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BOOK "B" Exteriors.

4—679 BB

2451 BOOK 2451

FEB 4- 1974

FIELD NOTES

OF THE SURVEY OF THE

-West Boundary of T. 5 N., R. 20 W.
-West Boundary of T. 5 N., R. 21 W.
-North Boundary of T. 5 N., R. 20 W.
-North Boundary of T. 5 N., R. 21 W.
-North Boundary of T. 5 N., R. 22 W.
-West Boundary of T. 6 N., R. 20 W.
-West Boundary of T. 6 N., R. 21 W.
-North Boundary of T. 6 N., R. 20 W.
-North Boundary of T. 6 N., R. 21 W.
-North Boundary of T. 6 N., R. 22 W.
-West Boundary of T. 7 N., R. 20 W.
-North Boundary of T. 7 N., R. 20 W.
-West Boundary of T. 7 N., R. 19 W.
-North Boundary of T. 7 N., R. 19 W.
-North Boundary of T. 7 N., R. 21 W.
-West Boundary of T. 7 N., R. 21 W.
-West Boundary of T. 8 N., R. 19 W.
-West Boundary of T. 8 N., R. 20 W.
-West Boundary of T. 9 N., R. 19 W.
-West Boundary of T. 9 N., R. 20 W.
-North Boundary of T. 9 N., R. 19 W.
-North Boundary of T. 9 N., R. 20 W.
-West Boundary of T. 10 N., R. 19 W.

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,

issued by the ~~United States Surveyor General to govern surveys included in~~ Commissioner of the General Land Office, to A.F.Dunnington, 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 November 10, 1911.

Survey completed March 2, 1912.

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BOOK 2451

I N D E X.

West Boundary of T. 5 N., R. 20 W.

Chains	
	The following surveys were executed by Guy P.Harrington, U.S. Surveyor, with Young & Sons light mountain transits Nos. 8388 & 8394 with solar attachments. 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 are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ section cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement, and fitted with brass caps.
	Survey commenced Nov. 10, 1911.
	Nov. 10, 1911. At 8 a.m., l.m.t., I set off 33° 43' on the lat. arc, 16° 56' S. on the decl. arc, and determine a meridian with the solar, at the S.C. of Tps. 5 N., Rgs. 20 and 21 W., on the 1st Standard Parallel N.
	Thence I run
	North bet. secs. 31 and 36.
	Over rolling mesa.
1.58	Small wash, course N. 35° W.
7.15	Small wash, course N. 25° W.
17.05	Small wash, course N. 25° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1911 in S. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
41.75	Small wash, course N. 15° W.
45.25	Same wash, course N. 15° E.
49.30	Same wash, course N. 15° W.
51.65	Same wash, course N. 25° E.
64.00	Small wash, course E.
65.55	Small wash, course E.

Chains	
67.80	Small wash, course E.
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped T 5 N S 30 in NE. quadrant R 20 W S 31 in SE. quadrant S 36 in SW. quadrant R 21 W S 25 in NW. quadrant 1911 in S. 1 notch on S. and 5 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.
	Land, rolling, - barren. Soil, sandy and gravelly, 3rd rate.

	From the cor. of secs. 25, 30, 31 and 36, I run North bet. secs. 25 and 30.
	Over rolling mesa.
30.00	Enter arroyo, general course N. from SE.
35.50	Small wash, in arroyo, course N. 25° W.
36.25	Small wash, in arroyo, course N. 20° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1911 in S., from which A palo verde 12 ins.dia.brs. N.65°35'W., 1.42 chs.dist. Mkd. ¼ S 25 B T. A palo fierro 8 ins.dia.brs. S.62°30'E., 1.40 chs.dist. Mkd. ¼ S 30 B T. Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
40.05	Small wash, course N. 5° E.
42.45	Small wash, course N. 20° E.
44.00	Small wash, course N. 25° E.
45.80	Small wash, course N. 25° W.
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped

West Boundary of T. 5 N., R. 20 W.

Chains

T 5 N S 19 in NE. quadrant
R 20 W S 30 in SE. quadrant
S 25 in SW. quadrant
R 21 W S 24 in NW. quadrant
1911 in S.
2 notches on S. and 4 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.

Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, scattered greasewood and palo verde.

From the cor. of secs. 19, 24, 25 and 30, I run

North bet. secs. 19 and 24.

Over rolling land, in arroyo.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped

¼ S 24 in W. half
S 19 in E. half
1911 in S., from which

A palo fierro 8 ins.dia.brs. N.40°50'W., 0.42 chs.dist.
Mkd. ¼ S 24 B T.

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

68.00 Leave arroyo, course W.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped

T 5 N S 18 in NE. quadrant
R 20 W S 19 in SE. quadrant
S 24 in NW. quadrant
R 21 W S 13 in NW. quadrant
1911 in S.
3 notches on N. and S. edges

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

(Cor. on bank of arroyo, bearing N. and S.)

Land, rolling.
Soil, sandy and stony, 3rd rate.
Timber, scattered palo verde, greasewood, and cactus.

West Boundary of T. 5 N., R. 20 W.

Chains	
	Nov. 10, 1911. At the cor. of secs. 13, 18, 19 and 24, I set off 17° 02½' S., on the decl. arc, and at 11h 43m 55s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 45½', the proper lat.
	North bet. secs. 13 and 18.
	Over rolling land.
2.85	Small wash, course W.
3.90	Small ridge, brs. E. and W.
9.75	Small wash, course S. 15° W.
18.00	Enter Tyson Arroyo, course S. 30° W.
22.00	Bottom of Tyson Arroyo, course S. 30° W.
24.25	Wash, in arroyo, course S. 15° W.
26.95	Leave Tyson Arroyo, course S. 60° W.
30.10	Small wash, course S. 75° E.
30.75	Begin ascent of rocky S. slope.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped ¼ S 13 in W. half S 18 in E. half 1911 in S. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
43.20	Top of ascent, brs. E. and W. Begin descent.
45.20	Foot of descent, brs. E. and W. Thence ascend.
46.20	Top of small hill, brs. E. and W. Thence descend.
53.40	Bottom of rocky draw, course S. 75° E.
	Begin ascent of small rocky ridge.
58.90	Top of small, rocky ridge, brs. E. and W.
61.40	Small draw, drains E.
63.20	Low ridge, brs. E. and W.
65.00	Small draw, drains SE.
73.40	Low ridge, brs. E. and W.
75.50	Small draw, drains E.
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

West Boundary of T. 5 N., R. 20 W.

Chains	
	T 5 N S 7 in NE. quadrant R 20 W S 18 in SE. quadrant S 13 in SW. quadrant R 21 W S 12 in NW. quadrant 1911 in S. 4 notches on S. and 2 notches on N.
	Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling, - grazing. Soil, sandy and rocky, 3rd rate. Scattered palo verde, greasewood, and cactus, 8.95 chs.

	From the cor. of secs. 7, 12, 13 and 18, I run
	North bet. secs. 7 and 12.
	Over rolling, rough land.
0.45	Small draw, drains N. 30° E.
1.02	Small draw, drains E.
3.20	Low ridge, brs. NE. and SW.
4.30	Small draw, drains N. 40° E.
6.30	Low ridge, brs. NE. and SW.
7.80	Small draw, drains E.
11.75	Low ridge, brs. E. and W.
15.10	Draw, drains S. 20° E.
16.50	Ridge, brs. E. and W.
17.90	Draw, drains E.
19.00	Ridge, brs. E. and W.
24.00	Wash, course N. 40° E.
28.25	Low ridge, brs. E. and W.
30.00	Wash, course N. 60° E.
31.75	Low ridge, brs. NE. and SW.
32.50	Small wash, course N. 50° E.
36.15	Old road, brs. N. 25° W. and S. 25° E.
36.55	Mammouth Mine, brs. W., 20.00 chs. dist.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 7 and 12,
	with brass cap stamped
	¼ S 12 in W. half S 7 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,

West Boundary of T. 5 N., R. 20 W.

Chains	
	and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
42.10	Small wash, course S. 50° E.
44.90	Small wash, course S. 20° E.
47.10	Small wash, course S. 70° E.
49.20	Enter arroyo, course S. 70° E.
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped T 5 N S 6 in NE. quadrant R 20 W S 7 in SE. quadrant S 12 in SW. quadrant R 21 W S 1 in NW. quadrant 1911 in S. 5 notches on S. and 1 notch 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.
	Land, rolling. Soil, stony, 3rd rate. Scattered greasewood and sage, 30.80 chs.

	From the cor. of secs. 1, 6, 7 and 12, I run North bet. secs. 1 and 6. Over rolling land.
16.00	Leave arroyo, course S. 60° E.
18.00	Enter level mesa land, brs. N. 60° E. and S. 60° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped ¼ S 1 in W. half S 6 in E. half 1911 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 Tps. 5 and 6 N., Rgs. 20 and 21 W., with brass cap stamped 1911 in S. T 6 N S 31 in NE. quadrant R 20 W S 6 in SE. quadrant T 5 N S 1 in SW. quadrant R 21 W S 36 in NW. quadrant 6 notches on N., S., E., and W. edges

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West Boundary of T. 5 N., R. 20 W.

Chains	
	Dig pits 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.
	Land, level mesa, 62.00 chs.; 18.00 chs. in arroyo. Soil, sandy and rocky, 3rd rate. Brush, scattered sage and greasewood.
	Nov. 10, 1911.

Guy P. Harrington,

U. S. Surveyor.

West Boundary of T. 5 N., R. 21 W.

Chains	
	Survey commenced Nov. 11, 1911, by Guy P. Harrington U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	Nov. 11, 1911. At 8h 00m a.m., l.m.t., I set off 33° 43' on the lat. arc, 17° 11½' S. on the decl. arc, and determine a meridian with the solar at the S.C. of Tps. 5 N., Rgs. 21 and 22 W., on the 1st Standard Parallel N.
	Thence I run
	North bet. secs. 31 and 36.
	Over level land, subject to overflow of river, through dense brush of willow, mesquite and arrow weed.
4.00	Small slough, 25 lks. wide, brs. E. and W.
15.00	Dry slough, 1.00 ch. wide, brs. N. 30° E. and S. 30° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1911 in S. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
58.25	Wire fence, brs. N. 48° W. and S. 48° E.
61.00	Enter slough, brs. N. 20° E. and S. 20° W.
66.00	Leave slough.
73.50	Enter slough, brs. N. 20° E. and S. 20° W.
76.00	Leave same slough.
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped

West Boundary of T. 5 N., R. 21 W.

Chains

T 5 N S 30 in NE. quadrant
R 21 W S 31 in SE. quadrant
S 36 in SW. quadrant
R 22 W S 25 in NW. quadrant
1911 in S.
1 notch on S. and 5 notches on N. edges,

from which

A willow 6 ins.dia.brs. S.14°45'E., 37 lks. dist.
Mkd. T 5 N R 21 W S 31 B T.
A willow 8 ins.dia.brs. N.53°45'E., 47 lks. dist.
Mkd. T 5 N R 21 W S 30 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, subject to overflow of Colorado River, - agricultural and grazing.
Soil, adobe, 1st rate.
Brush, dense willow, and arrow weed.

From the cor. of secs. 25, 30, 31 and 36, I run

North bet. secs. 25 and 30.

Over level, overflow land, through brush.

3.00 Slough, 2 chs. wide, mud and water, 2 ft. deep, brs. E. and W. Leave brush.

13.00 Enter slough, brs. NE. and SW.

17.50 Leave slough, enter thick willow brush, brs. NE. and SW.

23.00 Enter slough, brs. N. 25° E. and S. 25° W.

26.00 Leave slough, brs. N. 25° E. and S. 25° W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped

¼ S 25 in W. half
S 30 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S., of post, 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. 19, 24, 25 and 30, with brass cap stamped

T 5 N S 19 in NE. quadrant
R 21 W S 30 in SE. quadrant
S 25 in SW. quadrant
R 22 W S 24 in NW. quadrant
1911 in S.
2 notches on S. and 4 notches on N. edge

West Boundary of T. 5 N., R. 21 W.

Chains	
	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 and grazing. Subject to overflow. Soil, adobe, 1st rate. Timber, scattered mesquite and willow; and dense arrow weed brush; 70.50 chs. Open sloughs, 9.50 chs.

	Nov. 11, 1911. At the cor. of secs. 19, 24, 25 and 30, I set off 17° 16' S. on the decl. arc, and at 11h 44m a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 44¾', the proper lat.

	North bet. secs. 19 and 24.
	Over level land, through dense arrow weed brush, and scattered mesquite and willow timber.
24.00	Dry open slough, 1 ch. wide, brs. NE. and SW.
	Leave dense arrow weed brush.
34.00	Enter dense arrow weed brush, brs. E. and W.
37.25	Leave dense arrow weed brush, brs. E. and W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped ¼ S 24 in W. half S 19 in E. half 1911 in S., from which A willow 10 ins.dia.brs. N. 77° W., 96 lks. dist. Mkd. ¼ S 24 B T. A willow 10 ins.dia.brs. N. 30° E., 148 lks. dist. Mkd. ¼ S 19 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
	Stake marked 96 + 00, on some survey, brs. S. 11° 28' E. 2.26 chs. dist. Survey line brs. N. 79° 12' E. and S. 79° 12' W., at this point.
41.00	Enter open slough, brs. E. and W., which contains water from 3 to 5 ft. deep.

West Boundary of T. 5 N., R. 21 W.

Chains	
47.55	Leave slough, brs. E. and W.
52.00	Slough, 175 lks. wide, water 2 ft. deep, brs. N. 45° E. and S. 45° W.
60.00	Leave overflow land; enter a higher and dryer level stretch of land, covered with dense mesquite, bearing NE. and SW.
80.00	Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped T 5 N S 18 in NE. quadrant R 21 W S 19 in SE. quadrant S 24 in SW. quadrant R 22 W S 13 in NW. quadrant 1911 in S. 3 notches on N. and S. edges 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 and grazing. 60.00 chs. is subject to overflow of Colorado River. Open sloughs containing water, 9.30 chs. Soil, adobe, 1st rate., 20.00 chs. 70.70 chs. of mesquite amd willow timber, and arrow weed brush.

	From the cor. of secs. 13, 18, 19 and 24, I run North bet. secs. 13 and 18. Over nearly level land, through through dense mesquite timber.
9.00	Enter overflow land, brs. E. and W.
15.00	Leave overflow land, brs. E. and W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped ¼ S 13 in W. half S 18 in E. half 1911 in S. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
42.00	Leave dense mesquite timber, enter dense arrow weed.
46.00	Leave dense arrow weed, enter dense mesquite timber, brs.

West Boundary of T. 5 N., R. 21 W.

Chains

E. and W.

49.00 Leave dense mesquite timber, enter scattered mesquite and arrow weed.

54.75 Leave scattered mesquite, enter dense arrow weed.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

T 5 N S 7 in NE. quadrant
R 21 W S 18 in SE. quadrant
S 13 in SW. quadrant
R 22 W S 12 in NW. quadrant
1911 in S.
4 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.

Land, level, - agricultural. 6.00 chs. subject to overflow.
Soil, adobe, 1st rate.
Dense mesquite timber and arrow weed brush, 80.00 chs.

Nov. 13, 1911. At 9h 00m a.m., l.m.t., I set off 33° 46½' on the lat. arc, 17° 46½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 7, 12, 13 and 18.

Thence I run

North bet. secs. 7 and 12.

Over level land, through dense arrow weed and mesquite.

18.00 Leave dense mesquite and arrow weed, enter scattered mesquite and arrow weed, brs. E. and W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post, 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. 1, 6, 7 and 12, with brass cap stamped

West Boundary of T. 5 N., R. 21 W.

Chains

T 5 N S 6 in NE. quadrant
R 21 W S 7 in SE. quadrant
S 12 in SW. quadrant
R 22 W S 1 in NW. quadrant
1911 in S.
5 notches on S. and 1 notch 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.

Land, level, agricultural and grazing.
Soil, adobe, 1st rate.
Dense mesquite and arrow weed, 18.00 chs.; scattered mesquite and arrowweed, 62.00 chs.

From the cor. of secs. 1, 6, 7 and 12, I run North bet. secs. 1 and 6.

Over level land, through scattered brush.

2.00 Leave scattered brush, enter dense mesquite timber, brs. E. and W.

11.00 Slough, 50 lks. wide, brs. S. 75° E. and N. 75° W.

13.00 Leave dense mesquite and arrow weed; enter more open land, brs. E. and W.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

¼ S 1 in W. half
S 6 in E. half
1911 in S.

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

58.50 Dry slough, brs. E. and W.

80.00 Set an iron post for the cor. of Tps. 5 and 6 N., Rgs. 21 and 22 W., with brass cap stamped

T 6 N S 31 in NE. quadrant
R 21 W S 6 in SE. quadrant
T 5 N S 1 in SW. quadrant
R 22 W S 36 in NW. quadrant
1911 in S.
6 notches on N., S., E. and W. edges

Dig pits, 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist., and raise a mound

Chains	
	of earth, 5 ft. base, 2½ ft. high, S. of cor.
	Land, level, - grazing. Soil, adobe, 1st rate. Scatter mesquite, willow, and arrow weed.
	Nov. 13, 1911.
	Guy.P. Harrington, U. S. Surveyor.

North Boundary of T. 5 N., R. 20 W.

Chains

Survey commenced Feb. 17, 1912, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Feb. 17, 1912. At 8h 30m a.m., l.m.t., I set off 33° 48' on the lat. arc, 12° 15¾' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 5 and 6 N., Rgs. 20 and 21 W., previously described.

Thence I run

East on a true line bet. secs. 6 and 31.

Over gently rolling land.

39.52 At theoretical distance, set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ S 31 in N. half
S 6 1912 in S. half

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

79.52 At theoretical distance, set an iron post for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped

T 6 N S 32 in NE. quadrant
R 20 W S 5 in SE. quadrant
T 5 N S 6 in SW. quadrant
S 31 in NW. quadrant
1912 in S.
5 notches on E. and 1 notch on W. 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, gently rolling, - barren.
Soil, sandy, 3rd rate.

North Boundary of T. 5 N., R. 20 W.

Chains	
	East bet. secs. 5 and 32.
	Over gently rolling land.
25.00	Begin ascent, brs. NW. and SE.
30.50	Top of ascent on sand ridge, brs. N. 70° W. and S. 70° E.
34.00	Small draw, drains N. 10° W.
	Thence ascend mountainous ridge.
36.00	Top of ascent on mountainous ridge, brs. N. and S.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 5 and 32, with brass cap stamped ¼ S 32 in N. half S 5 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
56.40	Miner's cabin, brs. S., 50 lks. dist.
58.70	Road, brs. N. 45° W. and S. 45° E.
59.75	Enter arroyo, course S. 70° E.
65.00	Leave arroyo, course S. 70° E.
67.00	Hoist at Valenzuella mine, brs. N. 3° 30' W., 5.00 chs. dist. This mine has a shaft 800 ft. deep, and is equipped with first class machinery. A well 400 ft. deep is located here.
69.10	Road, brs. N. 10° W. and S. 10° E.
70.00	Wash, course S.
80.00	Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 6 N S 33 in NE. quadrant R 20 W S 4 in SE. quadrant T 5 N S 5 in SW. quadrant S 32 in NW. quadrant 1912 in S. 4 notches on E. and 2 notches on W. edge Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling and broken, - barren. Soil, sandy and stony, 3rd rate.

	East bet. secs. 4 and 33.
	Over gently rolling land.

North Boundary of T. 5 N., R. 20 W.

Chains	
1.90	Enter arroyo, course S.
9.75	Leave arroyo, course S.
14.00	Small wash, course S.
19.00	Small wash, course S.
21.00	Small wash, course S. 20° E.
24.00	Small wash, course S.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped ¼ S 33 in N. half S 4 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
44.00	Small wash, course S.
47.80	Intersect the E. bdy. of the Colorado River Indian Reservation, 33.91 chs. S. 18° 20' W. of the 24 Mile Post. Set an iron post for C. C. of Tps. 5 and 6 N., R. 20 W., with brass cap stamped P L in E. C C C R I R in W. T 6 N R 20 W S 33 in NW. quadrant T 5 N S 4 in SW. quadrant 1912 in S. 6 notches on N. and S. edges, from which A palo fierro 8 ins.dia.brs. N.31½° W., 107 lks. dist. Mkd. T 6 N R 20 W S 33 C C B T. A palo fierro 14 ins.dia.brs. S.85½° W., 170 lks.dist. Mkd. T 5 N R 20 W S 4 C C B T. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling, - barren.
Soil, stony, 3rd rate.
Timber, scattered palo fierro in washes.

Feb. 17, 1912.

Guy P. Harrington,

U. S. Surveyor.

North Boundary of T. 5 N., R. 21 W.

Chains

Survey commenced Nov. 13, 1911, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec.cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ sec. cors.are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Nov. 13, 1911. At the cor. of Tps. 5 and 6 N., Rgs. 20 and 21 W., I set off 17° 49' S. on the decl. arc, and at 11h 44m 15s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 48', which is the proper lat.

Thence I run

West on a random line along the N. bdy. of T. 5 N., R. 21 W., setting temp. cors. at intervals of 40.00 chs. At

479.30 Falls 42 lks. S. of the cor. of Tps. 5 and 6 N., Rgs. 21 and 22 W. The falling answers to a correction of 0° 03', or 7 lks. per mile, counting from the NE. cor. of the Tp.

Therefore I run

S. 89° 57' E. bet. secs. 6 and 31, marking and blazing the true line.

Over level land, through brush.

39.30 Set an iron post for the ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ S 31 in N. half
S 6 1911. in S. half

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

44.00 Slough, 150 lks. wide, brs. N. and S.

47.50 Old road, brs. N. and S.

North Boundary of T. 5 N., R. 21 W.

Chains

79.30 Set an iron post for the cor. of secs. 5, 6, 31 and 32,

with brass cap stamped

T 6 N S 32 in NE. quadrant
R 21 W S 5 in SE. quadrant
T 5 N S 6 in SW. quadrant
S 31 in NW. quadrant
1911 in S.
5 notches on E. and 1 notch on W. edge

from which

A mesquite 8 ins.dia.brs. N.21°08'E., 78 lks. dist.
Mkd. T 6 N R 21 W S 32 B T.
A mesquite 10 ins.dia.brs. S.40°15'E., 82 lks.dist.
Mkd. T 5 N R 21 W S 5 B T.
A mesquite 10 ins.dia.brs. N.67°45'W., 70 lks.dist.
Mkd. T 6 N R 21 W S 31 B T.
A mesquite 8 ins.dia.brs. S.81°40'W., 97 lks. dist.
Mkd. T 5 N R 21 W S 6 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 and grazing.
Soil, adobe, 1st rate.
Timber, scattered mesquite.
Brush, arrow weed.

From the cor. of secs. 5, 6, 31 and 32, I run S. 89° 57' E. on a true line bet. secs. 5 and 32.

Over nearly level land, through scattered brush.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 5 and 32,

with brass cap stamped

¼ S 32 in N. half
S 5 1911 in S. half

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

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33,

with brass cap stamped

T 6 N S 33 in NE. quadrant
R 21 W S 4 in SE. quadrant
R 5 N S 5 in SW. quadrant
S 32 in NW. quadrant
1911 in S.
4 notches on E. and 2 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and

Chains

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, nearly level, - agricultural and grazing.
Soil, adobe, 1st rate.
Timber, scattered mesquite.
Brush, bramble.

Nov. 14, 1911.. At 8h 00m a.m., l.m.t., I set off 33° 48' on the lat. arc, 18° 00½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 4, 5, 32 and 33.

Thence I run

S. 89° 57' E. on a true line bet. secs. 4 and 33.

Over slightly rolling land, through scattered brush.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped

¼ S 33 in N. half
S 4 1911 in S. half

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

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped

T 6 N S 34 in NE. quadrant
R 21 W S 3 in SE. quadrant
T 5 N S 4 in SW. quadrant
S 33 in NW. quadrant
1911 in S.
3 notches on E. and W. edges

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, slightly rolling, - grazing.
Soil, sandy, 1st rate.
Scattered mesquite timber, and arrow weed brush.

From the cor. of secs. 3, 4, 33 and 34, I run

S. 89° 57' E. on a true line bet. secs. 3 and 34.

Over slightly rolling land, through scattered brush.

North Boundary of T. 5 N., R. 21 W.

Chains	
8.25	Road, brs. N. and S.
20.00	Dry slough, brs. N. 15° W. and S. 15° E.
30.00	Leave brush, enter open land.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped ¼ S 34 in N. half S 3 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
54.00	Parker-Ehrenberg road, brs. N. and S.
60.00	Leave river bottom, enter gently rolling land.
76.00	Enter arroyo, course N. 85° W.
79.00	Leave arroyo, course S. 85° W.
80.00	Set an iron post for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped T 6 N S 35 in NE. quadrant R 21 W S 2 in SE. quadrant T 5 N S 3 in SW. quadrant S 34 in NW. quadrant 1911 in S. 2 notches on E. and 4 notches on W. 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, rolling, 20.00 chs.; river bottom, 60.00 chs. - agricultural and grazing. Soil, sandy, 1st rate.

Nov. 14, 1911. At the cor. of secs. 2, 3, 34 and 35, I set off 18° 04½' S. on the decl. arc, and at 11h 44m 23s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 48', the proper lat.

S. 89° 57' E., on a true line bet. secs. 2 and 35.

Over rolling land.

16.50	Leave rolling land, enter broken mountainous land, brs. N. and S.
35.00	Vertical cliff, 60 ft. high, brs. NW. and SE.

North Boundary of T. 5 N., R. 21 W.

Chains

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped

¼ S 35 in N. half
S 2 1911 in S. half

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

42.20 Wash, course S.

50.00 Top of rocky ridge, brs. N. and S.

63.45 Draw, drains N. 25° E.

71.50 Draw, drains N. 45° E.

74.35 Draw, drains N.

79.65 Draw, drains N.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped

T 6 N S 36 in NE. quadrant
R 21 W S 1 in SE. quadrant
T 5 N S 2 in SW. quadrant
S 35 in NW. quadrant
1911 in S.
1 notch on E. and 5 notches on W. 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, rolling and hilly.
Soil, sandy and rocky, 2nd rate.
Scattered greasewood and palo verde.

From the cor. of secs. 1, 2, 35 and 36, I run S. 89° 57' E. on a true line bet. secs. 1 and 36.

Over rolling land.

16.65 Wash, course N. 10° W.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped

¼ S 36 in N. half
S 1 1911 in S. half

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

42.45 Small wash, course N. 45° W.

North Boundary of T. 5 N., R. 21 W.

Chains	
51.95	Small wash, course N.
52.95	Small wash, course N. 15° W.
80.00	The cor. of Tps. 5 and 6 N., Rgs. 20 and 21 W., previously described.

Land, rolling, - barren.
Soil, sandy and stony, 3rd rate.
Scattered greasewood and palo verde.

Nov. 14, 1911.

Guy P. Harrington,

U. S. Surveyor.

North Boundary of T. 5 N., R. 22 W.

Survey commenced Jan. 11, 1912, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Jan. 11, 1912. At 9 a.m., l.m.t., I set off 33° 48½' on the lat. arc; 21° 54½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 5 and 6 N., Rgs. 21 and 22 W.

Thence I run

West on a true line bet. secs. 1 and 36.

Over rolling land, through brush.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped

¼ S 36 in N. half
S 1 1912 in S. half, from which

A mesquite 12 ins.dia.brs. N. 59° W., 110 lks. dist.
Mkd. ¼ S 36 B T.
A mesquite 10 ins.dia.brs. S. 27° E., 120 lks. dist.
Mkd. ¼ S 1 B T.

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

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped

T 6 N S 36 in NE. quadrant
R 22 W S 1 in SE. quadrant
T 5 N S 2 in SW. quadrant
S 35 in NW. quadrant
1912 in S.
1 notch on E. and 5 notches on W. 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, rolling, - agricultural if irrigated.
Soil, sandy and adobe, 1st rate.
Timber, scattered mesquite.
Brush, dense arrow weed and quail, full distance.
(Land subject to overflow of river).

North Boundary of T. 5 N., R. 22 W.

Chains

West on a true line bet. secs. 2 and 35.

Over rolling land, through dense brush.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped

¼ S 35 in N. half
S 2 1912 in S. half, from which

A mesquite 10 ins.dia.brs. S. 85° E., 8 lks. dist. Mkd. ¼ S 2 B T.

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

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped

T 6 N S 35 in NE. quadrant
R 22 W S 2 in SE. quadrant
T 5 N S 3 in SW. quadrant
S 34 in NW. quadrant
1912 in S.
2 notches on E. and 4 notches on W. 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, rolling. - grazing. (Agricultural if irrigated).
(Subject to overflow of river.
Soil, sandy, 2nd rate.
Timber, scattered mesquite and cottonwood.
Brush, dense arrow weed.

West on a true line bet. secs. 3 and 34.

Over rolling land, through dense brush.

2.20 Open slough of standing water, 1 ch. wide, brs. N. and S.

20.00 Left bank of Colorado River, course S.

Set an iron post 1 inch in dia., for M.C. of secs. 3 and 34, Tps. 5 and 6 N., R. 22 W., with brass cap stamped

M C in W. half
T 6 N S 34 in NE. quadrant
T 5 N R 22 W S 3 in SE. quadrant
1912 in S.
6 notches on N. and S. edges, from which

A willow 8 ins.dia.brs. S. 67° E., 19 lks. dist. Mkd. T 5 N R 22 W S 3 M C B T.
A willow 8 ins.dia.brs. N. 75° E., 22 lks. dist. Mkd. T 6 N R 22 W S 34 M C B T.

North Boundary of T. 5 N., R. 22 W.

Chains

Dig a pit 36x36x12 ins. 8 ft. E. of post, and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, rolling, - grazing.

Soil, sandy, 2nd rate.

Timber, scattered mesquite, cottonwood, and willow.

Brush, dense arrow weed, full distance.

(Land, subject to overflow.)

Jan. 11, 1912.

G U Y P. H A R R I N G T O N

U. S. Surveyor.

West Boundary of T. 6 N., R. 20 W.

Chains

Survey commenced Nov. 26, 1911, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Note: I double chain this line, since it is necessary to run 18 miles north without a closure, so as to subdivide T. 9 N., R. 20 W.

Nov. 26, 1911. At the cor. of Tps. 5 and 6 N., Rgs. 20 and 21 W., Lat. 33° 48½' N., Long. 114° 23' W., at 6h 11.2m p.m., l.m.t., observe Polaris in position, and mark the line of sight on the ground.

Time of U.C. of Polaris, Nov. 26, 9h 08.1m

Time of observation 6h 12.8m

Hour Angle 2h 56.9m

From Table VII of the Manual, the corresponding azimuth is 0° 59' to the East.

Nov. 27, 1911. At 8 a.m., l.m.t., I turn 0° 59' to the West of the line of observation of Polaris.

Thence I run

North bet. secs. 31 and 36.

Over rolling mesa.

Difference bet. measurements by two sets of chainmen is 6 lks.; position of middle point

By 1st set, 40.03 chs.
By 2nd set, 39.97 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped

¼ S 36 in W. half
S 31 in E. half
1911 in S.

West Boundary of T. 6 N., R. 20 W.

Chains	
	Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
77.50	Wash, course N. 40° W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point By 1st set, 80.04 chs. By 2nd set, 79.96 chs., the mean of which is
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped T 6 N S 30 in NE. quadrant R 20 W S 31 in SE. quadrant S 36 in SW. quadrant R 21 W S 25 in NW. quadrant 1911 in S. 1 notch on S. and 5 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.
	Land, rolling mesa, Soil, sandy, 2nd rate. Brush, scattered sage, greasewood, and cactus.

	From the cor. of secs. 25, 30, 31 and 36, I run
	North bet. secs. 25 and 30.
	Over rolling mesa.
4.00	Wash, course N. 65° W.
17.00	Wash, course W.
24.00	Wash, course W.
37.00	Wash, course W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point By 1st set, 40.02 chs. By 2nd set, 39.98 chs., the mean of which is
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1911 in S.

West Boundary of T. 6 N., R. 20 W.

Chains

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.

41.70 Small wash, course N. 75° W.

71.60 Small wash, course W.

76.20 Dim road, brs. N. 60° W. and S. 60° E.

77.50 Wash, course N. 50° W.

79.70 Wash, course N. 70° W.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 10 lks.; position of middle point

By 1st set, 80.05 chs.
By 2nd set, 79.95 chs.; the mean of which is

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped

T 6 N S 19 in NE. quadrant
R 20 W S 30 in SE. quadrant
S 25 in SW. quadrant
R 21 W S 24 in NW. quadrant
1911 in S.
2 notches on S. and 4 notches on N. edge

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

Land, rolling, barren mesa.
Soil, sandy, 2nd rate.
Brush, scattered greasewood and cactus.

From the cor. of secs. 19, 24, 25 and 30, I run

North bet. secs. 19 and 24.

Over rolling, mesa land.

2.00 Enter arroyo, course N. 75° W.

13.45 Leave arroyo, course N. 75° W.

18.90 Wash, course N. 75° W.

30.00 Enter arroyo, course N. 80° W.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 40.01 chs.
By 2nd set, 39.99 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped

West Boundary of T. 6 N., R. 20 W.

Chains	
	¼ S 24 in W. half S 19 in E. half 1911 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.
41.00	Leave arroyo, course N. 80° W.
45.45	Wash, course W.
57.00	Enter arroyo, course N. 85° W.
62.50	Leave arroyo, course N. 85° W.
78.15	Wash, course W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point
	By 1st set, 80.04 chs. By 2nd set, 79.96 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped
	T 6 N S 18 in NE. quadrant R 20 W S 19 in SE. quadrant S 24 in SW. quadrant R 21 W S 13 in NW. quadrant 1911 in S. 3 notches on N. and S. edges
	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, rolling mesa, - barren. Soil, sandy, 2nd rate. Brush, scattered palo verde, greasewood, and cactus.

	Nov. 27, 1911. At the cor. of secs. 13, 18, 19 and 24, I set off 20° 01½' S. on the decl. arc, and at 11h 47m 27s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 50½', which is the proper lat.
	Thence I run
	North bet. secs. 13 and 18.
	Over rolling mesa land.
39.50	Wash, course W.
	Difference bet. measurements of 40.00 chs. by two sets of

West Boundary of T. 6 N., R. 20 W.

Chains	
	chainmen is 4 lks.; position of middle point
	By 1st set, 39.98 chs. By 2nd set, 40.02 chs.; the mean of which is
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 13 and 18,
	with brass cap stamped
	¼ S 13 in W. half S 18 in E. half 1911 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.
56.00	Enter arroyo, course W.
62.50	Leave arroyo, course W.
	Difference bet. measurements of 80.00 chs. by two sets of
	chainmen is 6 lks.; position of middle point
	By 1st set, 80.03 chs. By 2nd set, 79.97 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18,
	with brass cap stamped
	T 6 N S 7 in NE. quadrant R 20 W S 18 in SE. quadrant S 13 in SW. quadrant R 21 W S 12 in NW. quadrant 1911 in S. 4 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.
	Land, rolling mesa, - barren. Soil, sandy, 2nd rate. Brush, scattered greasewood and cactus.

	From the cor. of secs. 7, 12, 13 and 18, I run
	North bet. secs. 7 and 12.
	Over rolling, mesa land.
5.00	Wash, course W.
10.00	Wash, course W.
	Difference bet. measurements of 40.00 chs. by two sets
	of chainmen is 8 lks.; position of middle point

Chains	
	By 1st set, 39.96 chs. By 2nd set, 40.04 chs.; the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half 1911 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.
54.00	Wash, course N. 50° W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point By 1st set, 79.97 chs. By 2nd set, 80.03 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped T 6 N S 6 in NE. quadrant R 20 W S 7 in SE. quadrant S 12 in SW. quadrant R 21 W S 1 in NW. quadrant 1911 in S. 5 notches on S. and 1 notch 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.
	Land, rolling mesa, - barren. Soil, sandy, 2nd rate. Scattered sage, greasewood, and cactus.

	From the cor. of secs. 1, 6, 7, and 12, I run
	North bet. secs. 1 and 6.
	Over rolling, mesa land.
5.00	Wash, course N. 50° W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point By 1st set, 40.02 chs. By 2nd set, 39.98 chs., the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

West Boundary of T. 6 N., R. 20 W.

Chains	
	¼ S 1 in W. half S 6 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
42.55	Wash, course N. 70° W.
63.20	Wash, course W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point
	By 1st set, 79.97 chs. By 2nd set, 80.03 chs.; the mean of which is
80.00	Set an iron post for the cor. of Tps. 6 and 7 N., Rgs. 20 and 21 W., with brass cap stamped
	T 7 N S 31 in NE. quadrant R 20 W S 6 in SE. quadrant T 6 N S 1 in SW. quadrant R 21 W S 36 in NW. quadrant 1911 in S. 6 notches on N., S., E., and W. edge
	Dig pits, 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist., and raise a mound of earth, 5 ft. base, 2½ ft. high, S. of cor.
	Land, rolling, broken mesa, - barren. Soil, sandy, 2nd rate. Brush, scattered greasewood, cactus and sage.
	Nov.27, 1911.

GUY P. HARRINGTON

U. S. Surveyor.

West Boundary of T. 6 N., R. 21 W.

Chains	
	Survey commenced Dec. 30, 1911, by Guy P. Harrington, U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	Dec. 30, 1911. At 8.30 a.m., l.m.t., I set off 33° 48' on the lat. arc; 23° 10½' S. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 5 and 6 N., Rgs. 21 and 22 W.
	Thence I run
	North bet. secs. 31 and 36.
	Over gently rolling land, through scattered mesquite, arrow weed and sage brush.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1911 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.
57.50	Wash, course N. 45° W.
60.65	Wash, course W.
75.67	Parker-Blythe Telephone line, brs. N. 85° E. and S. 85° W.
79.50	Dry slough, 20 lks. wide, brs. E. and W.
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped T 6 N S 30 in NE. quadrant R 21 W S 31 in SE. quadrant S 36 in SW. quadrant R 22 W S 25 in NW. quadrant 1911 in S. 1 notch on S. and 5 notches on N. edge,
	from which A willow 8 ins.dia.brs. S.9°15'W., 93 lks. dist. Mkd. T 6 N R 22 W S 36 B T. A willow 12 ins.dia.brs. N. 65° E., 131 lks. dist. Mkd. T 6 N R 21 W S 30 B T.

West Boundary of T. 6 N., R. 21 W.

Chains	
	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, gently rolling, - grazing. Soil, sandy, 2nd rate. Timber, scattered mesquite and willow. Brush, dense arrow weed and quail.

	North bet. secs. 25 and 30.
	Over gently rolling land, through scattered brush.
20.38	Small dry slough, brs. N. 70° W. and S. 70° E.
29.60	Dry slough, brs. N. 10° E. and S. 10° W. (20 lks. wide).
36.90	Dry slough, 20 lks. wide, brs. E. and W.
38.40	Dry slough, 30 lks. wide, brs. N. 40° W. and S. 40° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1911 in S., from which A mesquite 8 ins.dia.brs. S.42°05'E., 48 lks. dist. Mkd. ¼ S 30 B T. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
47.85	Dry slough, 40 lks. wide, brs. N. 65° W. and S. 65° E.
54.35	Wash, course S. 75° E.
59.60	Dry slough, 35 lks. wide, brs. E. and W.
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped T 6 N S 19 in NE. quadrant R 21 W S 30 in SE. quadrant S 25 in SW. quadrant R 22 W S 24 in NW. quadrant 1911 in S. 2 notches on S. and 4 notches on N. edge,
	from which A mesquite 10 ins.dia.brs. S. 16°30' E. 97 lks. dist. Mkd. T 6 N R 21 W S 30 B T. A mesquite 10 ins.dia.brs. N. 53°35' E. 36 lks. dist. Mkd. T 6 N R 21 W S 19 B T.

Chains	
	A mesquite 10 ins.dia.brs. S.42°35'W., 75 lks. dist. Mkd. T 6 N R 22 W S 25 B T. A mesquite 10 ins.dia.brs. N.52°40'W., 108 lks.dist. Mkd. T 6 N R 22 W S 24 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, rolling, - grazing. (Agricultural if irrigated). Soil, sandy, 2nd rate. Timber, scattered mesquite. Brush, dense arrow weed and quail.

	North bet. secs. 19 and 24. Over rolling land, through dense brush.
15.30	Dry slough, brs. N. 75° E. and S. 75° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped ¼ S 24 in W. half S 19 in E. half 1911 in S., from which A mesquite 12 ins.dia.brs. S. 0°45' E., 117 lks. dist. Mkd. ¼ S 19 B T. 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.
44.75	Bank of slough, brs. E. and W.
45.50	Bank of slough, brs. E. and W.
47.72	South bank of slough, brs. E. and W.
51.01	North bank of slough, brs. E. and W.
53.25	Dry slough, brs. E. and W. (25 lks. wide.)
80.00	Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped T 6 N S 18 in NE. quadrant R 21 W S 19 in SE. quadrant S 24 in SW. quadrant R 22 W S 13 in NW. quadrant 1911 in S. 3 notches on N. and S. edges, from which A mesquite 8 ins.dia.brs. S.0°45'E., 183 lks. dist. Mkd. T 6 N R 21 W S 19 B T. A mesquite 24 ins.dia.brs. S.40°20'W., 204 lks.dist. Mkd. T 6 N R 22 W S 24 B T.

West Boundary of T. 6 N., R. 21 W.

Chains	
	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, rolling, - grazing. (Agricultural if irrigated). Soil, sandy, 2nd rate. Timber, scattered mesquite. Brush, quail and arrow weed.
	North bet. secs. 13 and 18.
	Over rolling land, through dense brush.
7.15	Dry slough, 30 lks. wide, brs. N. 45° E. and S. 45° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped ¼ S 13 in W. half S 18 in E. half 1911 in S., from which
	A mesquite 14 ins.dia.brs. N.55°15'W., 10 lks. dist. Mkd. ¼ S 13 B T. A mesquite 16 ins.dia.brs. S.65°40'E., 100 lks.dist. Mkd. ¼ S 18 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
48.70	South bank of slough of stagnant water, brs. N. 60° E. and S. 60° W.
49.50	North bank of slough, brs. NE. and SW.
78.60	As the true point will fall in a slough, I set an iron post for W.C. to the cor. of secs. 7, 12, 13 and 18, with brass cap stamped T 6 N S 7 in NE. quadrant R 21 W S 18 in SE. quadrant S 13 in SW. quadrant R 22 W S 12 in NW. quadrant W C 1911 in S. 4 notches on S. and 2 notches on N. edge
	from which
	A cottonwood 24 ins.dia.brs. N.52°15'W., 49 lks. dist. Mkd. T 6 N R 22 W S 12 B T.
	Dig pits 18x18x12 ins. NE., SE., SW., and NW. of post 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	W.C. falls on bank of slough containing stagnant water, and bearing E. and W.

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West Boundary of T. 6 N., R. 21 W.

Chains	
80.00	True point for the cor. of secs. 7, 12, 13 and 18, falls in slough.
	Land, gently rolling. (Agricultural if irrigated). Soil, sandy and adobe, 2nd rate. Timber, scattered mesquite and cottonwood. Brush, dense arrow weed and quail.

	North bet. secs. 7 and 12.
	Over rolling land, continuing through slough.
7.95	Leave slough, enter dense under brush, brs. NE. and SW.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half 1911 in S. Dig pits 18x18x12 ins. N. and S. of post, 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. 1, 6, 7 and 12, with brass cap stamped T 6 N S 6 in NE. quadrant R 21 W S 7 in SE. quadrant S 12 in SW. quadrant R 22 W S 1 in NW. quadrant 1911 in S. 5 notches on S. and 1 notch 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.
	Land, gently rolling, - agricultural if irrigated. Soil, sandy and adobe, 2nd rate. Timber, scattered sage and mesquite. Brush, dense arrow weed.and
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	North bet. secs. 1 and 6.
	Over rolling land, through scattered brush.
6.15	Dry slough, 30 lks. wide, brs. N. 80° E. and S. 80° W.
20.00	Dry slough, 10 lks. wide, brs. N. 60° E. and S. 60° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with

West Boundary of T. 6 N., R. 21 W.

Chains	
	brass cap stamped ¼S 1 in W. half S 6 in E. half 1911 in S., from which A mesquite 10 ins.dia.brs. N.58°05'W., 67 lks. dist. Mkd. ¼ S 1 B T. Dig pits 18x18x12 ins. N. and S. of post, 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 Tps. 6 and 7 N., Rgs. 21 and 22 W., with brass cap stamped T 7 N S 31 in NE. quadrant R 21 W S 6 in SE. quadrant T 6 N S 1 in SW. quadrant R 22 W S 36 in NW. quadrant 1911 in S. 6 notches on N., E., S., and W. edges Dig pits 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, gently rolling, - grazing.
Soil, adobe, 2nd rate.
Timber, scattered mesquite.
Brush, dense arrow weed.

Dec. 30, 1911.

GUY P. HARRINGTON

U. S. Surveyor.

North Boundary of T. 6 N., R. 20 W.

Chains

Survey commenced Feb. 17, 1912, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Feb. 17, 1912. At the cor. of Tps. 6 and 7 N., Rgs. 20 and 21 W., I set off 12° 13½' S. on the decl. arc, and at 12h 14m p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 53½', the proper lat.

Thence I run

East on a true line bet. secs. 6 and 31.

Over level mesa.

31.55 Flat wash, course N. 75° W.

39.02 At theoretical distance, set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ S 31 in N. half
S 6 1912 in S. half

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

79.02 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped

T 7 N S 32 in NE. quadrant
R 20 W S 5 in SE. quadrant
T 6 N S 6 in SW. quadrant
S 31 in NW. quadrant
1912 in S.
5 notches on E. and 1 notch on W. 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, level, - barren.
Soil, sandy, 3rd rate.

East bet. secs. 5 and 32.

Over level mesa.

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North Boundary of T. 6 N., R. 20 W.

Chains

40.00 Set an iron post for ¼ sec. cor. bet. secs. 5 and 32, with brass cap stamped

¼ S 32 in N. half
S 5 1912 in S. half

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

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped

T 7 N S 33 in NE. quadrant
R 20 W S 4 in SE. quadrant
T 6 N S 5 in SW. quadrant
S 32 in NW. quadrant
1912 in S.
4 notches on E. and 2 notches on W. 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, level mesa, - barren.
Soil, sandy, 3rd rate.

East bet. secs. 4 and 33.

Over level mesa.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped

¼ S 33 in N. half
S 4 1912 in S. half

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

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped

T 7 N S 34 in NE. quadrant
R 20 W S 3 in SE. quadrant
T 6 N S 4 in SW. quadrant
S 33 in NW. quadrant
1912 in S.
3 notches on E. and W. edges

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.

North Boundary of T. 6 N., R. 20 W.

Chains

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

East bet. secs. 3 and 34.

Over level mesa.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped

¼ S 34 in N. half
S 3 1912 in S. half

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

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped

T 7 N S 35 in NE. quadrant
R 20 W S 2 in SE. quadrant
T 6 N S 3 in SW. quadrant
S 34 in NW. quadrant
1912 in S.
2 notches on E. and 4 notches on W. 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, level mesa, barren.
Soil, sandy, 3rd rate.

East bet. secs. 2 and 35.

Over level mesa.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped

¼ S 35 in N. half
S 2 1912 in S. half

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

46.97 Intersect the E. bdy. of Colorado River Indian Reservation, 8.06 chs., S. 18° 21' W. of the 30 Mile Post.

Set an iron post for C.C. of Tps. 6 and 7 N., R. 20 W.,

North Boundary of T. 6 N., R. 20 W.

Chains

with brass cap stamped

P L in E.
C C C R I R in W.
T 7 N R 20 W S 36 in NW. quadrant
T 6 N S 2 in SW. quadrant
1912 in S.
6 notches on N. and S. edges

Dig pits 30x24x12 ins., crosswise on each line, NE. and SW., 4 ft., and W. of post 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, W. of cor.

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

Feb. 17, 1912.

G U Y P. H A R R I N G T O N

U. S. Surveyor.

BOOK 2451

North Boundary of T. 6 N., R. 21 W.

Chains

Survey commenced Dec. 30, 1911, By Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Dec. 30, 1911. At the cor. of Tps. 6 and 7 N., Rgs. 20 and 21 W., I set off 23° 11' S. on the decl. arc, and at 12h 02m 16s P.M., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 53½', the proper lat.

West on a random line along the N. bdy. of T. 6 N., R. 21 W., setting ¼ sec. and sec. cors. at intervals of 40.00 chs., and at

478.75 Falls 26 lks. S. of the cor. of Tps. 6 and 7 N., Rgs. 21 and 22 W.

This falling answers to a correction of 0° 02', or 4 1/3 lks. to a mile.

Therefore I run

S. 89° 58' E. bet. secs. 6 and 31.

Over gently rolling land, through thick brush.

6.35 Enter slough of stagnant water, brs. N. 45° E. and S. 45° W.

7.25 Leave slough, brs. N. 45° E. and S. 45° W.

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

38.75 Set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ S 31 in N. half
S 6 1911 in S. half

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

LOOK 2451

North Boundary of T. 6 N., R. 21 W.

Chains	
40.75	Wash, course S. 20° E.
78.75	Set an iron post for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped T 7 N S 32 in NE. quadrant R 21 W S 5 in SE. quadrant T 6 N S 6 in SW. quadrant S 31 in NW. quadrant 1911 in S. 5 notches on E. and 1 notch on W. 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, gently rolling, - grazing. Soil, sandy and adobe, 2nd rate. Timber, scattered mesquite. Dense brush of arrow weed and quail; scattered sage brush.

	S. 89° 58' E. bet. secs. 5 and 32.
	Over rolling land, through dense brush.
5.50	Dry slough, 50 lks. wide, brs. N. and S.
22.75	Dry slough, 15 lks. wide, brs. N. 15° W. and S. 15° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 5 and 32, with brass cap stamped ¼ S 32 in N. half S 5 1911 in S. half, from which A mesquite 12 ins.dia.brs. N. 40° W., 108 lks. dist. Mkd. ¼ S 32 B T. Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 7 N S 33 in NE. quadrant R 21 W S 4 in SE. quadrant T 6 N S 5 in SW. quadrant S 32 in NW. quadrant 1911 in S. 4 notches on E. and 2 notches on W. 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, gently rolling, - grazing.

North Boundary of T. 6 N., R. 21 W.

Chains

Soil, sandy and adobe, 2nd rate.
Timber, scattered mesquite.
Brush, scattered sage and quail.

S. 89° 58' E. bet. secs. 4 and 33.

Over rolling land, through scattered brush.

19.25 Middle of slough of stagnant water, 50 lks. wide, brs. N. 60° E. and S. 60° W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped

¼ S 33 in N. half
S 4 1911 in S. half, from which

A mesquite 6 ins.dia.brs. N. 86° E., 58 lks. dist.
Mkd. ¼ S 33 B T.
A mesquite 10 ins.dia.brs. S. 35° E., 90 lks. dist.
Mkd. ¼ S 4 B T.

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

45.90 Dry slough, 10 lks. wide, brs. N. and S.

69.60 Parker-Blythe telephone line, brs. N. and S.

69.75 Road, brs. N. and S.

70.60 Dry slough, 20 lks. wide, brs. S. 65° W. and N. 65° E.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped

T 7 N S 34 in NE. quadrant
R 21 W S 3 in SE. quadrant
T 6 N S 4 in SW. quadrant
S 33 in NW. quadrant
1911 in S.
3 notches on E. and W. edges, from which

A mesquite 14 ins.dia.brs. N.82°30'W., 18 lks. dist.
Mkd. T 7 N R 21 W S 33 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, gently rolling, - grazing.
Soil, sandy and adobe, 2nd rate.
Timber, scattered mesquite.
Brush, scattered quail, arrow weed and sage.

North Boundary of T. 6 N., R. 21 W.

Chains	
	S. 89° 58' E. bet. secs. 3 and 34.
	Over rolling land.
.50	Road, brs. N. and S.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped ¼ S 34 in N. half S 3 1911 in S. half, from which A mesquite 8 ins.dia.brs. N. 62°30' W., 73 lks. dist. Mkd. ¼ S 34 B T. Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set an iron post for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped T 7 N S 35 in NE. quadrant R 21 W S 2 in SE. quadrant T 6 N S 3 in SW. quadrant S 34 in NW. quadrant 1911 in S. 2 notches on E. and 4 notches on W. 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, gently rolling, - grazing. (Agricultural if irrigated). Soil, sandy, 1st and 2nd rate. Timber, scattered mesquite. Brush, scattered sage and quail.

	S. 89° 58' E. bet. secs. 2 and 35.
	Over rolling land.
3.60	Wire fence, brs. N. 20° W. and S. 20° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped ¼ S 35 in N. half S 2 1911 in S. half, from which A mesquite 10 ins.dia.brs. N.69°45'E., 73 lks. dist. Mkd. ¼ S 35 B T. Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

North Boundary of T. 6 N., R. 21 W.

Chains	
58.35	Road, brs. N. 25° E. and S. 25° W.
80.00	Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped T 7 N S 36 in NE. quadrant R 21 W S 1 in SE. quadrant T 6 N S 2 in SW. quadrant S 35 in NW. quadrant 1911 in S. 1 notch on E. and 5 notches on W. edges 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, gently rolling. (Agricultural if irrigated). Soil, sandy, 1st rate. Timber, scattered mesquite. Brush, scattered sage, arrow weed and quail.
	S. 89° 58' E. bet. secs. 1 and 36.
	Over rolling land, through scattered brush.
38.00	Leave bottom land, and brush Begin ascent over broken, hilly land to mesa.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped ¼ S 36 in N. half S 1 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
45.90	Top of sand hill, brs. NW. and SE.
51.60	Wash, course N.
54.00	Top of sand hill, brs. NW. and SE.
61.00	Wash, course N. 15° W.
67.15	Top of ascent on mesa, brs. NE. and SW.
	Thence over level mesa.
80.00	The cor. of Tps. 6 and 7 N., Rgs. 20 and 21 W., previously described.
	Land, rolling and broken. 30.00 chs. agricultural if irrigated. Balance, barren. Soil, sandy, 2nd and 3rd rate.

Dec. 30, 1911.

GUY P. HARRINGTON

U. S. Surveyor.

North Boundary of T. 6 N., R. 22 W.

Chains	
	Survey commenced Jan. 11, 1912, by Guy P. Harrington, U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long, 1 in. in diameter, and are set 26 ins. in the ground. The posts are pointed and driven, filled with cement, and fitted with brass caps.
	From the cor. of Tps. 6 and 7 N., Rgs. 21 and 22, W., previously described, I run
	West on a true line bet. secs. 1 and 36.
	Over rolling land, through brush.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped ¼ S 36 in N. half S 1 1912 in S. half, from which
	A mesquite 10 ins.dia.brs. S. 35° W., 111 lks. dist. Mkd. ¼ S 1 B T.
	Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped T 7 N S 36 in NE. quadrant R 22 W S 1 in SE. quadrant T 6 N S 2 in SW. quadrant S 35 in NW. quadrant 1912 in S. 1 notch on E. and 5 notches on W. edge,
	from which
	A mesquite 8 ins.dia.brs. N.73° 30' W., 132 lks. dist. Mkd. T 7 N R 22 W S 35 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, rolling, - grazing. Soil, sandy and adobe, 2nd rate. Timber, scattered mesquite. Brush, dense arrow weed, full distance. (Land, subject to overflow).

	West on a true line bet. secs. 2 and 35.
	Over rolling land, through dense brush.

North Boundary of T. 6 N., R. 22 W.

Chains

24.90 Enter open slough of standing water, 1 ch. wide, brs. E. and W.

33.45 Leave slough. Continue through brush.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped

¼ S 35 in N. half
S 2 1912 in S. half, from which

A mesquite 10 ins.dia.brs. S. 54° W., 18 lks. dist.
Mkd. ¼ S 2 B T.
A mesquite 12 ins.dia.brs. N.20°45'E., 126 lks.dist.
Mkd. ¼ S 35 B T.

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

78.20 Left bank of Colorado River, course S. 10° E.

Set an iron post for M.C. of secs. 2 and 35, Tps. 6 and 7 N., R. 22 W., with brass cap stamped

M C in W. half
T 7 N S 35 in NE. quadrant
T 6 N R 22 W S 2 in SE. quadrant
1912 in S.
6 notches on N. and S. edges, from which

A willow 8 ins.dia.brs. S.2°00' E., 32 lks. dist.
Mkd. T 6 N R 22 W S 2 M C B T.
A willow 24 ins.dia.brs. N. 58° W., 21 lks. dist.
Mkd. T 7 N R 22 W S 35 M C B T.

Dig a pit 36x36x12 ins. 8 ft. E. of post, and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, rolling, - grazing. (Subject to overflow).
Soil, sandy and adobe, 2nd rate.
Timber, scattered mesquite, cottonwood and willow.
Brush, dense arrow weed.

Jan. 11, 1912.

GUY P. HARRINGTON

U. S. Surveyor.

West Boundary of T. 7 N., R. 20 W.

Chains	
	Survey commenced Nov. 27, 1911, by Guy P. Harrington, U. S. Surveyor.
	The iron postsused in this survey are 3 ft. long and are set 26 ins. in the ground. The posts at section and ¼ sec. cor. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ sec. cors.are pointed and drivem, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	Note: See note contained in field notes of the West bdy. of T. 6 N., R. 20 W., in regard to double chaining.
	Nov. 27, 1911. At the cor. of Tps. 6 and 7 N., Rgs. 20 and 21 W., Lat. 33° 53½' N., Long. 114° 23' W., at 5h 37.5m p.m., l.m.t., I observe Polaris in position and mark the line of sight upon the ground.
	Time of U.C. of Polaris, Nov. 27, 9h 04.2m
	Time of observation 5h 37.5m
	Hour angle 3h 26.7m
	From Table VII of the Manual, the corresponding azimuth is 1° 06.5' to the West of the line of observation of Polaris. From observation on back sight, I find my line to be correct as to bearing.
	Thence I run
	North bet. secs. 31 and 36.
	Over rolling, broken mesa land.
0.85	Wash, course N. 65° W.
6.10	Top of sand hill, brs. E. and W.
11.30	Wash, course N. 45° W.
21.60	Wash, course W.
29.60	Small wash, course S. 20° W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 6 lks.; position of middle point

West Boundary of T. 7 N., R. 20 W.

Chains	
	By 1st set, 39.97 chs. By 2nd set, 40.03 chs.; the mean of which is
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 31 and 36
	with brass cap stamped
	¼ S 36 in W. half S 31 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist.,
	and raise a mound of earth 3½ ft. base, 1½ ft. high,
	W. of cor.
41.43	Small wash, course W.
46.70	Small wash, course W.
62.35	Wash, course S. 60° W.
77.55	Wash, course W.
	Difference bet. measurements of 80.00 chs. by two sets of
	chainmen is 10 lks.; position of middle point
	By 1st set, 79.95 chs. By 2nd set, 80.05 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36,
	with brass cap stamped
	T 7 N S 30 in NE. quadrant R 20 W S 31 in SE. quadrant S 36 in SW. quadrant R 21 W S 25 in NW. quadrant 1911 in S. 1 notch on S. and 5 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.
	Land, rolling, broken and hilly, - barren. Soil, sandy, 2nd rate. Brush, scattered sage and greasewood.

	From the cor. of secs. 25, 30, 31 and 36, I run
	North bet. secs. 25 and 30.
	Over rolling, broken land.
12.00	Begin ascent of sand hill.
16.30	Top of ascent on sand hill, brs. E. and W.
21.00	Wash, course W.

West Boundary of T. 7 N., R. 20 W.

Chains	
25.80	Top of sand hill, brs. E. and W.
34.60	Wash, course S. 65° W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point
	By 1st set, 39.98 chs. By 2nd set, 40.02 chs.; the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped
	¼ S 25 in W. half S 30 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
42.25	Top of sand hill, brs. E. and W.
50.00	Leave broken land. Thence over gently rolling land, through scattered mesquite brush.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point
	By 1st set, 80.04 chs. By 2nd set, 79.96 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped
	T 7 N S 19 in NE. quadrant R 20 W S 30 in SE. quadrant S 25 in SW. quadrant R 21 W S 24 in NW. quadrant 1911 in S. 2 notches on S. and 4 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.
	Land, rolling and broken; 60.00 chs., grazing; 20.00 chs. agricultural if irrigated. Soil, sandy, 1st and 2nd rate.

From the cor. of secs. 19, 24, 25 and 30, I run

North bet. secs. 19 and 24.

Over gently rolling land, through scattered mesquite timber.

West Boundary of T. 7 N., R. 20 W.

Chains	
4.45	Road, brs. N. 35° E. and S. 35° W.
	Enter dense mesquite timber.
7.90	U. S. G. S. Bench Mark post, brs. E., 89 lks. dist.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point
	By 1st set, 39.99 chs. By 2nd set, 40.01 chs., the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped
	¼ S 24 in W. half S 19 in E. half 1911 in S., from which
	A mesquite 8 ins.dia.brs. S. 42° E., 58 lks. dist. Mkd. ¼ S 19 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point
	By 1st set, 79.97 chs. By 2nd set, 80.03 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped
	T 7 N S 18 in NE. quadrant R 20 W S 19 in SE. quadrant S 24 in SW. quadrant R 21 W S 13 in NW. quadrant 1911 in S. 3 notches on N. and S. edges, from which
	A mesquite 8 ins.dia.brs. S. 37° W., 109 lks. dist. Mkd. T 7 N R 21 W S 24 B T. A mesquite 8 ins.dia.brs. N.69°45'W., 177 lks. dist. Mkd. T 7 N R 21 W S 13 B T. A mesquite 8 ins.dia.brs. N.20°15'E., 54 lks. dist. Mkd. T 7 N R 21 W S 18 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, gently rolling. (Agricultural if irrigated). Soil, sandy, 1st rate. Brush, scattered sage and alkali weed and dense mesquite, 75.55 chs.

West Boundary of T. 7 N., R. 20 W.

Chains	
	Nov. 28, 1911. At the cor. of secs. 13, 18, 19 and 24, I set off 21° 12½' S. on the decl. arc, and at 11h 47m 46s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 56½', which is the proper lat.
	Thence I run
	North bet. secs. 13 and 18.
	Over gently rolling land, through mesquite timber.
16.35	Wash, course N. 30° E.
24.55	Road, brs. S. 65° W. and N. 65° E.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point
	By 1st set, 39.99 chs. By 2nd set, 40.01 chs.; the mean of which is
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped
	¼ S 13 in W. half S 18 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 4 lks.; position of middle point
	By 1st set, 80.02 chs. By 2nd set, 79.98 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped
	T 7 N S 7 in NE. quadrant R 20 W S 18 in SE. quadrant S 13 in SW. quadrant R 21 W S 12 in NW. quadrant 1911 in S. 4 notches on S. and 2 notches on N. edge,
	from which
	A mesquite 8 ins.dia.brs. S.35°30'W., 92 lks. dist. Mkd. T 7 N R 21 W S 13 B.T. A mesquite 8 ins.dia.brs. S. 50° W., 6 lks. dist. Mkd. T 7 N R 21 W S 13 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.

West Boundary of T. 7 N., R. 20 W.

Chains

Land, gently rolling. (Agricultural if irrigated).
Soil, sandy loam, 1st rate.
Timber, dense mesquite.

From the cor. of secs. 7, 12, 13 and 18, I run

North bet. secs, 7 and 12.

Over gently rolling land, through dense mesquite timber.

30.95 Wash, course S. 20° E.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point

By 1st set, 39.98 chs.
By 2nd set, 40.02 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 in S.

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

47.00 Wash, course S. 60° E.

59.40 Wash, course S. 25° E.

78.80 Wash, course E.

Difference bet. measurements of 80.00 chs. by 2 sets of chainmen is 4 lks.; position of middle point

By 1st set, 79.98 chs.
By 2nd set, 80.02 chs.; the mean of which is

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

T 7 N S 6 in NE. quadrant
R 20 W S 7 in SE. quadrant
S 12 in SW. quadrant
R 21 W S 1 in NW. quadrant
1911 in S.
5 notches on S. and 1 notch 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.

Land, gently rolling, sand dunes, - grazing.
Soil, sandy loam, 1st rate.
Timber. dense mesquite, full distance.

West Boundary of T. 7 N., R. 20 W.

Chains

From the cor. of secs. 1, 6, 7 and 12, I run

North bet. secs. 1 and 6.

Over gently rolling land, through dense mesquite timber.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 40.01 chs.
By 2nd set, 39.99 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

¼ S 1 in W. half
S 6 in E. half
1911 in S.

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

67.70 Wash, course E.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point

By 1st set, 79.97 chs.
By 2nd set, 80.03 chs.; the mean of which is

80.00 Set an iron post for the cor. of Tps. 7 and 8 N., Rgs. 20 and 21 W., with brass cap stamped

T 8 N S 31 in NE. quadrant
R 20 W S 6 in SE. quadrant
T 7 N S 1 in SW. quadrant
R 21 W S 36 in NW. quadrant
1911 in S.
6 notches on N., E., S., and W. edges, from which

A mesquite 8 ins.dia.brs. S.73°50'W., 133 lks. dist.
Mkd. T 7 N R 21 W S 1 B T.
A mesquite 16 ins.dia.brs. S.69°15'E., 261 lks.dist.
Mkd. T 7 N R 20 W S 6 B T.

Dig pits, 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, gently rolling. (Agricultural if irrigated).
Soil, sandy loam, 1st rate.
Timber, dense mesquite, full distance.

Nov. 28, 1911.

Guy P. Harrington,
U. S. Surveyor.

North Boundary of T. 7 N., R. 20 W.

Chains	
	Survey commenced Mar. 1, 1912, by Guy P. Harrington, U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at sec. and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	Mar. 1, 1912. At 7.30 a.m., l.m.t., I set off 33° 58½' on the lat. arc, 7° 31½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 7 and 8 N., Rgs. 20 and 21 W.
	Thence I run
	East on a true line bet. secs. 6 and 31.
	Over rolling sand hills, through brush.
31.00	Wash, course S. 25° E.
38.53	At theoretical distance Set an iron post for the ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped ¼ S 31 in N. half S 6 1912 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
54.50	Drain, course S.
63.80	Wire fence, brs. N. 45° W. and S. 45° E.
78.50	Parker-Ehrenberg Road, brs. N. 30° E. and S. 30° W.
78.55	Set an iron post for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped T 8 N S 32 in NE. quadrant R 20 W S 5 in SE. quadrant T 7 N S 6 in SW. quadrant S 31 in NW. quadrant 1912 in S. 5 notches on E. and 1 notch on W. 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, rolling, - grazing. Soil, sandy, 3rd rate. Brush, mesquite and arrow weed.

BOOK

North Boundary of T. 7 N., R. 20 W.

Chains	
	East on a true line bet. secs. 5 and 32.
	Over rolling land.
9.00	Wire fence, brs. N. 75° E. and S. 75° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 5 and 32, with brass cap stamped ¼ S 32 in N. half S 5 1912 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
56.50	Enter arroyo, course N. 70° W.
62.80	Leave arroyo, course N. 70° W.
68.00	Enter arroyo, course S. 60° W.
68.00	Enter arroyo, course S. 60° W.
80.00	Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 8 N S 33 in NE. quadrant R 20 W S 4 in SE. quadrant T 7 N S 5 in SW. quadrant S 32 in NW. quadrant 1912 in S. 4 notches on E. and 2 notches on W. 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, rolling sand hills, - grazing. Soil, sandy, 3rd rate.

	East bet. secs. 4 and 33.
	Over rolling land, through arroyo.
18.30	Leave arroyo, course S. 70° W.
28.25	Enter arroyo, course N. 75° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped ¼ S 33 in N. half S 4 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
	Cor. falls in arroyo.

North Boundary of T. 7 N., R. 20 W.

Chains	
41.00	Leave arroyo, course N. 75° W.
44.80	Enter arroyo, course N. 50° W.
46.30	Leave arroyo, course N. 50° W.
52.60	Wash, course N. 45° W.
61.40	Wash, course N. 5° W.
77.20	Wash, course N. 45° W.
80.00	Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped T 8 N S 34 in NE. quadrant R 20 W S 3 in SE. quadrant T 7 N S 4 in SW. quadrant S 33 in NW. quadrant 1912 in S. 3 notches on E. and W. edges Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling, - barren. Soil, sandy, 3rd rate.

	East bet. secs. 3 and 34.
	Over rolling land.
12.10	Wash, course N. 85° W.
28.10	Wash, course N.
33.70	Wash, course N.
35.00	Enter arroyo, course N. 40° W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped ¼ S 34 in N. half S 3 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
41.00	Leave arroyo, course N. 40° W.
53.75	Wash, course S. 70° W.
62.25	Wash, course N. 45° W.
65.50	Wash, course N. 85° W.
75.00	Summit, brs. N. and S.
79.60	True point for the cor. of secs. 2, 3, 34 and 35, will fall in wash, therefore Set an iron post for witness cor., with brass cap

North Boundary of T. 7 N., R. 20 W.

Chains	
	stamped T 8 N S 35 in NE. quadrant R 20 W S 2 in SE. quadrant T 7 N S 3 in SW. quadrant S 34 in NW. quadrant W C 1912 in S. 2 notches on E. and 4 notches on W. edge Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
80.00	True point for the cor. of secs. 2, 3, 34 and 35, falls in bottom of deep, rocky wash.
	Land, rolling, - barren. Soil, sandy and rocky, 3rd rate.

	Mar. 1, 1912. At the true point for cor. of secs. 2, 3, 34 and 35, I set off 7° 28½' S. on the decl. arc, and at 12h 12m 34s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 58½', the proper lat.
	Thence I run
	East bet. secs. 2 and 35.
	Over rolling, mountainous land.
17.85	High summit, brs. N. and S.
31.00	Wash, course N. 45° W.
37.45	Low summit, brs. N. 30° W. and S. 30° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped ¼ S 35 in N. half S 2 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
40.60	Small wash, course N. 60° W.
46.10	Summit, brs. NW. and SE.
67.00	Wash, course N. 60° W.
75.60	Low summit, brs. N. 30° E. and S. 30° W.
80.00	Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped T 8 N S 36 in NE. quadrant R 20 W S 1 in SE. quadrant T 7 N S 2 in SW. quadrant S 35 in NW. quadrant 1912 in S. 1 notch on E. and 5 notches on W. edge

North Boundary of T. 7 N., R. 20 W.

Chains	
	Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
	Land, rolling, mountainous, - barren. Soil, rocky, 3rd rate.

	East bet. secs. 1 and 36.
	Over rolling land.
2.75	Wash, course S.
10.75	Wash, course N. 45° W.
20.00	Wash, course N. 30° W.
27.25	Summit, brs. N. 45° E. and S. 45° W.
31.00	Wash, course S. 30° E.
35.25	Wash, course S. 45° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped ¼ S 36 in N. half S 1 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
41.40	Wash, course S. 20° E.
46.20	Wash, course S. 15° E.
51.25	Wash, course S. 50° E.
52.80	Wash, course N. 75° E.
54.35	Wash, course N. 80° E.
56.40	Wash, course N. 10° E.
80.00	Set an iron post for the cor. of Tps. 7 and 8 N., Rgs. 19 and 20 W., with brass cap stamped T 8 N S 31 in NE. quadrant R 19 W S 6 in SE. quadrant T 7 N S 1 in SW. quadrant R 20 W S 36 in NW. quadrant 1912 in S. 6 notches on N., S., E., and W. edges Build a mound of stone 2 ft. base, 1½ ft. high, S. of cor.
	Land, rolling, - barren. Soil, rocky, 3rd rate. Mar. 1, 1912.

GUY P. HARRINGTON

U. S. Surveyor

West Boundary of T. 7 N., R. 19 W.

Chains	
	Survey commenced March 1, 1912., by Guy P. Harrington, U. S. Surveyor.
	From the cor. of Tps. 7 and 8 N., Rgs. 19 and 20 W.,
	I run
	South on a true line bet. secs. 1 and 6,
	Over rolling land.
1.15	Wash, course N. 25° E.
6.40	Wash, course N. 35° E.
15.15	Wash, course E.
21.70	Wash, course N. 25° E.
26.00	Wash, course N. 80° W.
28.30	Wash, course W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped ¼ S 1 in W. half S 6 in E. half 1912 in S. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
41.40	Low summit, brs. N. 45° W. and S. 45° E.
51.15	Wash, course S. 75° W.
52.90	Wash, course S. 15° W.
57.80	Enter arroyo, course S. 70° E.
63.60	Leave arroyo, course S. 70° E.
71.65	Enter arroyo, course N. 80° E.
76.30	Leave arroyo, course N. 80° E.
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped T 7 N S 6 in NE. quadrant R 19 W S 7 in SE. quadrant S 12 in SW. quadrant R 20 W S 1 in NW. quadrant 1912 in S. 5 notches on S. and 1 notch 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.
	Land, rolling, - barren. Soil, sandy, 3rd rate.

West Boundary of T. 7 N., R. 19 W.

Chains	
	South on a true line bet. secs. 7 and 12.
	Over rolling land.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half 1912 in S. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
59.97	Intersect the reservation bdy., 30.34 chs. N. 18° 22' E. of the 34 Mile Post.
	Set an iron post 3 ins. dia., for the C.C. of Tps. 7 N., Rgs. 19 and 20 W., with brass cap stamped C C P L I R in N. T 7 N R 19 W S 7 in NE. R 20 W S 12 in NW. P L on S. 6 notches on E. and W. edges Dig a pit 42x36x12 ins., on line, SW. of post, 4 ft. dist.; and a pit 30x24x12 ins., N. of post, 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, N. of cor.
	Land, rolling, - barren. Soil, sandy, 3rd rate.
	March 1, 1912.

Guy P. Harrington

U. S. Surveyor.

North Boundary of T. 7 N., R. 19 W.

Chains	
	Survey commenced March 2, 1912, by Guy P. Harrington, U. S. Surveyor.
	March 2, 1912. At 8 a.m., l.m.t., I set off 33° 58½' on the lat. arc, 7° 08½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 7 and 8 N., Rgs. 19 and 20 W.
	Thence I run
	East on a true line bet. secs. 6 and 31.
	Over rolling land.
1.00	Wash, course S. 45° E.
3.10	Wash, course N.
3.85	Wash, course N. 80° W.
20.20	Wash, course N. 25° W.
24.60	Wash, course N. 60° W.
37.70	Wash, course S. 55° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped ¼ S 31 in N. half S 6 1912 in S. half Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
43.30	Wash, course N. 45° E.
46.58	Intersect the reservation bdy. 17.75 chs. N. 18° 22' E., of the 36 Mile Post.
	Set an iron post, 3 ins. dia., for C.C. of Tps. 7 and 8 N., R. 19 W., with brass cap stamped C C P L I R in W. T 8 N R 19 W S 31 in NW. T 7 N S 6 in SW. P L in E. 1912 in S. 6 notches on N. and S. edges Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling, - barren. Soil, sandy, 3rd rate.

Guy P. Harrington,

U. S. Surveyor.

North Boundary of frac. T. 7 N., R. 21 W.

Chains	
	Survey commenced Feb. 29, 1912, by Guy P. Harrington, U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at sec. and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	From the cor. of Tps. 7 and 8 N., Rgs. 20 and 21 W., previously described, I run
	West on a true line bet. secs. 1 and 36.
	Over rolling sand dunes, through dense brush.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped ¼ S 36 in N. half S 1 1912 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set an iron post for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped T 8 N S 36 in NE. quadrant R 21 W S 1 in SE. quadrant T 7 N S 2 in SW. quadrant S 35 in NW. quadrant 1912 in S. 1 notch on E. and 5 notches on W. edges 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, rolling sand dunes, - grazing. Soil, sandy, 3rd rate. Scattered brush of sage and mesquite.

	West bet. secs. 2 and 35.
	Over rolling sand dunes.
20.00	Leave sand dunes, bear N. and S.
	Thence over level land, through dense brush.

North Boundary of frac. T. 7 N., R. 21 W.

Chains	
40.00	Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with brass cap stamped ¼ S 35 in N. half S 2 1912 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
42.50	Dim road, brs. N. and S.
60.75	Dry slough, 100 lks. wide, brs. N. and S.
72.70	Dry slough, 40 lks. wide, brs. N. and S.
79.00	Dry slough, 60 lks. wide, brs. N. and S.
80.00	Set an iron post for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped T 8 N S 35 in NE. quadrant R 21 W S 2 in SE. quadrant T 7 N S 3 in SW. quadrant S 34 in NW. quadrant 1912 in S. 2 notches on E. and 4 notches on W. edge,
	from which A mesquite 20 ins.dia.brs. N. 55° W., 7 lks. dist. Mkd. T 8 N R 21 W S 34 B T. A mesquite 18 ins.dia.brs. S. 56¾° E., 31 lks. dist. Mkd. T 7 N R 21 W S 2 B T. A mesquite 12 ins.dia.brs. S. 45¼° W., 84 lks. dist. Mkd. T 7 N R 21 W S 3 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 and rolling, - grazing. (Agricultural if irrigated). Soil, sandy and adobe, 2nd rate. Brush, mesquite and arrow weed.

	West bet. secs. 3 and 34. Over level land, through dense brush.
11.10	Dry slough, 100 lks. wide, brs. N. and S.
15.60	Dry slough, 30 lks. wide, brs. N. and S.
25.60	Parker-Blythe telephone line, brs. N. 10° E. and S. 10° W.
31.25	Dry slough, 75 lks. wide, brs. N. and S.
35.30	Dry slough, 40 lks. wide, brs. N. and S.

North Boundary of frac. T. 7 N., R. 21 W.

Chains	
40.00	Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped ¼ S 34 in N. half S 3 1912 in S. half, from which A mesquite 16 ins.dia.brs. N. 48½° W., 115 lks. dist. Mkd. ¼ S 34 B T. A mesquite 14 ins.dia.brs. S. 25° E., 135 lks. dist. Mkd. ¼ S 3 B T. Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
79.25	Dry slough, 50 lks. wide, brs. N. and S.
80.00	Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped T 8 N S 34 in NE. quadrant R 21 W S 3 in SE. quadrant T 7 N S 4 in SW. quadrant S 33 in NW. quadrant 1912 in S. 3 notches on E. and W. edges 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 if irrigated). Soil, adobe, 2nd rate. Dense brush of mesquite and arrow weed.

	West bet. secs. 4 and 33. Over level land, through dense brush.
15.50	Dry slough, 100 lks. wide, brs. N. 30° E. and S. 30° W.
37.80	Dry slough, 40 lks. wide, brs. N. 10° W. and S.
39.20	Dry slough, 40 lks. wide, brs. N. 30° E. and S. 40° W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped ¼ S 33 in N. half S 4 1912 in S. half, from which A mesquite 12 ins.dia.brs. S. 31° W., 12 lks. dist. Mkd. ¼ S 4 B T. A mesquite 10 ins.dia.brs. N. 29½° E., 48 lks. dist. Mkd. ¼ S 33 B T. Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

North Boundary of frac. T. 7 N., R. 21 W.

Chains	
40.30	Dim road, brs. NE. and SW.
48.00	Dry slough, 50 lks. wide, brs. N. and S.
60.00	Dry slough, 50 lks. wide, brs. N. and S.
80.00	Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 8 N S 33 in NE. quadrant R 21 W S 4 in SE. quadrant T 7 N S 5 in SW. quadrant S 32 in NW. quadrant 1912 in S. 4 notches on E. and 2 notches on W. edge,
	from which
	A mesquite 8 ins.dia.brs. S. 20½° W., 30 lks. dist. Mkd. T 7 N R 21 W S 5 B T. A mesquite 12 ins.dia.brs. N. 69½° E., 107 lks. dist. Mkd. T 8 N R 21 W S 33 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 if irrigated. Soil, adobe, 2nd rate. Dense brush of arrow weed and mesquite.
	West bet. secs. 5 and 32.
	Over level land, through dense brush.
5.50	Road, brs. N. 30° E. and S. 30° W.
11.90	Left bank of Colorado River, course S. 45° W.
	Set an iron post, 1 in. dia., for M.C. of frac. secs. 5 and 32, with brass cap stamped M C in W. T 8 N S 32 in NE. quadrant T 7 N R 21 W S 5 in SE. quadrant 1912 in S. 6 notches on N. and S. edges
	Dig a pit 36x36x12 ins. 8 ft. E. of post, and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.
	Land, level, - agricultural if irrigated. Soil, sandy and adobe, 2nd rate. Brush, dense mesquite and willow.

Feb. 29, 1912.

GUY P. HARRINGTON

U. S. Surveyor

2451

West Boundary of frac. T. 7 N., R. 21 W.

Chains	
	Survey commenced Feb. 29, 1912, by Guy P. Harrington, U. S. Surveyor.
	The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at sec. and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. Posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.
	Feb. 29, 1912. At 8h 30m A.M., l.m.t., I set off 33°53½' on the lat. arc, 7° 54' S. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 6 and 7 N., Rgs. 21 and 22 W.
	Thence I run
	North bet. secs. 31 and 36.
	Over level land, through dense brush.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1912 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 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. 25, 30, 31 and 36, with brass cap stamped T 7 N S 30 in NE. quadrant R 21 W S 31 in SE. quadrant S 36 in SW. quadrant R 22 W S 25 in NW. quadrant 1912 in S. 1 notch on S. and 5 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.
	Land, level, - grazing. Soil, adobe, 2nd rate.

	North bet. secs. 25 and 30.
	Over level land, through dense brush.

West Boundary of frac. T. 7 N., R. 21 W.

Chains

40.00 Set an iron post for ¼ sec. cor. bet. secs. 25 and 30,

with brass cap stamped

¼ S 25 in W. half
S 30 in E. half
1912 in S., from which

A mesquite 14 ins.dia.brs. S. 21¾° W., 32 lks. dist.
Mkd. ¼ S 25 B T.

Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist.,

and raise a mound of earth 3½ ft. base, 1½ ft. high,

W. of cor.

59.10 Dim road, brs. N. 15° W. and S. 15° E.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30,

with brass cap stamped

T 7 N S 19 in NE. quadrant
R 21 W S 30 in SE. quadrant
S 25 in SW. quadrant
R 22 W S 24 in NW. quadrant
1912 in S.
2 notches on S. and 4 notches on N. edge,

from which

A mesquite 16 ins.dia.brs. S.89°45'W., 70 lks. dist.
Mkd. T 7 N R 22 W S 25 B T.
A mesquite 10 ins.dia.brs. S. 86° E., 126 lks. dist.
Mkd. T 7 N R 21 W S 30 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, adobe, 2nd rate.
Timber, mesquite.
Brush, dense arrow weed.

North bet. secs. 19 and24.

Over level land, through dense brush.

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

23.24 Dry slough, 60 lks. wide, brs. E. and W.

34.50 Dry slough, 75 lks. wide, brs. E. and W.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 19 and 24,

with brass cap stamped

¼ S 24 in W. half
S 19 in E. half
1912 in S., from which

West Boundary of frac. T. 7 N., R. 21 W.

Chains	
	A mesquite 16 ins.dia.brs. S.79¾°E., 104 lks. dist. Mkd. ¼ S 19 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 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. 13, 18, 19 and 24, with brass cap stamped T 7 N S 18 in NE. quadrant R 21 W S 19 in SE. quadrant S 24 in SW. quadrant R 22 W S 13 in NW. quadrant 1912 in S. 3 notches on N. and S. edges, from which
	A mesquite 16 ins.dia.brs. S. 14¼° E., 212 lks. dist. Mkd. T 7 N R 21 W S 19 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 if irrigated. Soil, sandy loam, 1st rate. Timber, mesquite. Brush, dense arrow weed.

	North bet. secs. 13 and 18.
	Over level land, through brush.
11.50	Dry slough, 50 lks. wide, brs. N. 60° W. and S. 60° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped ¼ S 13 in W. half S 18 in E. half 1912 in S., from which
	A mesquite 14 ins.dia.brs. N. 56¾° E., 55 lks. dist. Mkd. ¼ S 18 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
41.23	Wire fence, brs. N. 80° W. and S. 80° E.
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

BOOK 2451

West Boundary of frac. T. 7 N., R. 21 W.

Chains	
	T 7 N S 7 in NE. quadrant R 21 W S 18 in SE. quadrant S 13 in SW. quadrant R 22 W S 12 in NW. quadrant 1912 in S. 4 notches on S. and 2 on N. edges
	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 if irrigated. Soil, sandy and adobe, 1st rate. Timber, mesquite. Brush, dense arrow weed.

	North bet. secs. 7 and 12.
	Over level land, through dense brush.
0.02	Wire fence, brs. N. 10° W. and S. 10° E.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half 1912 in S., from which
	A mesquite 10 ins.dia.brs. N. 17½° E., 30 lks. dist. Mkd. ¼ S 7 B T.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
40.50	Dry slough, 30 lks. wide, brs. N. 30° E. and S. 30° W.
75.30	Wire fence, brs. N. 60° E. and S. 60° W.
76.00	A ranch house, brs. East, about 10.00 chs. dist.
80.00	Set an iron post for the cor. of secs. 1, 6, 7, and 12, with brass cap stamped T 7 N S 6 in NE. quadrant R 21 W S 7 in SE. quadrant S 12 in SW. quadrant R 22 W S 1 in NW. quadrant 1912 in S. 5 notches on S. and 1 notch 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.
	Land, level, - agricultural if irrigated. Soil, sandy and adobe, 1st rate. Timber, mesquite; brush, dense arrow weed.

BOOK 2451

West Boundary of frac. T. 7 N., R. 21 W.

Chains	
	North bet. secs. 1 and 6.
	Over level land, through dense brush.
7.20	Rail fence, brs. E. and W.
8.00	Enter dry slough, brs. E. and W.
12.00	Leave dry slough, brs. E. and W.
15.75	Rail fence, brs. E. and W.
24.00	Enter scattered cottonwood timber.
37.00	Dry slough, 75 lks. wide, brs. E. and W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped ¼ S 1 in W. half S 6 in E. half 1912 in S., from which A willow 6 ins.dia.brs. N. 10° E., 13 lks. dist. Mkd. ¼ S 6 B T. A willow 6 ins.dia.brs. N. 15° W., 14 lks. dist. Mkd. ¼ S 1 B T. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
70.65	Left bank of Colorado River, course W. Set an iron post, 1 inch in dia., for M.C. of frac. secs. 1 and 6, with brass cap stamped M C in N. half T 7 N R 22 W S 1 in SW. quadrant R 21 W S 6 in SE. quadrant 1912 in S. 6 notches on E. and W. edges Dig a pit 36x36x12 ins. 8 ft. S. of post, and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
	Land, level, - grazing. 45.35 chs. subject to overflow. Soil, adobe, 2nd rate. Feb. 29, 1912. At this M.C., I set off 7° 51½' S. on the decl. arc, and at 12h 12m 45s P.M., l.m.t., observe the Sun on the meridian; the resulting lat. is 33° 58½', the proper lat.

GUY P. HARRINGTON

U. S. Surveyor.

BOOK 2451

West Boundary of T. 8 N., R. 19 W.

Chains	
	Survey commenced March 2, 1912, by Guy P. Harrington, U.S. Surveyor.
	From the cor. of Tps. 7 and 8 N., Rgs. 19 and 20 W.,
	I run
	North bet. secs. 31 and 36.
	Over mountainous land.
.60	Wash, course S. 85° E.
7.60	Wash, course E.
10.00	Wash, course E.
16.20	Wash, course N. 45° E.
25.55	Wash, course N. 45° E.
27.85	Wash, course S. 45° E.
34.85	Wash, course E.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1912 in S. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
45.30	Wash, course E.
47.80	Spur, brs. E. and W.
50.90	Wash, course N. 45° E.
59.70	Wash, course E.
66.00	Wash, course N. 25° E.
73.10	Wash, course N. 30° E.
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped T 8 N S 30 in NE. quadrant R 19 W S 31 in SE. quadrant S 36 in SW. quadrant R 20 W S 25 in NW. quadrant 1912 in S. 5 notches on N. and 1 notch on S. edge Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous, - barren. Soil, stony, 3rd rate.

West Boundary of T. 8 N., R. 19 W.

Chains	
	North bet. secs. 25 and 30.
	Over mountainous land.
5.70	Low spur, brs. E. and W.
10.20	Wash, course E.
13.20	Wash, course E.
23.85	Spur, brs. E. and W.
27.50	Wash, course E.
36.35	Wash, course S. 25° E.
39.35	Ridge, brs. E. and W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1912 in S. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
44.60	Wash, course N. 70° W.
48.20	Wash, course S. 45° W.
53.50	Wash, course N. 80° W.
57.30	Wash, course S. 80° W.
60.00	Ridge, brs. NE. and SW.
65.00	Wash, course N. 80° W.
68.60	Wash, course N. 75° W.
75.00	Ridge, brs. NW. and SE.
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped T 8 N S 19 in NE. quadrant R 19 W S 30 in SE. quadrant S 25 in SW. quadrant R 20 W S 24 in NW. quadrant 1912 in S. 2 notches on S. and 4 notches on N. edge Build a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous, barren. Soil, stony, 3rd rate.

	North bet. secs. 19 and 24.
	Over mountainous land.
13.10	Wash, course S. 80° W.

West Boundary of T. 8 N., R. 19 W.

Chains	
21.10	Wash, course N. 80° W.
26.70	Low ridge, brs. E. and W.
29.10	Wash, course S. 80° W.
35.20	Ridge, brs. NW. and SE.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped ¼ S 24 in W. half S 19 in E. half 1912 in S. Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
40.40	Wash, course N. 45° E.
57.30	Wash, course N. 75° E.
80.00	Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped T 8 N S 18 in NE. quadrant R 19 W S 19 in SE. quadrant S 24 in SW. quadrant R 20 W S 13 in NW. quadrant 1912 in S. 3 notches on N. and S. edges Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous, - barren. Soil, stony, 3rd rate.

North bet. secs. 13 and 18.

Over rolling land.

5.00	Enter Bouse Arroyo, course N. 45° W. Scattered brush in arroyo,
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped ¼ S 13 in W. half S 18 in E. half 1912 in S., from which A palo fierro 8 ins.dia.brs. N. 43° W., 5 lks. dist. Mkd. ¼ S 13 B T. A palo verde 16 ins. dia. brs. S. 43½° E., 97 lks.dist. Mkd. ¼ S 18 B T. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

West Boundary of T. 8 N., R. 19 W.

Chains	
47.00	Road, in arroyo, brs. N. 30° W. and S. 30° E.
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped T 8 N S 7 in NE. quadrant R 19 W S 18 in SE. quadrant S 13 in SW. quadrant R 20 W S 12 in NW. quadrant 1912 in S. 4 notches on S. and 2 on N. edge, from which A palo verde 12 ins. dia. brs. N. 61°30'W., 35 lks. dist. Mkd. T 8 N R 20 W S 12 B T. A palo verde 12 ins. dia. brs. S. 31°30'E., 38 lks. dist. Mkd. T 8 N R 19 W S 18 B T. A palo verde 10 ins. dia. brs. N. 80°30'E., 118 lks. dist. Mkd. T 8 N R 19 W S 7 B T. Dig pits 16x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, rolling, and level arroyo bottom. Soil, sandy, 2nd rate. Scattered palo verde and palo fierro trees in arroyo.
	North bet. secs. 7 and 12.
	Through arroyo.
30.00	Leave arroyo, course N. 45° W.
	Thence over rolling land,
34.90	Wash, course W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half 1912 in S. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
51.00	Wash, course W.
64.90	Wash, course N. 80° W.
70.75	Wash, course W.
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

West Boundary of T. 8 N., R. 19 W.

Chains

T 8 N S 6 in NE. quadrant
R 19 W S 7 in SE. quadrant
S 12 in SW. quadrant
R 20 W S 1 in NW. quadrant
1912 in S.
5 notches on S. and 1 notch 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.

Land, rolling, and arroyo bottom, - barren.
Soil, sandy and stony, 3rd rate.
Timber, scattered palo verde and palo fierro.

North bet. secs. 1 and 6.

Over rolling mesa land.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

¼ S 1 in W. half
S 6 in E. half
1912 in S.

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

80.19 Intersect the 2nd Standard Parallel N., 3.23 chs. W. of the Standard ¼ sec. cor. of sec. 31, T. 9 N., R. 19 W.

Set an iron post for C.C. of Tps. 8 N., Rgs. 19 and 20 W., with brass cap stamped

T 8 N R 20 W S 1 in SW. quadrant
R 19 W S 6 in SE. quadrant
C C 1912 in S.
6 notches on E., S., and W. edges

Dig pits 30x24x12 ins., crosswise on each line, E. and W., 4 ft., and S. of post, 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, rolling, - grazing.
Soil, sandy, 2nd rate.

Mar. 2, 1912.

Guy P. Harrington,

U. S. Surveyor.

West Boundary of T. 8 N., R. 20 W.

Chains

Survey commenced Nov. 28, 1911, by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long and are set 26 ins. in the ground. The posts at section and ¼ sec. cors. are 1 inch in diameter, and at township cors. 3 inches in diameter. The posts at section and ¼ sec. cors. are pointed and driven, and those at township cors. are flanged and spread about 8 inches. All posts are filled with cement and fitted with brass caps.

Note: See note contained in field notes of the West bdy. of T. 6 N., R. 20 W., in regard to double chaining.

Nov. 28, 1911. At the cor. of Tps. 7 and 8 N., Rgs. 20 and 21 W., Lat. 33° 59' N., Long. 114° 23' W., at 5h 45m p.m., l.m.t., observe Polaris in position and mark the line of sight on the ground.

Time of U. C. of Polaris, Nov. 28, 9h 01.5m

Time of observation, Nov. 28, 5h 45m

Hour Angle 3h 16.5m

From Table VII of the Manual, the corresponding azimuth is 1° 04.6' to East.

Nov. 29, 1911. At 8.30 a.m., l.m.t., I set off 1° 04.6' to the West, and find my line to be correct in bearing.

Thence I run

North bet. secs. 31 and 36.

Over gently rolling land, through scattered mesquite timber.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 40.01 chs.
By 2nd set, 39.99 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped

¼ S 36 in W. half
S 31 in E. half
1911 in S.. from which

West Boundary of T. 8 N., R. 20 W.

Chains	
	A mesquite 14 ins.dia.brs. N.10°15'E., 68 lks. dist. Mkd. ¼ S 30 B T.
	A mesquite 10 ins.dia.brs. S.77°30'W., 74 lks. dist. Mkd. ¼ S 36 B T.
	Dig pits, 18x18x12 ins. N. and S. of post, 3 ft.dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
49.35	Wire fence, brs. N. 65° W. and S. 65° E.
55.60	Small slough, about 25 lks. wide, water 6 ins. deep, brs. E. and W.
72.05	Dry drain, course N. 65° W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 4 lks.; position of middle point
	By 1st set, 79.98 chs. By 2nd set, 80.02 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped
	T 8 N S 30 in NE. quadrant R 20 W S 31 in SE. quadrant S 36 in SW. quadrant R 21 W S 25 in NW. quadrant 1911 in S. 1 notch on S., and 5 notches on N. edge, from which
	A mesquite 10 ins.dia.brs. N. 42° E., 212 lks. dist. Mkd. T 8 N R 20 W S 30 B T.
	A cottonwood 10 ins.dia.brs. S.23°40'W., 257 lks.dist. Mkd. T 8 N R 21 W S 36 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, gently rolling, - grazing. Soil, sandy loam, 1st rate. Timber, scattered mesquite and cottonwood, and quail grass.

	From the cor. of secs. 25, 30, 31 and 36, I run
	North bet. secs. 25 and 30.
	Over gently rolling land, through scattered mesquite and cottonwood timber.
24.25	Wash, course N. 40° E.
31.15	Wash, course S. 20° E.
32.35	Wash, course N. 75° E.

West Boundary of T. 8 N., R. 20 W.

Chains	
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point By 1st set, 40.01 chs. By 2nd set, 39.99 chs.; the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1911 in S., from which A mesquite 8 ins.dia.brs. S.75°30'E., 142 lks. dist. Mkd. ¼ S 30 B T. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
45.92	Wash, course S. 35° E.
53.90	Wash, course N. 40° E.
72.55	Slough of clear water, about 1 ch. long and 50 lks. wide, brs. E., about 65 lks. dist.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 4 lks.; position of middle point By 1st set, 79.98 chs. By 2nd set, 80.02 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped T 8 N S 19 in NE. quadrant R 20 W S 30 in SE. quadrant S 25 in SW. quadrant R 21 W S 24 in NW. quadrant 1911 in S. 2 notches on S. and 4 notches on N. edges, from which A mesquite 8 ins.dia.brs. S. 66° W., 58 lks. dist. Mkd. T 8 N R 21 W S 25 B T. A mesquite 10 ins.dia.brs. S.34°35'E., 106 lks.dist. Mkd. T 8 N R 20 W S 30 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, gently rolling, sand dunes, - grazing. Soil, sandy loam, 1st rate. Timber, scattered mesquite. Brush, arrow weed.

West Boundary of T. 8 N., R. 20 W.

Chains

From the cor. of secs. 19, 24, 25 and 30, I run

North bet. secs. 19 and 24.

Over gently rolling land.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point

By 1st set, 40.02 chs.
By 2nd set, 39.98 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped

¼ S 24 in W. half
S 19 in E. half
1911 in S.

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

57.20 Road, brs. N. 35° E. and S. 35° W.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point

By 1st set, 79.97 chs.
By 2nd set, 80.03 chs.; the mean of which is

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped

T 8 N S 18 in NE. quadrant
R 20 W S 19 in SE. quadrant
S 24 in SW. quadrant
R 21 W S 13 in NW. quadrant
1911 in S.
3 notches on N. and S. edges, from which

A mesquite 8 ins.dia.brs. S. 71° 50' W., 87 lks. dist.
Mkd. T 8 N R 21 W S 24 B T.
A mesquite 20 ins.dia.brs. N.6°15'E., 266 lks. dist.
Mkd. T 8 N R 20 W S 18 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling. (Agricultural if irrigated).
Soil, sandy loam, 1st rate.
Timber, mesquite.
Brush, scattered sage.

West Boundary of T. 8 N., R. 20 W.

Chains	
	From the cor. of secs. 13, 18, 19 and 24, I run
	North bet. secs. 13 and 18.
	Over gently rolling land, through scattered mesquite and sage brush.
25.20	Wash, course N. 10° W.
28.10	Road, brs. N. and W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point
	By 1st set, 39.99 chs. By 2nd set, 40.01 chs.; the mean of which is
40.00	Set an iron post for ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped
	¼ S 13 in W. half S 18 in N. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
64.05	Parker-Ehrenberg Telephone line, brs. N. 45° E. and S. 45° W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 4 lks.; position of middle point
	By 1st set, 79.98 chs. By 2nd set, 80.02 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped
	T 8 N S 7 in NE. quadrant R 20 W S 18 in SE. quadrant S 13 in SW. quadrant R 21 W S 12 in NW. quadrant 1911 in S. 4 notches on S. and 2 notches on N. edge,
	from which
	A mesquite 16 ins.dia.brs. N.64°30'E., 220 lks. dist. Mkd. T 8 N R 20 W S 7 B T. A mesquite 14 ins.dia.brs. N.84°30'W., 257 lks. dist. Mkd. T 8 N R 21 W S 12 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.

West Boundary of T. 8 N., R. 20 W.

Chains	
	Land, gently rolling. (Agricultural if irrigated). Soil, sandy, 2nd rate. Timber, scattered mesquite.

	From the cor. of secs. 7, 12, 13 and 18, I run
	North bet. secs. 7 and 12.
	Over gently rolling land, through scattered mesquite.
34.00	Wash, course S. 50° E.
	Difference bet. measurements of 39.00 chs. by two sets of chainmen is 2 lks.; position of middle point By 1st set, 39.01 chs. By 2nd set, 38.99 chs.; the mean of which is
39.00	Set an iron post for W.C. to the ¼ sec. cor. of secs. 7 and 12, with brass cap stamped ¼ S 12 in W. half S 7 in E. half W C 1911 in S., from which A willow 12 ins.dia.brs. S. 47° E., 32 lks. dist. Mkd. ¼ S 7 W C B T. A willow 10 ins.dia.brs. S.86°20'W., 86 lks.dist. Mkd. ¼ S 12 W C B T. Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
39.26	Enter slough, brs. E. and W.
40.00	Point for ¼ sec. cor. bet. secs. 7 and 12, falls in slough.
40.30	Leave slough, brs. E. and W.
41.30	Wire fence, brs. E. and W.
59.80	Wash, course E.
72.15	Wash, course N. 60° E.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks.; position of middle point By 1st set, 79.97 chs. By 2nd set, 80.03 chs.; the mean of which is
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

West Boundary of T. 8 N., R. 20 W.

Chains

T 8 N S 6 in NE. quadrant
R 20 W S 7 in SE. quadrant
S 12 in SW. quadrant
R 21 W S 1 in NW. quadrant
1911 in S.
5 notches on S. and 1 notch on N. edge,

from which

A mesquite 8 ins.dia.brs. S.24°15'W., 94 lks. dist.
Mkd. T 8 N R 21 W S 12 B T.
A mesquite 8 ins.dia.brs. S.23°30'E., 128 lks. dist.
Mkd. T 8 N R 21 W S 12 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, gently rolling. (Agricultural if irrigated).
Soil, sandy loam, 1st rate.
Timber, scattered mesquite.

From the cor. of secs. 1, 6, 7, and 12, I run

North bet. secs. 1 and 6.

Over gently rolling land, through scattered mesquite and arrow weed.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 39.99 chs.
By 2nd set, 40.01 chs.; the mean of which is

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

¼ S 1 in W. half
S 6 in E. half
1911 in S., from which

A mesquite 18 ins.dia.brs. N. 80° 25' W., 20 lks.dist.
Mkd. ¼ S 1 B T.
A mesquite 18 ins.dia.brs. N. 44° E., 49 lks. dist.
Mkd. ¼ S 6 B T.

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

60.70 Road, brs. N. 40° E. and S. 40° W.

63.50 Road, brs. N. 35° E. and S. 35° W.

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

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

West Boundary of T. 8 N., R. 20 W.

Chains	
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 2 lks.; position of middle point By 1st set, 79.99 chs. By 2nd set, 80.01 chs.; the mean of which is
80.00	Set an iron post 3 ins. dia., for C.C. of Tps. 8 N., Rgs. 20 and 21 W., with brass cap stamped C C 1911 in S. T 8 N R 21 W S 1 in SW. quadrant R 20 W S 6 in SE. quadrant 6 notches on E., W., and S. edges Dig pits, 30x24x12 ins., crosswise on each line, E. and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.
	Note: This point determines the latitude of the 2nd Standard Parallel North, and from it the Standard Parallel was extended West and East, within the Colorado River Indian Reservation.
	Land, gently rolling. (Agricultural if irrigated.). Soil, sandy loam, 1st rate. Timber, scattered mesquite. Brush, arrow weed.
	Nov. 28, 1911.
	Guy P. Harrington U. S. Surveyor.

West bdy. of T. 9 N., R. 19 W.

Chains	
	Survey commenced Dec. 5, 1911, by Guy P. Harrington, U.S. Surveyor.
	Dec. 5, 1911. At 8 a.m., l.m.t., I set off 34° 04½' on the lat. arc, 22° 14½' S. on the decl. arc, and determine a meridian with the solar at the S.C. of T. 9 N., Rgs. 19 and 20 W.
	Thence I run
	North bet. secs. 31 and 36.
	Over rolling land, through scattered sage, greasewood and mesquite timber.
20.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S.¼) with brass cap stamped 1/16 S 36 in W. half S 31 in E. half No 12 1911 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.
31.50	Wash, course N. 45° W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped ¼ S 36 in W. half S 31 in E. half 1911 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.
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N.¼) with brass cap stamped 1/16 S 36 in W. half S 31 in E. half No 6 1911 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. 25, 30, 31 and 36, with brass cap stamped

West bdy. of T. 9 N., R. 19 W.

Chains	
	T 9 N S 30 in NE. quadrant R 19 W S 31 in SE. quadrant S 36 in SW. quadrant R 20 W S 25 in NW. quadrant 1911 in S. 1 notch on S. and 5 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.
	Land, rolling, - grazing. Soil, sandy, 2nd rate. Scattered sage, greasewood and mesquite.

	From the cor. of secs. 25, 30, 31 and 36, I run
	North bet. secs. 25 and 30.
	Over rolling land.
14.00	Small wash, course S. 60° W.
20.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S.¼) with brass cap stamped 1/16 S 25 in W. half S 30 in E. half No 12 1911 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.
25.00	Leave mesa, brs. N. 10° E. and S. 10° W.
	Enter bottom land.
28.60	Small wash, course W.
29.80	Small wash, course W.
34.80	Small wash, course S. 70° W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped ¼ S 25 in W. half S 30 in E. half 1911 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.
43.10	Dim road, brs. N. 25° E. and S. 25° W.

West bdy. of T. 9 N., R. 19 W.

Chains	
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N.½) with brass cap stamped 1/16 S 25 in W. half S 30 in E. half No 6 1911 in S. half, from which A mesquite 18 ins.dia.brs. S.7°50'W., 189 lks. dist. Mkd. 1/16 S 25 B T. 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. 19, 24, 25 and 30, with brass cap stamped T 9 N S 19 in NE. quadrant R 19 W S 30 in SE. quadrant S 25 in SW. quadrant R 20 W S 24 in NW. quadrant 1911 in S. 2 notches on S. and 4 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.
	Land, rolling, - grazing. (agricultural if irrigated.) Soil, sandy, 2nd rate. Scattered mesquite, sage brush and greasewood.

	From the cor. of secs. 19, 24, 25 and 30, I run North bet. secs. 19 and 24. Over rolling land, through scattered sage brush and greasewood.
20.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S.½) with brass cap stamped 1/16 S 24 in W. half S 19 in E. half No 12 1911 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.
36.90	Small wash, course W. Begin ascent of sand bank to mesa.
39.50	Top of ascent. Thence over rolling mesa land.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 19 and 24,

Chains

with brass cap stamped

¼ S 24 in W. half
S 19 in E. half
1911 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.

41.00 Wash, course W.

44.75 Wash, course W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19 and 24 (N.¼) with brass cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 6 1911 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. 13, 18, 19 and 24, with brass cap stamped

T 9 N S 18 in NE. quadrant
R 19 W S 19 in SE. quadrant
S 24 in SW. quadrant
R 20 W S 13 in NW. quadrant
1911 in S.
3 notches on N. and 3 notches on S. 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, rolling.(agricultural if irrigated).
Soil, sandy, 2nd rate.
Scattered sage brush and greasewood.

From the cor. of secs. 13, 18, 19 and 24, I run North bet. secs. 13 and 18.

Over rolling mesa land, through scattered sage and greasewood.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13 and 18 (S.¼) with brass cap stamped

West bdy. of T. 9 N., R. 19 W.

Chains

1/16 S 13 in W. half
S 18 in E. half
No 12 1911 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.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped

¼ S 13 in W. half
S 18 in E. half
1911 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.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N.½) with brass cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 6 1911 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. 7, 12, 13 and 18, with brass cap stamped

T 9 N S 7 in NE. quadrant
R 19 W S 18 in SE. quadrant
S 13 in SW. quadrant
R 20 W S 12 in NW. quadrant
1911 in S.
4 notches on S. and 2 notches on N. edges

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, gently rolling, - agricultural if irrigated.
Soil, sandy, 2nd rate.
Scattered sage brush and greasewood.

From the cor. of secs. 7, 12, 13 and 18, I run

North bet. secs. 7 and 12.

Over rolling mesa, through scattered sage and greasewood.

West bdy. of T. 9 N., R. 19 W.

Chains

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 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.

52.98 Intersect the S. bdy. of Parker Townsite, at a point 15.81 chs. S. 89° 56' E. of the 1/16 sec. cor. No. 4, bet. the NW. and NE. quarters of sec. 5, T. 2 N., R. 1 E. of the Colorado River Base Line.

Set an iron post for C.C. of secs. 7 and 12, with brass cap stamped

P T in N. half
T 9 N R 20 W S 12 in SW. quadrant
R 19 W S 7 in SE. quadrant
C C 1911 in S.
6 notches on E. and W. edges

Dig pits 24x18x12 ins. crosswise on line E. and W. of cor. 4 ft., and S. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Thence through Parker Townsite.

80.00 California Ave., main street of Parker, brs. N. 27° 15' W. and S. 27° 15' E.

Water tank of the A. T. & S. F. Ry., brs. N. 12° 14' W.,

Smoke stack of the Parker Ice Plant, brs. N. 33°30' W.

Set an iron post for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

T 9 N S 6 in NE. quadrant
R 19 W S 7 in SE. quadrant
S 12 in SW. quadrant
S 1 in NW. quadrant
1911 in S.
5 notches on S. and 1 notch 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.

Land, rolling mesa, (agricultural if irrigated).
Soil, sandy, 2nd rate.

BOOK 0451

West bdy. of T. 9 N., R. 19 W.

Chains	
	From the cor. of secs. 1, 6, 7 and 12, I run
	North bet. secs. 1 and 6.
	Over rolling mesa landm through Parker Townsite.
8.75	A. T. & S. F. Ry. telegraph line.
10.02	Middle of A. T. & S.F. Ry. track, brs. N. 27° 10' W., and S. 27° 10' E.
	Switch block for side track, brs. N. 27° 13' W., 141 lks. dist.
16.80	Road, brs. S. 30° E. and N. 40° E. and S. 40° W.
22.25	Same road, brs. S. 30° E. and N. 15° W.
27.40	Same road, brs. S. 15° W. and N. 20° E.
39.75	Road, brs. E. and W.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped ¼ S 1 in W. half S 6 in E. half 1911 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.
51.20	Road, brs. N. 70° E. and S. 70° W.
61.20	Road, brs. N. 40° E. and S. 40° W.
63.35	Road, brs. N. 40° E. and S. 40° W.
68.00	Road, brs. West and S. 40° W.
72.75	Intersect Parker Townsite boundary at a point 16.47 chs. N. 89° 31' E. of the ¼ sec. cor. bet. secs. 29 and 32, T. 3 N., R. 1 E., of the Colorado River Base line.
	Set an iron post for C.C. of secs. 1 and 6, with brass cap stamped C C P T 1911 in S. half T 9 N R 19 W S 6 in NE. quadrant R 20 W S 1 in NW. quadrant 6 notches on E. and W. edges. Dig pits 24x18x12 ins. crosswise on line E. and W. of cor. 4 ft., and N. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, N. of post.

West bdy. of T. 9 N., R. 19 W.

Chains	
80.00	Set an iron post for the cor. of Tps. 9 and 10 N., Rgs. 19 and 20 W., with brass cap stamped T 10 N S 31 in NE. quadrant R 19 W S 6 in SE. quadrant T 9 N S 1 in SW. quadrant R 20 W S 36 in NW. quadrant 1911 in S. 6 notches on N., S., E., and W. edge Dig pits 24x24x12 ins. in each line, N., E., and W. 4 ft., and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor. Land, rolling mesa. Soil, sandy, 2nd rate. Dec. 5, 1911.

G U Y P. H A R R I N G T O N

U.S.Surveyor.

West bdy. of T. 9 N., R. 20 W.

Chains

Survey commenced Dec. 1, 1911, by Guy P. Harrington, U.S. Surveyor.

Dec. 1, 1911. At 8.30 a.m., l.m.t., I set off 34° 04½' on the lat. arc, 21° 40' S. on the decl. arc, and determine a meridian with the solar at the S.C. of T. 9 N., Rgs. 20 and 21 W., which I find agrees with the meridian established by observation on Polaris on Nov. 29, 1911.

Thence I run

North bet. secs. 31 and 36.

Over level land, through mesquite and arrow weed brush.

Difference bet. measurements of 20.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 19.99 chs.
By 2nd set, 20.01 chs.; the mean of which is

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S.¼) with brass cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 12 1911 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.

Difference bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 39.99 chs.
By 2nd set, 40.01 chs.; the mean of which is

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 31 and 36 with brass cap stamped

¼ S 36 in W. half
S 31 in E. half
1911 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.

Difference in measurement of 60.00 chs. by two sets of chainmen is 4 lks.; position of middle point

West bdy. of T. 9 N., R. 20 W.

Chains

By 1st set, 59.98 chs.
By 2nd set, 60.02 chs.; the mean of which is

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N.¼) with brass cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 1911 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.

Difference in measurements of 80.00 chs. by two sets of chainmen is 4 lks.; position of middle point

By 1st set, 79.98 chs.
By 2nd set, 80.02 chs.; the mean of which is

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped

T 9 N S 30 in NE. quadrant
R 20 W S 31 in SE. quadrant
S 36 in SW. quadrant
R 21 W S 25 in NW. quadrant
1911 in S.
1 notch on S. and 5 notches on N. edges

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. (Agricultural if irrigated).
Soil, sandy and adobe, 1st rate.
Scattered mesquite, arrow weed and quail brush.

From the cor. of secs. 25, 30, 31 and 36, I run

North bet. secs. 25 and 30.

Over level land, through scattered mesquite, arrow weed and quail brush.

Difference in measurement of 20.00 chs. by two sets of chainmen is 1 lk.; position of middle point

By 1st set, 20.00½ chs.
By 2nd set, 19.99½ chs.; the mean of which is

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S.¼) with brass cap stamped

West bdy. of T. 9 N., R. 20 W.

Chains	
	1/16 S 25 in W. half S 30 in E. half No 12 1911 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.
25.50	Road, brs. E. and W.
27.00	Enter overflow land of Colorado River.
	Slough, brs. E. and W. (about 1 ch. wide).
	Difference in measurements of 40.00 chs. by two sets of chainmen is 2 lks.; position of middle point
	By 1st set, 40.01 chs. By 2nd set, 39.99 chs.; the mean of which is
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 25 and 30 with brass cap stamped
	¼ S 25 in W. half S 30 in E. half 1911 in S., from which
	A cottonwood 16 ins.dia.brs. S.59°30'W., 152 lks.dist. Mkd. ¼ S 25 B T. A cottonwood 14 ins.dia.brs. S.5°30'E., 102 lks. dist. Mkd. ¼ S 30 B T.
	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	Slough, brs. E. and W. (50 lks.wide).
56.65	Wire fence, brs. N. 85° W. and S. 85° E.
	Difference bet. measurements of 60.00 chs. by two sets of chainmen is 2 lks.; position of middle point
	By 1st set, 60.01 chs. By 2nd set, 59.99 chs.; the mean of which is
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N.¼) with brass cap stamped
	1/16 S 25 in W. half S 30 in E. half No 6 1911 in S., from which
	A cottonwood 10 ins.dia.brs. N.84°30'W., 65 lks. dist. Mkd. 1/16 S 25 B T. A cottonwood 16 ins.dia.brs. N. 28° E., 68 lks. dist. Mkd. 1/16 S 30 B T.
	Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,

Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

Difference bet. measurements of 80.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 79.99 chs.
By 2nd set, 80.01 chs.; the mean of which is

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped

T 9 N S 19 in NE. quadrant
R 20 W S 30 in SE. quadrant
S 25 in SW. quadrant
R 21 W S 24 in NW. quadrant
1911 in S.
2 notches on S. and 4 notches on N. edges

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 if irrigated).
Soil, sandy and adobe, 1st rate.
Scattered mesquite, arrow weed, willows and cottonwood.

From the cor. of secs. 19, 24, 25 and 30, I run North bet. secs. 19 and 24.

Over over flow land, through scattered willow and cottonwood timber.

Difference in measurements of 20.00 chs. by two sets of chainmen is 2 lks.; position of middle point

By 1st set, 19.99 chs.
By 2nd set, 20.01 chs.; the mean of which is

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S.¼) with brass cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 12 1911 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.

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

Difference bet. measurements of 33.00 chs. by two sets

West bdy. of T. 9 N., R. 20 W.

Chains

of chainmen is 2 lks.; position of middle point

By 1st set, 33.01 chs.
By 2nd set, 32.99 chs.; the mean of which is

33.00 Left bank of Colorado River, course S. 30° W.

Set an iron post for M.C. of secs. 19 and 24, with brass cap stamped

M C in N.
T 9 N R 21 W S 24 in SW. quadrant
R 20 W S 19 in SE. quadrant
1911 in S.
6 notches on E. and W. edges

Dig a pit 36x36x12 ins. 8 ft. S. of cor., and raise a mound of earth 4 ft. base, 2 ft. high, S. of post.

Land, level, - grazing. (agricultural if irrigated).
Soil, sandy and adobe, 1st rate.
Scattered willow and cottonwood and arrow weed.

GUY P. HARRINGTON

U.S.Surveyor.

North Boundary of T. 9 N., R. 19 W.

Chains	
	Survey commenced Dec. 5, 1911.
	From the cor. of Tps. 9 and 10 N., Rgs. 19 and 20 W.,
	I run
	East on a true line bet. secs. 6 and 31.
	Over rolling mesa land.
16.92	U. S. G. S. Bench Mark post, brs. North 71 lks. dist.
18.00	Road, brs. N. 10° E. and S. 10° W.
39.50	At theoretical distance, set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped ¼ S 31 in N. half S 6 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
55.00	Wash, course N. 30° W.
64.80	Wash, course S.
79.50	Set an iron post for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped T 10 N S 32 in NE. quadrant R 19 W S 5 in SE. quadrant T 9 N S 6 in SW. quadrant S 31 in NW. quadrant 1911 in S. 5 notches on E. and 1 notch on W. 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, rolling mesa, - barren. Soil, sandy, gravelly, 2nd rate. Scattered sage and greasewood.

	East on a true line bet. secs. 5 and 32.
	Over rolling mesa land.
19.00	Wash, course N. 40° W.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 5 and 32, with brass cap stamped ¼ S 32 in N. half S 5 1911 in S. half

North Boundary of T. 9 N., R. 19 W.

Chains	
	Dig pits 18x18x12 ins. E. and W., of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	Set an iron post for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 10 N S 33 in NE. quadrant R 19 W S 4 in SE. quadrant T 9 N S 5 in SW. quadrant S 32 in NW. quadrant 1911 in S. 4 notches on E. and 2 notches on W. 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, rolling mesa, - barren. Soil, sandy, 2nd rate. Scattered sage and greasewood.
	East on a true line bet. secs. 4 and 33.
	Over rolling, mesa land.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 4 and 33, with brass cap stamped ¼ S 33 in N. half S 4 1911 in S. half
	Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
78.50	Wash, course N. 45° W.
80.00	Set an iron post for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped T 10 N S 34 in NE. quadrant R 19 W S 3 in SE. quadrant T 9 N S 4 in SW. quadrant S 33 in NW. quadrant 1911 in S. 3 notches on E. and W. edges
	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, gently rolling mesa, - barren. Soil, sandy, 2nd rate. Scattered sage and greasewood.

North Boundary of T. 9 N., R. 19 W.

Chains	
	East on a true line bet. secs. 3 and 34.
	Over rolling mesa.
22.00	Flat wash, course N.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped ¼ S 34 in N. half S 3 1912 in S. half Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
56.66	Intersect the reservation bdy., 15.42 chs. S. 13° 03' E., of the 49 M.P.
	Set an iron post for C.C. of Tps. 9 and 10 N., R. 19 W., with brass cap stamped T 10 N R 19 W S 34 in NW. T 9 N S 3 in SW. C C P L I R in W. P L in E. 1912 in S. 6 notches on N. and S. edges Dig pits 30x24x12 ins. crosswise on line, N. and S., 4 ft., and W. of post, 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, W. of cor.
	Land, rolling mesa, - barren. Soil, sandy and stony, 3rd rate.

Dec. 5, 1911.

Guy P. Harrington

U. S. Surveyor.

North bdy. of T. 9 N., R. 20 W.

Chains	
	Survey commenced Dec. 5, 1911, by Guy P. Harrington, U. S. Surveyor.
	From the cor. of Tps. 9 and 10 N., Rgs. 19 and 20 W., I run
	West on a true line bet. secs. 1 and 36.
	Over rolling mesa land.
12.00	Telephone line, brs. N. and S.
12.25	Road, brs. N. and S.
16.54	Intersect the E. bdy. of Parker Townsite, at a point 7.40 chs. N. 0° 29½' W. of the ¼ sec. cor. bet. secs. 29 and 32, T. 3 N., R. 1 E., of the Colorado River Base Line.
	Set an iron post for C.C. of secs. 1 and 36, with brass cap stamped P T in W. C C in E. T 10 N S 36 in NE. quadrant T 9 N R 20 W S 1 in SE. quadrant 1911 in S. 6 notches on N. and S. edges
	Dig pits 24x18x12 ins. on line N. and S., 4 ft., and E. of post 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, E. of cor.
	Thence through Parker Townsite.
26.75	Wash, course N.
31.05	Road, brs. N. and S.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 1 and 36, with brass cap stamped ¼ S 36 in N. half S 1 1911 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.
41.40	Road, brs. N. 10° E. and S. 10° W.
50.00	Wash, course N.
52.00	Middle of A. T. & S. F. Ry. track, brs. N. 47° 51' W. and S. 47° 51' E.
	Bridge across Colorado River, brs. N. 47° 51' W., 321 lks. dist.

North bdy. of T. 9 N., R. 20 W.

Chains	
59.76	Left bank of Colorado River, course S. 10° W.
	Set an iron post for M.C. of secs. 1 and 36, with brass cap stamped
	M C in W. half T 10 N S 36 in NE. quadrant T 9 N R 20 W S 1 in SE. quadrant 1911 in S. 6 notches on N. and S. edges
	Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.
	Land, rolling mesa. Soil, sandy, 2nd rate.

GUY P. HARRINGTON.

U.S.Surveyor.

West bdy. of frac. T. 10 N., R. 19 W.

Chains	
	Survey commenced Dec. 5, 1911, by Guy P. Harrington, U.S. Surveyor.
	Dec. 5, 1911. At the cor. of Tps. 9 and 10 N., Rgs. 19 and 20 W., I set off 22° 17½' S. on the decl. arc, and at 11h 50m 22s a.m., l.m.t., observe the sun on the meridian; the resulting la t. is 34° 10', the proper lat.
	North bet. secs. 31 and 36.
	Over rolling, mesa land.
10.75	Wash, course W.
23.00	Wash, course N. 10° W.
28.00	Telephone line, brs. N. 30° E. and S. 30° W.
28.50	Road, brs. N. 30° E. and S. 30° W.
	Enter arroyo, course N. 30° E.
32.00	Leave arroyo, course N. 30° E.
35.00	Enter level river bottom, brs. NE. and SW.
36.30	Road, brs. N. 65° E. and S. 65° W.
38.50	Left bank of Colorado River, course S. 45° W.
	Set an iron post for M.C. of secs. 31 and 36, with brass cap stamped M C in N. T 10 N R 20 W S 36 in SW. R 19 W S 31 in SE. 1911 in S. 6 notches on E. and W. edges, from which
	A cottonwood 16 ins.dia.brs. S.67°30'W., 215 lks.dist. Mkd. T 10 N R 20 W S 36 M C B T.
	Dig a pit 36x36x12 ins. 8 ft. S. of post, and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
	Thence through South channel of river.
40.00	Point for ¼ sec. cor. bet. secs. 31 and 36, falls in south channel of river.
46.95	Right bank of South channel of River on island.
	Set an iron post for M.C. of secs. 31 and 36, with brass with brass cap stamped

West bdy. of frac. T. 10 N., R. 19 W.

Chains	
	M C 1912 in S. T 10 N R 19 W S 31 in NE. R 20 W S 36 in NW. 6 notches on E. and W. edges
	Dig a pit 36x36x12 ins., 8 ft. N. of post, and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
	Thence on island.
51.05	Left bank of North channel of Colorado River, course SW.
	Set an iron post for M.C. of secs. 31 and 36, with brass cap stamped
	M C in N. T 10 N R 20 W S 36 in SW. R 19 W S 31 in SE. 1912 in S. 6 notches on E. and W. edges, from which
	A willow 10 ins.dia.brs. S. 4½° W., 112 lks. dist. Mkd. T 10 N R 20 W S 36 M C B T.
	Dig a pit 36x36x12 ins., 8 ft. S. of post, and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
	Land, level, - barren and agricultural. Soil, sandy loam, 1st rate, Dense brush of cottonwood and willow timber on island.
	Dec. 5, 1911.

Guy P. Harrington

U. S. Surveyor.

Original oath filed with "Book A" of subdivisions.

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BOOK 2451

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.	
Henry Smith	Dec. 1, 1911	Dec. 19, 1911	Axeman
Arnold Emmons	Dec. 1, 1911	Dec. 26, 1911	Axeman
Randall Henderson	Nov. 1, 1911	Jan. 18, 1912	Axeman
Louis G. Hurst	Nov. 1, 1911	Feb. 27, 1912	Chainman
William Cort	Nov. 1, 1911	Feb. 27, 1912	Chainman
Robert Smith	Mar. 1, 1912	Apr. 1, 1912	Axeman
E. W. Hoagland	Nov. 1, 1911	Apr. 1, 1912	Axeman & Chainman
C. A. Simson	Nov. 1, 1911	Apr. 1, 1912	Chainman
John Mc Alpin	Jan. 1, 1912	Apr. 1, 1912	Axeman
Leonard D. Blodgett	Nov. 1, 1911	Apr. 1, 1912	Axeman & Flagman
Raymond P. Duffy	Nov. 1, 1911	Apr. 1, 1912	Chainman
W. J. Walshe	Nov. 1, 1911	Apr. 1, 1912	Flagman
P. T. Henderson	Jan. 25, 1912	Apr. 1, 1912	Axeman
Clifford Mc Laughlin	Nov. 1, 1911	Apr. 1, 1912	Moundsman
J. W. Rodgers	Nov. 1, 1911	Apr. 1, 1912	Moundsman
Charles Bowman	Nov. 1, 1911	Apr. 1, 1912	Flagman, Chainman and Axeman
Earl G. Harrington	Nov. 1, 1911	Apr. 1, 1912	Instrumentman
A. O. Stinson	Nov. 1, 1911	Apr. 1, 1912	Instrumentman
W. N. Rose	Nov. 1, 1911	Apr. 1, 1912	Axeman

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

Guy P. Harrington

U. S. Surveyor.

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BOOK 245

Original oath filed with Book "A" of subdivisons.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the ~~U. S. Surveyor General for~~ 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 ~~U. S. Surveyor General for~~ 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.

SEAL

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, 1913

The foregoing field notes of the survey of exterior lines, previously described, 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
~~U. S. Surveyor General~~
Commissioner of the General Land Office

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

Clay Tallman
~~U. S. Surveyor General~~
Commissioner of the General Land Office

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Washington, D.C., Jan.31, 1913.

I hereby certify that the survey of the exterior lines 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. Cunningham

Topographer in Charge.