

S. L. O. letter "E." April 25-1913
FIELD NOTES

2382

OF THE SURVEY OF THE BOOK 2382

Regulatory *Subdivision of T5D R10E.*

Of the *T5D R10E* Meridian,

In the State of *Territory of Arizona*

EXECUTED BY

William H. Elliott

In the capacity of U. S. Surveyor, under instructions dated *Aug. 15*, 1910,
issued by the United States Surveyor General to govern surveys included in
Group No. *2*, which were approved by the Commissioner of the General Land
Office, *Sept. 9*, 1910, pursuant to authority contained in the Act of
Congress dated *June 25, 1910* and *March 4, 1911*

Survey commenced *Mar 28*, 1911

Survey completed *April 3*, 1911

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BOOK 2382

INDEX DIAGRAM.

Township 5D, Range 18E

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BOOK 2382

INDEX DIAGRAM.

Township 5 S., Range 10 E.

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1833
BOOK 2382

PRELIMINARY OATHS OF ASSISTANTS.

WE, Walter S. Ingalls and Wallace R. Bond
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of subdivisions of T.5S., R.10 E.

Walter S. Ingalls, Chairman.
Wallace R. Bond, Chairman.

Subscribed and sworn to before me this 8th
day of March, 1911



William H. Elliott
U.S. Surveyor

WE, I, Albert Smith and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of subdivisions of T.5 S., R.10 E.

Albert Smith, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 8th
day of March, 1911



William H. Elliott
U.S. Surveyor

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.
_____, Axman.

Subscribed and sworn to before me this _____
day of _____, 19 _____



I, John J. Haggard, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of subdivisions of T.5 S., R.10 E.

John J. Haggard, Flagman.

Subscribed and sworn to before me this 8th
day of March, 1911



William H. Elliott
U.S. Surveyor

Subdivision of Township 5 South, Range 10 East.

Chains.

Survey commenced March 28, 1911, and executed with a Young & Sons solar transit No. 8480. The instrument was examined and tested on the true meridian at Phoenix, March 6, 1911, and found correct. It was also farther tested at camp, March 19 on true meridian as determined by Polaris observation, by p.m. and a.m. solar observations, as described in Book A.

At 7h.a.m., l.m.t., March 28, I set off $32^{\circ}56\frac{1}{2}'$ N. on the lat. arc; $2^{\circ}44'$ N. on the decl. arc, and determine a true meridian with the solar, at the Std. cor. of secs. 32 and 33, as recently established by me; thence I run, N. $0^{\circ}02'$ W., bet. secs. 32 and 33.

Over level land, through thick brush.

15.40 Durham road, NW. and SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 32 in W., and S 33 in E. half; dig pits, 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

57.50 Wash, 15 lks. wide, course N. 50° W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 29 in NW.,
 S 28 in NE.,
 S 33 in SE., and
 S 32 in SW. quadrant; dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
 Soil, gravelly loam to a depth of 1 ft. to hard pan; 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. $0^{\circ}02'$ W. bet. secs. 28 and 29.

Over level land, through thick brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 29 in W., and S 28 in E. half; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

78.81 Telephone line, NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 20 in NW.,
 S 21 in NE.,
 S 28 in SE., and
 S 29 in SW. quadrant; dig pits 18x18x12 ins. in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
 Soil, gravelly loam to a depth of 1 ft. to hard pan; 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. $0^{\circ}02'$ W., bet. secs. 20 and 21.
 Over level land, through thick brush.

2. Subdivision of Township 5 South, Range 10 East.

Chains.

5.95 Road, NW. and SE.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 20 in W., and S 21 in E. half; dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
45.95 Wash, 80 lks. wide, course NW.
66.30 Wash, 40 lks. wide, course NW.
80.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,
T 5 S R 10 E in N. half;
S 17 in NW.,
S 16 in NE.,
S 21 in SE., and
S 20 in SW. quadrant; dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, gravelly loam; 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.
At this cor. I set off 2°47 $\frac{1}{2}$ ' N. on the decl. arc, and at 12h.5.4m., l.m.t., I observe the sun on the meridian; the resulting lat. is 32° 59' N.

N. 0°02' W., bet. secs. 16 and 17.
Over rolling land, through thick brush.

5.50 Road, NW. and SE.
21.60 Wash, 40 lks. wide, course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 17 in W., and S 16 in E. half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
72.50 Trail, NW. and SE.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap,
T 5 S R 10 E in N. half;
S 8 in NW.,
S 9 in NE.,
S 16 in SE., and
S 17 in SW. quadrant; dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
Land, rolling.
Soil, gravelly loam; 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

N. 0°02' W., bet. secs. 8 and 9.

15.85 Wash, 50 lks. wide, course NW.
23.30 Wash, 25 lks. wide, course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in W. half, and S 9 in E. half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
55.00 Wash, 60 lks. wide, course NW.

Chains.

60.00 Enter broken hills.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,
 T 4 S R 10 E in N. half;
 S 5 in NW.,
 S 4 in NE.,
 S 9 in SE., and
 S 8 in SW. quadrant; 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, gravelly loam; 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. 0° 02' W., bet. secs. 4 and 5.
 Over hilly land, through thick brush.
 25.50 Enter wash, 365 lks. wide, course NW.
 30.40 Leave same wash.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 5 in W., and
 S 4 in E. half; 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.
 A palo verde tree, 12 ins. in diam., bears N. 35° W., 11 lks. dist., scribed ¼ S 5 B T.
 No other tree available.
 45.35 Wash, 20 lks. wide, course NW.
 64.00 Wash, 100 lks. wide, course NW.
 81.72 Intersect the S. bdy. of T. 4 S., R. 10 E., 7.19 chs., N. 89° 46' W. of the cor. of secs. 32 and 33.
 Set a charred ironwood post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, with quart of charcoal, for C C of secs. 4 and 5; scribed,
 C C T 5 S R 10 E on S.,
 S 4 on E., and
 S 5 on W. face, with 4 grooves on E. and 2 grooves on W. faces.
 An ironwood tree 14 ins. in diam., bears S. 41° 20' W., 171 lks. dist., scribed T 5 S R 10 E S 5 B T.
 An ironwood tree 10 ins. in diam., bears S. 21° 15' E., 127 lks. dist., scribed T 5 S R 10 E S 4 B T.
 Land, hilly and much broken.
 Soil, 8 ins. of gravelly loam to hardpan; 3rd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

March 28, 1911.

March 29: At 7h. a.m., 1.m.t., I set off 33° 00' N. on the lat. arc; 3° 07½' N. on the decl. arc, and determine the true meridian with the solar at the cor. of secs. 8, 9, 16 and 17; thence I run,
 East, bet. secs. 9 and 16.
 Over hilly land, through thick brush.
 10.05 Wash, 15 lks. wide, course NW.
 21.85 Wash, 40 lks. wide, course NW.
 32.40 Wash, 30 lks. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 9 in N., and
 S 16 in S. half; dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft.

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Chains.

base, $1\frac{1}{2}$ ft. high, N. of cor.
 43.00 Enter broken hills
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE., and
 S 16 in SW. quadrant; dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 An ironwood tree, 14 ins. in diam., bears S. $14^{\circ}30'W.$, 234 lks. dist., scribed T 5 S R 10 E S 16 B T.
 No other tree available.
 Land, hilly.
 Soil, 8 ins. of gravelly loam to hardpan; 3rd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. $0^{\circ}02'W.$, bet. secs. 9 and 10.
 Over hilly land, through thick brush.
 6.45 Wash, 15 lks. wide, course NW.
 26.00 Descend.
 29.00 Foot of descent.
 32.75 Wash, 100 lks. wide, course NW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 9 in W., and
 S 10 in E. half; dig pits, 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 58.60 Wash, 100 lks. wide, course NW.
 62.70 Road, NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quadrant; dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 An ironwood tree, 10 ins. in diam., bears S. $22^{\circ}45'W.$, 202 lks. dist., scribed, T 5 S R 10 E S 9 B T.
 No other tree available.
 Land, rolling.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.
 At this cor. I set off $3^{\circ}11'N.$ on the decl. arc, and at 12h.05.8m., l.m.t., I observe the sun on the meridian; the resulting latitude is $33^{\circ}01'N.$, which is within 1' of proper latitude.

West, on a random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect N. and S. line, 3 lks. S. of cor. of secs. 4, 5, 8 and 9; thence I run,
 S. $89^{\circ}59'E.$ on a true line, bet. secs. 4 and 9.
 Over rolling land, through thick brush.
 19.25 Wash, 40 lks. wide, course NW.
 34.05 Wash, 20 lks. wide, course NW.

Chains.

- 40.01 1/2 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap, 1/4 S 4 in N., and S 9 in S.half; dig pits, 18x18x12 ins. E.and W.of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,N.of cor.
- 60.65 Wash, 30 lks.wide, course NW.
- 66.80 Road, NW.and SE.
- 80.03 Cor.of secs.3,4,9 and 10.
Land, rolling.
Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

-
- N.0°02' W., bet, secs. 3 and 4.
Over rolling land, through thick brush.
 - 15.45 Wash,30 lks.wide, course NW.
 - 25.90 Wash,30 lks.wide, course N.70°W.
 - 35.00 Wash, 50 lks.wide, course N.70°W.
 - 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap, 1/4 S 4 in W., and S 3 in E.half; dig pits, 18x18x12 ins. N.and S.of post 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,W.of cor.
 - 48.40 Road, NW.and SE. to Mammoth.
 - 50.00 Wash,40 lks.wide, course NW.
 - 58.25 Road to Kelvin, N.70°W. and S.70°E.
 - 78.00 Wash,100 lks.wide, course NW.
 - 82.02 Intersect S.bdy.of T.4 S., R.10 E., 7.36 chs. N.89°46'W. of the cor. of secs.33 and 34. Set a charred iron-wood post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, for C C of secs. 3 and 4, scribed, C C, T 5 S R 10 E on S., S 4 on W., and S 3 on E.face, with 3 grooves on E.and 3 grooves on W.faces; dig pits, 24x18x12 ins. crosswise on each line, E.and W. 3 ft. and S.of post 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high,S.of cor.
Land, rolling.
Soil, gravelly loam, 8 ins. to hard-pan; 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

March 29, 1911.

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- March 31: At 10h.30m. a.m.,1.m.t., I set off 32°56 1/2'N. on the lat.arc; 3°56' N.on the decl.arc, and determine a true meridian with the solar, at the standard cor. of secs. 31 and 32; thence I run, N.0°03' W., bet. secs. 31 and 32.
Over level land, through thick brush.
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap, 1/4 S 31 in W., and S 32 in E.half; dig pits 18x18x12 ins., N.and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,W.of cor.
 - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 29,30, 31 and 32, marked on brass cap, T.5 S R 10 E in N.half; S 30 in NW., S 29 in NE., S 32 in SE., and S 31 in SW. quadrant; dig pits, 18x18x12 ins. in

6. Subdivision of Township 5 South, Range 10 East.

Chains.

each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

East, on a random line, bet. secs. 29 and 32.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.20 Intersect N. and S. line, 4 lks. S. of cor. of secs. 28, 29, 32 and 33; thence I run, S. $89^{\circ}58'W.$ on a true line, bet. secs. 29 and 32. Over level land, through thick brush.
38.90 Road, NW. and SE.
40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 29 in N., and S 32 in S. half; dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
80.20 Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

West, on a random line, bet. secs. 30 and 31.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
78.90 Intersect W. bdy. of Tp., 35 lks. N. of cor. of secs. 25, 30, 31 and 36. described in book A.
Thence I run, N. $89^{\circ}45'$ E. on a true line, bet. secs. 30 and 31. Over level land, through thick brush.
14.70 Red Rock road, N. $10^{\circ}W.$ and S. $10^{\circ}E.$
38.90 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in N., and S 31 in S. half; dig pits 18x18x12 ins., E. and W. of post 3 ft., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
78.90 Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

March 31, 1911.

April 1, 1911: At 7h. a.m., 1.m.t., I set off $32^{\circ}57\frac{1}{2}'N.$ on the lat. arc; $4^{\circ}17\frac{1}{2}'N.$ on the decl. arc, and determine a true meridian with the solar, at the cor. of secs. 29, 30, 31 and 32.
Thence I run, N. $0^{\circ}03'W.$, bet. secs. 29 and 30. Over level land, through thick brush.
29.95 Wash, 10 lks. wide, course NW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in W., and S 29 in E. half; dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of Township 5 South, Range 10 East.

Chains.

76.05 Road to Florence, NW. and SE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 19 in NW.,
 S 20 in NE.,
 S 29 in SE., and
 S 30 in SW. quadrant; 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.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

40.00 West, on a random line, bet. secs. 19 and 30.
 Set temp. ¼ sec. cor.
 77.66 Intersect W. bdy. of Tp. 4 lks. N. of cor. of secs. 19, 24, 25 and 30. described in book A.
 Thence I run,
 N. 89° 58' E. on a true line, bet. secs. 19 and 30.
 Over level land, through thick brush.
 37.66 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 19 in N., and
 S 30 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.
 75.45 Road to Florence, NW. and SE.
 77.66 Cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, gravelly loam; 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. 89° 58' E., on a random line, bet. secs. 20 and 29.
 40.00 Set temp. ¼ sec. cor.
 80.10 Intersect N. and S. line, 17 lks. N. of cor. of secs. 20, 21, 28 and 29.
 Thence I run,
 N. 89° 55' W. on a true line, bet. secs. 20 and 29.
 Over level land, through thick brush.
 1.00 Telephone line, NW. and SE.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 20 in N., and
 S 29 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.
 80.10 Cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

N. 0° 03' W., bet. secs. 19 and 20.
 Over level land, through thick brush.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 19 in W., and
 S 20 in E. half; dig pits, 18x18x12 ins. N. and S.

8. Subdivision of Township 5 South, Range 10 East.

Chains.

80.00 of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,
 T 5 S R 10 E in N. half;
 S 18 in NW.,
 S 17 in NE.,
 S 20 in SE., and
 S 19 in SW. quadrant; 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.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

40.00 West, on a random line bet. secs. 18 and 19.
 Set temp. ¼ sec. cor.
 76.26 Intersect the W. bdy. of Tp. 30 lks. S. of the cor. of secs. 13, 18, 19 and 24. as described in book A.
 Thence I run,
 S. 89°47'E., on a true line, bet. secs. 18 and 19.
 Over level land, through thick brush.
 14.55 Road, NW. and SE.
 36.26 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 18 in N., and
 S 19 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.
 43.05 Road, NW. and SE.
 76.26 Cor. of secs. 17, 18, 19 and 20.
 Land, level.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

S. 89°55'E., on a random line, bet. secs. 17 and 20.
 40.00 Set temp. ¼ sec. cor.
 80.15 Intersect N. and S. line, 4 lks. S. of cor. of secs. 16, 17, 20 and 21.
 Thence I run,
 N. 89°57'W., on a true line, bet. secs. 17 and 20.
 Over level land, through thick brush.
 29.45 Wash, 35 lks. wide, course NW.
 40.07½ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,
 ¼ S 17 in N., and
 S 20 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.
 65.15 Wash, 60 lks. wide, course NW.
 76.00 Telephone line, NW. and SE.
 76.25 Road, course NW. and SE.
 80.15 Cor. of secs. 17, 18, 19 and 20.
 Land, level. Soil, gravelly loam, 2nd rate.
 Timber, ironwood and palo verde.
 Greasewood brush.

April 1, 1911.

Subdivision of Township 5 South Range 10 East.

9.

Chains.

April 3: At 7h. a.m., 1.m.t., I set off $32^{\circ}59'N.$ on the lat.arc; $5^{\circ}03\frac{1}{2}'N.$ on the decl.arc, and determine a true meridian with the solar, at the corner of secs. 17, 18, 19 and 20.

Thence I run,
 $N.0^{\circ}3' W.$ bet. secs. 17 and 18.
 Over level land, through thick brush.

3.60 Road, NW.and SE.
 3.87 Telephone line, $N.43^{\circ} W.$
 6.95 Wash, 20 lks.wide, course NW.
 8.35 Wash, 15 lks. wide, course NW.
 13.15 Road, E.and W.
 25.40 Wash, 20 lks.wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 18 in W., and S 17 in E.half; dig pits, 18x18x12 ins. N.and S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.7,8,17 and 18, marked on brass cap,
 T 5 S R 10 E in N.half;
 S 7 in NW.,
 S 8 in NE.,
 S 17 in SE., and
 S 18 in SW. quadrant; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft.base, 2 ft. high, W. of cor.

Land, level.
 Soil, gravelly loam, 2nd rate.
 Timber, ironwood, and palo verde.
 Greasewood brush.

Knowing that the cor. bet. secs.7 and 18, on W.bdy.of township will be more than 50 lks. S.of the cor.of secs. 12 and 13 on E.bdy. of T.5 S., R.9 E., I run,
 West, bet. secs.7 and 18.
 Over level land, through thick brush.

31.60 Wash, 20 lks.wide, course NW.
 33.75 Wash, 15 lks.wide, course N.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 7 in N., and S 18 in S.half; dig pits, 18x18x12 ins., E.and W.of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.
 An ironwood tree, 12 ins. diam., brs. $S.9^{\circ}30'W.$, 170 lks.dist., scribed $\frac{1}{4}$ S 18 B T.
 No other tree available.

60.00 Wash, 15 lks.wide, course NW.
 65.40 Wash, 15 lks.wide, course NW.
 67.90 Wash, 30 lks.wide, course NW.
 70.58 Telephone line, $N.43^{\circ}W.$ and $S.43^{\circ}E.$
 73.00 Road, NW.and SE.
 75.28 Intersect the W.bdy.of township, 63 lks. $S.0^{\circ}50'W.$ of the corner of secs. 12 and 13, as described in book A.
 Set a charred ironwood post, $3\frac{1}{2}$ ft. long, 6 ins. sq., 30 ins. in the ground for C.C. of secs. 7 and 18, scribed, C C T 5 S R 10 E on E.face,
 S 7 on N, and
 S 18 on S. face, with 2 grooves on N., and 4 grooves on S.face; dug pits 24x18x12 ins. crosswise on each line N.and S. 3 ft. dist., and E.of post 7 ft. dist., and raised a mound of earth 4 ft.base, 2 ft high, E. of cor.

Land, level.

10. Subdivision of Township 5 South, Range 10 East.

Chains.

Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush.

- S.89° 57' E. on a random line, bet. secs.8 and 17.
40.00 Set temp. $\frac{1}{4}$ sec.cor.
80.30 Intersect N.and S.line, 3 lks.N.of cor. of secs.8,9, 16
and 17.
Thence I run,
N.89°56'W., on a true line, bet. secs.8 and 17.
Over rolling land, through thick brush.
16.30 Trail, NW.and SE.
40.15 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 8 in N., and
 $\frac{1}{4}$ S 17 in S.half; dig pits, 18x18x12 ins., E.and W.
of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft.
base, 1 $\frac{1}{2}$ ft. high, N.of cor.
52.30 Wash, 20 lks.wide, course NW.
57.60 Wash, 20 lks.wide, course NW.
79.60 Road, NW.and SE.
80.30 Cor.of secs.7,8,17 and 18.
Land, rolling.
Soil, gravelly loam, 2nd rate.
Timber, ironwood and palo verde.
Greasewood brush,

- N.0°03'W., bet. secs.7 and 8.
Over rolling land, through thick brush.
0.62 Road, NW.and SE.
19.85 Wash, 30 lks.wide, course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap
 $\frac{1}{4}$ S 7 in W., and
S 8 in E.half; dig pits 18x18x12 ins., N.and S.of
post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft.
base, 1 $\frac{1}{2}$ ft. high,W.of cor.
45.40 Wash, 20 lks.wide, course NW.
55.30 Trail, NW.and SE.
80.00 Set a charred ironwood post, 3 $\frac{1}{2}$ ft. long, 4 ins. sq., 30
ins. in the ground, with quart of charcoal, for cor.of
secs. 5,6,7 and 8, scribed.
T 5 S S 5 in NE.,
R 10 E, S 8 in SE.,
S 7 in SW., and
S 6 in NW. face, with 5 notches on S. and 5 notches
on E.edges; dig pits, 18x18x12 ins. in each sec.5 $\frac{1}{2}$
ft.dist., and raise a mound of earth, 4 ft.base, 2 ft.
high,W.of cor.
A palo verde tree, 12 ins. in diam., bears S.62°E.,
113 lks.dist., scribed T 5 S R 10 E S 8 B T.
No other tree available.
Land, rolling.
Soil, gravelly loam; 2nd rate.
Timber, mesquite, ironwood and palo verde.
Greasewood brush.

- West, bet. secs.6 and 7.
Over rolling land, through thick brush.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 6 in N., and
S 7 in S.half; dig pits, 18x18x12 ins. E.and W.of
post, 3 ft.dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft.

Subdivision of Township 5 South Range 10 East.

Chains.

66.90 base, 1½ ft. high, N. of cor.
 Wash, 60 lks. wide, course NW.
 74.11 Intersect the W. bdy. of township, 96 lks. S. 0°50'W. of
 the cor. of secs. 1 and 12, as described in book A.
 Set a charred mesquite post, 3½ ft. long, 5 ins. sq., 30
 ins. in the ground, with quart of charcoal, for closing
 corner of secs. 6 and 7, scribed,
 C C T 5 S R 10 E face;
 S 6 on N., and
 S 7 on S. face, with 1 groove on N. and 5 grooves on
 S. face; dug pits 24x18x12 ins. crosswise on each
 line N. and S. 3 ft. dist. and E. of post 7 ft. dist.,
 and raise a mound of earth 4 ft. base, 2 ft. high, E. of
 cor.
 Land, rolling.
 Soil, gravelly loam, 2nd rate.
 Timber, mesquite, ironwood and palo verde.
 Greasewood brush.

40.00 S. 89° 56'E., on a random line, bet. secs. 5 and 8.
 Set temp. ¼ sec. cor.
 80.16 Intersect N. and S. line, 5 lks. S. of cor. of secs. 4, 5,
 8 and 9.
 Thence I run,
 N. 89° 58'W. on a true line, bet. secs. 5 and 8.
 40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 5 in N., and S. 8 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.
 An ironwood tree, 12 ins. in diam., brs. N. 49½°W., 97
 lks. dist., marked ¼ S 5 B T.
 No other tree available.
 44.90 Wash, 15 lks. wide, course NW.
 80.16 Cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, gravelly loam; 2nd rate.
 Timber, mesquite, ironwood and palo verde.
 Greasewood brush.

40.00 N. 0° 03'W., bet. secs. 5 and 6.
 Over rolling land, through thick brush.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 6 in W., and
 S 5 in E. half; 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.
 An ironwood tree, 12 ins. in diam., bears N. 80°E.,
 104 lks. dist., scribed ¼ S 5 B T.
 No other tree available.
 81.45 Intersect the S. bdy. of T. 4 S., R. 10 E., 7.11 chs. N. 89°
 46'W. of the cor. of secs. 31 and 32.
 Set a charred ironwood post, 3½ ft. long, 5 ins. sq., 30
 ins. in the ground, for C C of secs. 5 and 6, scribed
 C C, T 5 S R 10 E on S.,
 S 5 on E., and
 S 6 on W. face, with 5 grooves on E. and 1 groove on
 W. face; dug pits, 24x18x12 ins. crosswise on each
 line, E. and W. 3 ft., and S. of post 7 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high, E. of
 cor.
 Land, rolling.
 Soil, gravelly loam, 2nd rate.

Chains.

Timber, mesquite, ironwood and palo verde.
Greasewood brush.

April 3, 1911.

GENERAL DESCRIPTION.

The lands embraced in this survey are slightly rolling, and covered with a growth of forage grass in wet seasons. The soil is a gravelly loam, very shallow over most of it, being from 8 ins. to 2 ft. deep to caliche. There is a growth of ironwood, palo verde and mesquite trees, and aacti and greasewood brush.

The drainage is to the northwest, to the Gila River. There is no water on the land, only what comes through the canal in the northwest part.

The greater part of the NW. 1/4 of the NW. 1/4 of sec. 6 has been cleared and fenced, but was not crossed by any of the lines of survey.

William H. Elliott
U. S. Surveyor.

LIST OF NAMES.

A list of the names of the individuals employed by William H. Elliott, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivisions

of N. 5 S., R. 10 E., E. & S. R., B. 24.

showing the respective capacities in which they acted:

- W. S. Ingalls, Chainman.
- W. A. Bond, Chainman.
- Albert Smith, Moundman.
- _____ , Moundman.
- _____ , Axman.
- _____ , Axman.
- John J. Haggard, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted William H. Elliott, United States Deputy Surveyor, in surveying all

those parts or portions of the Subdivisions of T. 5 S., R. 10 E., E. & S. R., B. 24.

_____ of the _____ meridian, Tertiary of Arizona, which are represented in the foregoing field notes as having been surveyed 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 surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

- Walter S. Ingalls, Chainman.
- Wallace R. Bond, Chainman.
- Albert Smith, Moundman.
- _____ , Moundman.
- _____ , Axman.
- _____ , Axman.
- John J. Haggard, Flagman.

Subscribed and sworn to before me this 5th day of April, 19 11

William H. Elliott
U. S. Surveyor.



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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BOOK 2382

I, William H. Elliott United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a ^{instructions} contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the August 25, 1910 11, 1911, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of T. 5 S., R. 10 E

G. S. R. of the _____ meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William H. Elliott
United States ~~Deputy~~ Surveyor.

Subscribed by said William H. Elliott, and sworn to before me }
this 28th day of October, 1911

Frank S. Ingalls
U. S. Surveyor General



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. March 16, 1912

The foregoing field notes of the survey of the Triguemonty Subdivision of T. 5 S. R. 10 E. G. S. R. Meridian Arizona.

executed by William H. Elliott under his ^{grant} contract No. 2, dated August 25, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

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

United States Surveyor General.