

Chains

A mesquite 8 ins. dia. brs. N. 51 1/2° W., 76 lks. dist.  
Mkd. 1/4 S 18 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

43.00 Road, brs. N. 80° W. and S. 80° E.

54.20 Road, brs. E. and W.

65.40 Wire fence, brs. N. 65° W. and S. 65° E.

73.25 Road, brs. N. 75° E. and S. 75° W.

78.20 Road, brs. N. 60° E. and S. 60° W.

80.00 Set an iron post for the cor. of secs. 7, 8, 17 and 18,  
with brass cap stamped

T 8 N S 8 in NE. quadrant  
R 20 W S 17 in SE. quadrant  
S 18 in SW. quadrant  
S 7 in NW. quadrant  
1912 in S.

4 notches on S. and 5 notches on E. edge,

from which

A mesquite 8 ins. dia. brs. S. 51° W., 116 lks. dist.  
Mkd. T 8 N R 20 W S 18 B T.

A mesquite 10 ins. dia. brs. N. 38 1/2° W., 118 lks. dist.  
Mkd. T 8 N R 20 W S 7 B T.

A mesquite 10 ins. dia. brs. S. 27° E., 119 lks. dist.  
Mkd. T 8 N R 20 W S 17 B T.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of  
cor.

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Brush of mesquite and quail.

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From the cor. of secs. 7, 8, 17 and 18, I run  
N. 89° 59' E., on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

79.98 Falls 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence I run  
N. 89° 56' W. on a true line bet. secs. 8 and 17.

Over level land, through brush.

24.80 Road, brs. N. 10° E. and S. 10° W.

Subdivision of T. 8 N., R. 20 W.

Chains

39.99 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 8 and 17,  
with brass cap stamped

$\frac{1}{4}$  S 8 in N. half  
S 17 1912 in S. half

Dig pits 18x18x12 ins. N. and W. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

67.30 Road, brs. N. 65° E. and S. 65° W.

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

Land, level, - agricultural.  
Soil, sandy, 2nd rate.  
Brush of mesquite and quail.

-----  
From the cor. of secs. 7, 8, 17 and 18, I run  
S. 89° 58' W. on a random line bet. secs. 7 and 18.

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

78.16 Falls 2 lks. N. of the cor. of secs. 7, 12, 13 and 18,  
on W. bdy. of Tp.

Thence I run  
N. 89° 57' E. on a true line bet. secs. 7 and 18.

Over level land, through brush.

14.80 Parker-Blythe telephone line, brs. N. 40° E. and S. 40° W.

38.16 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 18,  
with brass cap stamped

$\frac{1}{4}$  S 7 in N. half  
S 18 1912 in S. half

Dig pits 18x18x12 ins. N. and W. of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

53.70 Wire fence, brs. N. 30° E. and S. 30° W.

58.30 Wire fence, brs. N. 45° W. and S. 45° E.

59.85 Road, brs. N. and S.

61.90 Road, brs. N. 15° W. and S. 15° E.

71.95 Road, brs. N. 5° E. and S. 5° W.

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

Land, level, - agricultural.  
Soil, sandy, 1st rate.  
Dense mesquite brush.

Subdivision of T. 8 N., R. 20 W.

Chains	
	From the cor. of secs. 7, 8, 17 and 18, I run N. 0° 03' W. bet. secs. 7 and 8. Over level land, through brush.
29.80	Road, brs. N. 55° E., and S. 55° W.
34.20	Road, brs. E. and W.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, with brass cap stamped  $\frac{1}{4}$ S 7 in W. half S 8 in E. half 1912 in S.  Dig pits 18x18x12 ins. N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
51.00	Road, brs. NE. and SW.
69.50	Parker-Blythe telephone line, brs. N. 45° E. and S. 45° W.
69.55	Road, brs. N. 45° E. and S. 45° W.
73.80	Road, brs. N. 30° E. and S. 30° W.
78.50	Road, brs. N. 75° E. and S. 75° W.
80.00	Set an iron post for the cor. of secs. 5, 6, 7 and 8, with brass cap stamped  T 8 N S 5 in NE. quadrant R 20 W S 8 in SE. quadrant S 7 in SW. quadrant S 6 in NW. quadrant 1912 in S. 5 notches on S., and 5 on E. edge, from which  A mesquite 18 ins. dia. brs. N. $8\frac{1}{2}$ ° E., 140 lks. dist. Mkd. T 8 N R 20 W S 5 B T. A mesquite 10 ins. dia. brs. S. $14\frac{1}{2}$ ° W., 46 lks. dist. Mkd. T 8 N R 20 W S 7 B T.  Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  Land, level, - agricultural and grazing. Soil, sandy, 1st and 2nd rate. Brush, of mesquite and quail, full distance.
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	From the cor. of secs. 5, 6, 7 and 8, I run S. 89° 56' E. on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Falls 10 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Subdivision of T. 8 N., R. 20 W.

Chains	
	Thence I run West on a true line bet. secs. 5 and 8. Over level land, through brush.
23.00	Road, brs. N. 30° E. and S. 30° W.
36.80	Road, brs. N. 45° E. and S. 45° W.
39.99	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, with brass cap stamped  $\frac{1}{4}$ S 5 in N. half S 8 1912 in S. half  Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
70.70	Parker-Blythe telephone line, brs. N. 30° E. and S. 30° W.
76.60	Road, brs. NE. and SW.
79.98	The cor. of secs. 5, 6, 7 and 8.  Land, level, -agricultural. Soil, sandy, 1st and 2nd rate. Brush of mesquite and quail.
-----	
	From the cor. of secs. 5, 6, 7 and 8, I run S. 89° 57' W. on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.10	Falls 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp.
	Thence I run N. 89° 58' E. on a true line bet. secs. 6 and 7. Over level land, through brush.
38.10	Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, with brass cap stamped  $\frac{1}{4}$ S 6 in N. half S 7 1912 in S. half  Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
59.10	Road, brs. N. and S.
78.10	The cor. of secs. 5, 6, 7 and 8.

Subdivision of T. 8 N., R. 20 W.

Chains

Land, level, - agricultural and grazing.  
Soil, sandy, 2nd and 3rd rate.  
Dense brush of mesquite, arrow weed and quail.

From the cor. of secs. 5, 6, 7 and 8, I run  
N. 0° 03' W. bet. secs. 5 and 6.  
Over level land, through brush.

28.45 Road, brs. N. 50° E. and S. 50° W.

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 5 and 6,  
with brass cap stamped

$\frac{1}{4}$  S 6 in W. half  
S 5 in E. half  
1912 in S., from which

A mesquite 10 ins. dia. brs. S. 46 $\frac{1}{2}$ ° W., 69 lks. dist.  
Mkd.  $\frac{1}{4}$  S 6 B T.

Dig pits 18x18x12 ins. N. and S. of cor., 3 ft. dist.,  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

80.08 Intersect the 2nd Standard Parallel N., 2.77 chs. W. of  $\frac{1}{4}$   
sec. cor. of sec. 32, T. 9 N., R. 20 W.

Set an iron post for C.C. of secs. 5 and 6, with brass  
cap stamped

C C 1912 in S.  
T 8 N S 6 in SW. quadrant  
R 20 W S 5 in SE. quadrant  
5 notches on E. and 1 notch on W. edge

Dig pits 24x18x12 ins. E. and W., 3 ft., and S. of cor.  
7 ft. dist., and raise a mound of earth 4 ft. base, 2  
ft. high, S. of cor.

Land, level, - agricultural and grazing.  
Soil, sandy, 2nd rate.  
Brush of mesquite and quail.

March 23, 1912.

Subdivision of T. 8 N., R. 20 W.

GENERAL DESCRIPTION.

This township consists of mesas, mountains, and level bottom land. The land is barren and devoid of vegetation on the mesas, but is grazing and agricultural on the bottoms. Some very fine agricultural land is located in this township.

GUY P. HARRINGTON  
U. S. Surveyor.

List of Assistants:

- Karl G. Harrington ( Instrumentmen
- A. O. Stinson )
- C. A. Simson (
- R. P. Duffy ) Chainmen
- E. W. Hoagland (
- Chas. W. Bowman )
- Leonard Blodgett (
- W. J. Walshe ) Flagman
- Robert Smith (
- P. T. Henderson ) Axmen

149  
459

45

Original oath filed with Book "A" of subdivisions.

4-680

BOOK 2456

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,

**Guy P. Harrington**

, U. S. Surveyor, during the periods and in the capacities

stated opposite our several signatures, in surveying all those parts or portions of **the Colorado River Indian Reservation**

of the **Gila & Salt River** Meridian, in the State of **Arizona**

which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<b>Earl G. Harrington</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Instrumentman</b>
<b>A. O. Stinson</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Instrumentman</b>
<b>C. A. Simson</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Chainman</b>
<b>R. P. Duffy</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Chainman</b>
<b>E. W. Hoagland</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Chainman</b>
<b>Chas. W. Bowman</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Chainman</b>
<b>Leonard Blodgett</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Flagman</b>
<b>W. J. Walsh</b>	<b>Nov. 1, 1911</b>	<b>Apr. 1, 1912</b>	<b>Flagman</b>
<b>Robert Smith</b>	<b>Mar. 1, 1912</b>	<b>Apr. 1, 1912</b>	<b>Axman</b>
<b>P. T. Henderson</b>	<b>Jan. 25, 1912</b>	<b>Apr. 1, 1912</b>	<b>Axman</b>

Subscribed and certified to before me on the dates of the final service as shown above.

**Guy P. Harrington**

U. S. Surveyor.

Original oath filed with Book "A" of subdivisions  
FINAL OATH OF UNITED STATES SURVEYOR.

46/48  
BOOK 2456

I, Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of the General Land Office to A.F. Dunnington, Topographer in Charge bearing date of the 23rd day of November, 1910, 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 Colorado River Indian Reservation

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear 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 Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Guy P. Harrington  
U. S. Surveyor.

Subscribed by said Guy P. Harrington, and sworn to before me }  
this 9th day of July, 1912.



Fred C. Voight  
County Clerk and Ex-Officio  
Clerk of the 4th Judicial  
District Court of the State of  
Nevada, in and for the County  
of Elko.

APPROVAL.

OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE  
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

Washington, D.C., Nov. 24, 1912

The foregoing field notes of the survey of the subdivision lines of T. 8 N., R. 20 W., within the Colorado River Indian Reservation, Arizona,

executed by Guy P. Harrington, U.S. Surveyor, under direction of A.F. Dunnington, Topographer in Charge of Indian Surveys under his special instructions dated Nov. 23, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*(Signed) Clay Tallman*  
Commissioner of the General Land Office.

I certify that the foregoing transcript of the field notes of the above-described surveys in frac. T. 8 N., R. 20 W., Ariz., has been correctly copied from the original notes on file in this office.

*(Signature)*  
U.S. Surveyor General  
Commissioner of the General Land Office



H5A

Washington, D.C., <sup>BOOK</sup> April 28 1913.

I hereby certify that the survey of the subdivision lines of T. 8 N., R. 20 W., within the Colorado River Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was executed in strict accordance with the special Instructions given me, dated Nov. 23, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

*A. F. Dunnington*

Topographer in Charge.