20" 4—679.

1913. Entires E. J. quie 13/09

FIELD NOTES

OF THE SURVEY OF THE BOOK 1913

	SUBDIVI of		
·		R 32 E.	
	and RESURVEY 0	F THE	
		BOUNDARIES .	
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	u est	·	
$\it Of\ the$ ${f c}_{f I}$ by	A-&-SALT-RIVER-	BASE-& Me	ridian,
	AS SURVE	YED BY	
CASIMIR	D.R. BARTHELEMY	, United State	es Deputy Surveyor
Inder his Contract No	139, dated	APRIL 14, 1906.	, 190
urvey commenced0c1	OBER 4th. 1906.	·	, 190
lurvey completed009	'0BER-16th19 () 6	190
6—151			

NAMES AND DUTIES OF ASSISTANTS.

οK	1913 NAME	NAMES AND DUTIES OF ASSISTANTS.				
001						
	JOHN M. TRAYER,					
-	B. F. ARNOLD,	Chainman.	• 			
	H. S. PHILLIPS.	Moundman.				
	WALTER T. G. W alker ,	Axeman,				
	CHARLES MEADMORE	, FLACMAN.				
			·			
	6—151		·			

BOOK 1913

INDEX DIAGRAM.

		Cowr		91	outh	9	Range	32/East	
Z	4	10	4	13	5	19	8	2	i
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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

201		
80	OK 1913 WE. John M. Trayer	and B. F. Arnold
_		ly execute the duties of chainmen; that we will level the
	chain upon even and uneven ground, and plumb th	he tally pins, either by sticking or dropping the same; that
	we will report the true distances to all notable o	bjects, 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
	Subdivision lines of	1 p. 9 S., R. 32 E.
	•	Chainman.
	- -	
	·	BF! Corroll, Chainman.
	Subscribed and sworn to before me this 2)
	day of October, 1906	M. G. Pawar
	MACAGAGA	M. G. Vower
	W SEAL (N	Newscry Problem Phase in party of course to care any
	J. A. S. Phillips	My Gomun's sion Lagrana April 1975, 1975
	11 12,	
	do solemnly swear that we will well and truly	y perform the duties of moundmen in the establishment as, to the best of our skill and ability, in the survey of
	of corners, according to the instructions given	Show the best of our skin and ability, in the sairty
	Subdivision lines of	$\mathcal{L}_{\mathcal{L}}}}}}}}}}$
	_	Moundman.
		/ Moundman.
	1 m	<u>_d</u>
	Subscribed and sworn to before me this 2	
	day of October, 1906	It G. Pawar
	REFER	Notara Padle, Francisca dare más
		The state of the s
	WE, J. G. G. Walter	and
	do solemnly swear that we will well and truly pe	erform the duties of axmen in the establishment of corners
	and other duties, according to instructions given	erform the duties of axmen in the establishment of corners n us, to the best of our skill and ability, in the survey of
	and other duties, according to instructions given	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 9 6 9 6 8 2 8
	do solemnly swear that we will well and truly pound other duties, according to instructions given Subdivision lines	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 9 6 9 6 8 2 8
	and other duties, according to instructions given	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of I. J. R. 32 E. T. J. M. Mer., Axman.
	and other duties, according to instructions given	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 9 6 9 6 8 2 8
•	and other duties, according to instructions given Subdivision lines of Subscribed and sworn to before me this. 2	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of I. J. R. 32 E. T. J. M. Mer., Axman.
	and other duties, according to instructions given Subdivision lines of	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of I. 9 1, 0, 32 E The Maller Axman. Axman.
	and other duties, according to instructions given Subdivision lines of Subscribed and sworn to before me this. 2	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of Island Island Axman. Axman. A. G. Cower
•	and other duties, according to instructions given Subdivision lines of Subscribed and sworn to before me this. 2	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of I I I I I I I I I I I I I I I I I I
	Subscribed and sworn to before me this. 2	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of Iso
	Subscribed and sworn to before me this. 2 day of October 1906 I, Charles Meads	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of In
	Subscribed and sworn to before me this 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given from the second process of the se	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 ft. 9 ft. 32 E The first f
	Subscribed and sworn to before me this. 2 day of October 1906 I, Charles Meads	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 p. 9 1 n. 32 E The Market
	Subscribed and sworn to before me this 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given from the second process of the se	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 p. 9 1 n. 32 E The Market
	Subscribed and sworn to before me this 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given the duties given the dutie	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 %
	Subscribed and sworn to before me this. 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given the duties of flagman according to instructions given the duties of flagman according to instructions of the duties of flagman according to instructions given the duties of flagman according to instructions duties d	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 %
	Subscribed and sworn to before me this 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given the duties given the dutie	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of the state of the survey of the surv
	Subscribed and sworn to before me this. 2 day of October 1906 I, Charles Meads perform the duties of flagman according to instructions given the duties of flagman according to instructions given the duties of flagman according to instructions of the duties of flagman according to instructions given the duties of flagman according to instructions duties d	erform the duties of axmen in the establishment of corners in us, to the best of our skill and ability, in the survey of 2 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 %

BOOK, 1913

INDEX DIAGRAM.

Tou	nship		, Range		
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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

D		ATHS OF ASSISTANTS.
BOC	K 1913 WE. John M. Trager	and B. F. annold
	do solemnly swear that we will well and faithful	lly execute the duties of chainmen; that we will level the
	•	he tally pins, either by sticking or dropping the same; that
	-	objects, and the true lengths of all lines that we assist in accordance with instructions given us, in the survey of
	naid H. Bdys of Tp. 9 S., a	
	1. 2011. verige of 17. / 10. 10.	
		Chainman.
		B. F. Comed Ly Chainman.
	Subscribed and sworn to before me this	
	day of	W. G. Power
	TEXT W SEAL W	in the forest little description of the second

	W. J. N. S. Phellips	and.
		y perform the duties of moundmen in the establishment
		us, to the best of our skill and ability, in the survey of
	nand W. Bdys of Ip. 9 S.	
	•	Moundman.
		, Moundman.
	Subscribed and sworn to before me this 2	•
	day of October, 1906	of P
	*************************************	M. G. Vower
	(A) SEAT (M) N来来来来	
	J. G. G. Halter	
	q	erform the duties of axmen in the establishment of corners
-	and other duties, according to instructions given	n us, to the best of our skill and ability, in the survey of
	nand H. Bdys of Tp 9 1	· · · · · · · · · · · · · · · · · · ·
		J.G., Walter Axman.
		, Axman.
	Subscribed and sworn to before me this 2	
	day of October, 1906	
٠	day 01	J. G. Power
	SEAL	
	**************************************	Wigner grand and constrained and the constrain
	I, Charles Meadmon	do solemnly swear that I will well and truly
	±	ructions given me, to the best of my skill and ability, in the
N.	-survey of Nand W. Bdys of	7/2 9 A., R. 32 E.
		E harles . meadmore, Flagman
	Subscribed and sworn to before me this	, Flagman
		}
	day of October, 190 6	We G Process
		Larten Prictice Winne University and State of the
	R SEAL R	ere en de la composition della
	0 111	

Resurvey of the North and WEST Boundaries and Survey of the Subdivisional lines of Tp. 9 S., R. 32 E. (WEST Boundary).

BOOK 1913 Returning to the corner of Tps. 9 and 10 S., Rs. 31 and 32 E., recently re-established by me, I proceed to test the alignment and position of the WEST Boundary of the Tp. Chs. Oct. 4th, 1906- Survey executed with a W.& L. B. Gurley Light Mountain Transit No. 1900 Bwith solar attachment, two plate verniers reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. I examine the adjustments of the instrument and find them satisfactory; then, to test the Solar apparatus by p. m. and a. m. observations on the Sun checked with an observation on Polaris.

At the cor. of Tps. 9 and 10 S., Rs. 31 and 32 E., at 2 hours, 41 minutes, p. m., 1. m. t., I set off 32° to 36' N., on the Lat. arc., 04° 14' S., on the decl. arc, and determine a meridian with the Solar, marking a point thereof on a stone firmly set 5 chs. N. of the corner. Oct. 4th, 1906.

Oct. 4th 1906- At 06 hours, 30 mins., p. m., 1. m. t., by my watch which has correct 1. m. t., I observe Polaris at Eastern Elongation, in accordance with instructions found in the Manual and mark a point thereof on a plug firmly set in the ground 5 chs. N. of my station.

Oct. 5- At 7 a. m., l. m. t., I lay off the azimuth of Polaris 1° 25' to the west, and mark the meridian thus determined by cutting a groove in the stone set yesterday, on which the meridian falls .4 ins. east of the mark determined east of the mark determined

At 7 hs. 15 mins., a. m., 1. m. t., I set off 32° 36' N., on the Lat. arc; 04° 28' S., on the decl. arc and determine a meridian with the Solar, which mer. falls .2 ins., east of the meridian determined by observation on Polaris.

The solar apparatus defines by p. m. and a. m., observations a meridian practically coincident with Polaris meridian, hence I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7 h. 35m a. m., properly reduced is 120 30' E.

From the Tp. corner just mentioned, I run North on a random lines on the west boundary of Tp. 9 S., R. 32 E., Delapitated mound of stones 15 lks. W.

Mound of stones, and volcanic rock, with 5 grooves on N.

1 on the S. lying on the ground.
A volcanic rock, 14 x 12 x 8 ins., surrounded by a mound

of stones 28 lks. W. marked 1/4.

Decayed post lying on the ground with marked obliterated.

A Volcanic rock, loosely set, mkd. 1/4 20 lks. E.

A volcanic rock, 10 x 9 x 8 ins., loosely set, with 3
grooves on N. and S. edges bears 10 lks. E.

A rock set in a mound of stones 14 lks. W. no marks.

A rock, loosely set in the ground with 2 grooves on N. and 4 grooves on S. edges, 12 lks. W.

A rock in a delapitated mound of stones mkd. 1/4 15 lks. E.

A rock mkd. 1/4 in a mound of stones 16 lks. E. Could find no trace of cor. of secs. 1, 6, 7 and 12. An old 2 x 2 inch stake, with roman numerals, surrounded by a faint mound of earth, with marks partly obldterated The corner of Tps. 8 and 9 S., Rs. 31 and 32 E.

I re-establish this corner in the same place as follows-

Set a malpais stone, 28 x 16 x 16 ins., 21 ins., in the ground for the cor. to Tps., 8 and 9 S., Rs. 31 and 32 E., marked with 6 grooves on the N. E. S. and W. edges, and 9 S., on the S. W. and raise a mound of stones, 4 ft. base, 2 ft. high, S. of the corner. Pits impractical got. 5th, 1906. Pits impracticable.

by the solar.

39.95 80.25

128.00

160.25 195.80 239.73

280.10 319.65

360.30

439.90

480.

2

2.

```
Oct. 6th, 1906.
                                                   At the corner to Tps. 8 and 9 S., Rs.
                 31 and 32 E., just re-established by me, at 7 hs.
50 a. m., 1. m. t. I set off 52 41 75, on the natl.
arc; 94 53 5, on the decl. arc and determine a meridian
                 with the Solar.
                          Thence South on a true line, re-establishing the
                 west boundary of the Township, inasmuch as the corners
                 are poorly set, delapitated, lost or out of alignment
                 and position.
                 Over level land through greasebrush.
                 Leave brush bearing N. E.
15.00
17.00
                 Dry wash, 10 lks. wide, course N. E.
                 Dry wash, 10 lks. wide course N E
21.65
                 Dry wash 30 lks. wide course easterly.
Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face,
28.40
40.00
                 and raise a mound of stones 2 ft. base, 1 1/2 ft. high,
                 W. of the corner. Pits impracticable.
                 Dry wash, 30 lks. wide, course N. E.
46.90
                 Dry wash, 30 lks. wide, course N. E.
Dry wash, 10 lks. wide, course N. E.
Dry wash, 10 lks. wide, course E.
Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections, 1, 6, 7 and 12,
mkd. with 1 groove on the N. and 5 grooves on the S. edges dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist.
and raise a mound of earth 4 ft. base, 2 ft. high, W. of
 65.50
 73.00
 80.00
                  the corner.
                  Land level and gently rolling.
                  Soil sandy loam gravelly and stony; 2nd, 3rd and 4th rate.
                  No timber. Undergrowth greasewood.
                  South bet. secs. 7 and 12. Over level land.
                 Dry wash, 20 lks. wide, course E. N. E.
Dry wash, 10 lks. wide, course N. E.
Set a malpais stone, 18 x 10 x 7 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 1/4 on the W. face; dig
pits, 18 x18 x 12 ins., N. and S. of stone, 3 ft. dist.
aaddraise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high
   22.70
   39.20
   40.00
                 W. of the corner.
Enter dense greasewood.
Leave dense greasewood brush bearing to the N. E. and
  67.00
  76.00
  79.00
                  Ridge bearing E. and W. and descend.
                 Set a volcanic stone, 18 x 10 x 8 ins., 12 ins., in the ground for the corner to secs. 7, 12, 13 and 18, mkd. with 2 grooves on the N. and 4 grooves on the S. edges, with a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impractivable.
  80.00
                 Land level and gently rolling.
Soil sandy loam gravelly nd stony, 2nd 3rd and 4th rate.
                 No timber undergrowth greasewood.
                  South bet. secs. 13 and 18.
                  Over rolling land descending.
                 Fook of gentle slope to the N. E. Dry wash, 15 lks. wide, course N. E. ascend. Top bears E. and W.
    5.00
    7.20
  20.00
  29.00
                 Descend.
                 Foot bearing E. and W. thence over level land.

Set a malpais stone, 21 x 8 x 8 ins., 16 ins., in the
ground for 1/4 sec. cor. marked 1/4 on the W. face: dug
pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
  36.00
  40.00
                 high, W. of the corner. Road course N. E.
    42.05
    48.50
                 Dry wash, 25 lks. wide, course E.
                 Dry wash, 25 lks. wide, course E. Dry wash, 4 0 lks. wide, course N. E. Dry wash, 40 lks. wide, course N. E.
    62.03
   64.20
66.70
   70.50
                 Ascend.
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Chs.
  77.40
              Ridge bearing E. and W. and descend.
  79.00
              Foot E. and W.
             Set a malpais stone, 18 x 14 x 12 ins., 12 ins., in the ground for the corner to secs. 13, 18, 19 and 24, marked with 3 grooves on the N. and S. edges, with a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner.
  80.00
             Pits impracticable.
             Land rolling and level.
              Soil sandy loam.
              Soil stony; 2nd, 3rd and 4th rate.
             South bet. secs. 19 and 24. Over level land.
             Dry wash, 15 lks. wide, course N. W. and ascend.
  10.15
  22.05
             Ridge bearing E. and W. and descend. Dry wash, 20 lks. wide, course N. E.
  26,60
  32.65
             Ridge bears E. and W. and descend.
             Dry wash, 40 lks. wide, course E. and ascend. Set a volcanic stone, 18 x 10 x 7 ins., 12 ins., in the ground for 1/4 se.c cor. marked 1/4 on the W. face, and
 39.50
 40.00
             raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Enter dense greasewood bearing E. and W.
 42.00
             Top bearrs E. and W.
 46.00
 59.00
             Begin steep descent.
             Enter draw bearing E. leave undergrowth.
 62.00
 74.
             Leave draw and ascend.
            Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections 19, 24, 25 and 30, marked with 2 grooves on the S. and 4 grooves on the N. edges, and raise a mound of earth 4 ft. base, 2 ft. it. high, W. of the corner. Phig phts, 18 x 18 x 12 ins., in
 80.00
             high, W. of the corner. each sec. 5 1/2 ft. dist.
             Land rolling and level.
             Soil sandy and gravelly; 3rd and 4th rate.
             No timber. Underbrush greasewood and yucca.
             Dense underbrush, 20.00 chains.
             South bet. secs. 25 and 30.
             Over rolling land.
  2.00
             Enter dense brush bearing E. and W.
 23.10
             Descend abruptly 40 feet.
23.40
            Enter dry wash, course E. Leave wash and ascend.
27.70
 32.00
            Top bearing N. E.
             Set a malpais stone 20 x 14 x 8 ins., 15 ins., in the
 40.00
            ground for 1/4 sec. cor. marked 1/4 on the W. face; and
            raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W.
            of the corner.
                                   Pit impracticable.
  55.00
            Descend to the N. E.
            Dry wash, 2.00 chains wide, course N. E. and ascend.
  58.40
65.00
            Top bearing N. E. and descend.
            Dry wash, 10 lks. wide, course N. E. Set a malpais stone, 2I x 12 x 10 ins., 16 ins., in the ground for the corner to sections 25, 30, 31 and 36, marked with 5 grooves on the N. and 1 groove on the S.
  77.10
  80.00
            edges, dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft.
            high, W. of the corner.
            Land rolling and level.
            Soil sandy and gravelly, 3rd and 4th rate,
            No timber. Underbrash, greasewood, tesotilla and yucca.
           Dense underbrush- 50.70 chains.
            South bet. secs. 31 and 36.
            Descending gradually.
 8.20
           Dry wash, 15 lks. wide, course N. E.
10.00
           Begin steep ascent.
33.70
           Top and descend.
40.
           Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the
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BOOK 1913
 Chs.
                ground for 1/4 sec. cor. marked 1/4 on the W. face, and
                raise a mound of stones 2 ft. base, 1 1/2 ft. high, W.
                of the corner. Pits impract.
                Dry wash, 15 lks. wide, course N. E.
 49.00
                Ridge bears E. and W. and descend.
The corner to Tps. 9 and 10 S., Rs. 31 and 32 E., previously
 62.00
 80.00
                re-established by me.
                                                                                 Oct, 6th, 1906.
                     Re-survey of the North boundary of Tp. 9 S., R. 32 E.
                Oct. 7th, 1906- I return to the corner of Tps. 8 and 9 S., Rs. 31 and 32, and proceed to test the alignment and position of the North boundary of this Tp.
              At 7hours, 18 mins., a. m., 1. m. t., by my watch which has correct 1. m. t., I set off 32° 41' N., on the Lat. Arc. 05° 15'/S., on the decl arc and determine a meridian with the Solar, thence I run, EAST bet. secs.
              6 and 31.
              Over level land through greasewood brush.
  17.00
              Leave brush bearing N. E.
              Dry wash, 15 lks. wide, course N. E. Dry wash 10 lks. wide, course N. E. Find no traces of old 1/4 Sec. cor.
  24.20
  36.90
  40.00
                                                                                   Set temp. stake.
  56.20
              Dry wash, 60 lks. wide, course N. E.
              Road bears N. and S. Fall, 10 lks. N. of old sec. cor. and undersized stone
  68.30
  80.20
              with proper grooves in a delapitated mound of stones.
              I reset this corner in the original place by setting a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for the corner to sections 5, 6, 31 and 32, marked with 1 groove on the W. and 5 grooves on the E. edges; dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W of the corner
              high, W. of the corner.
             The course of this line bet. secs. 6 and 31 being $\\\
89\cappa 56' \tau., I return to the temp. stake previously set by me at 40. chain pount, and on a course $\text{S}. 89\cappa 56' E., from the Tp. Corner, 40.10 chs. dist. I establish 1/4 sec. cor. bet. secs. 6 and 31 as follows-
             Set a malpia stone, 18 x80 x 6 ins., 12 ins., in the ground marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of
              the corner.
          ./Land level.
              Soil gumbo and sandy, 2nd, 3rd and 4th rate.
              No timber.
              Brush greasewood.
              From the corner of sections 5, 6, 31 and 32, I run, EAST, on a true line bet. secs. 5 and 32.

Over level land.
   2.50
              Dry wash, 15 lks. wide, course N. E.
   5.90
             Road bears N. and S.
             Dry wash, 15 lks. wide, course N. E. Dry wash, 15 lks. wide, course N. E.
 10.42
 15.40
             Ranch house 20. chs. N. Intersect fence bearing N. and S. Cor. of fence bears
 17.00
 20.06
              46 lks. S.
             Wire fence bears N. and S. Dry wash, 15 lks. wide, course N.
 36.66
 37,30
             Ranch house 25 Chs. N.
 38.00
             Ranch house 30. chs. N.
 39.80
 40.00
              Find no traces of old 1/4 sec. cor.
```

Set a stake on line.
40.20 Wire fence bears N. and S.
43.00 Ranch house 30. chs. N.

46.12 Middle of irrigating canal, 20 lks. wide, 2 ft. deep, course

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Continued.
  uns.
               N. N. W.; thence westerly.
               Wire fence bears N. E. and S. W.
 56.00
               Ditch 8 lks. wide, course N. E. and enter lane.
 56.40
 56.50
               Shed 2.00 chs. S.
 57.30
                D. E. Wilkins house 170 lks. S.
 70.40
               Telegraph line N. W.
               Single track of the Arizona and New Mexico R. R. course
 71.28
               Leave lande.
 72.00
               George Gale's ranch house bears 10. chs. N.
               Enter road bearing E. and W.
              Bridge across R. R. wash, 80 lks. long. Fall 25 lks. Of corner point of secs. 4, 5, 32 and 33, Which point falls in road, on the south end of a small bridge over an irrigating ditch course N. This corner
 79.00
 80.49
              point was given me by several settlers, who had buried a large boulder to mark the point where the old sec. corner stood. I verified this point by running a line
               South 80.00 chains from the corner of sections 28, 29,
              32 and 33 of Tp. 8 S., R. 32 E.
              From the corner point, a corner of fences bears
N. 48 lks. and S. 38 lks. dist.

As the township line E. and W. of this point is tra
versed by a wagon road E. and W. and not suitable for
              the constructions of a witness corner to perpetuate the
              corner point within the allowable limits, I Offset
              North 80 links from cor. point and establish a witness corner to the corner of sections 4, 5, 32 and 33, as
             · follows.
                       Set a malpais stone, 18 x 12 x 9 ins., 12 ins., in
              the ground, with 2 grooves on the W. and 4 grooves on the E. edges, and W. C. on the S. edge, dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound
              of earth 4 ft. base, 2 ft. high, W. of the corner.
                       I then return to the point previously set by me,
              40. chains E. of the corner of secs. 5, 6, 31 and 32, and on a course S. 89° 49' E., from the corner of said sections 40. 25 chs. dist. I establish 1/4 sec. cor. bet.
              secs. 5 and 32 as follows-
             A malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground marked 1/4 on the N. face; and raised a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner Land level and gently rolling. Pits impracticable.
              Soil clay and sandy, 2nd and 4th rate.
              No timber.
                                                                         Oct,,7th, 1906.
                                                                                             Oct.
             At the corner point of secs. 4, 5, 32 and 33, July 8th, at 7 hours, 19 mins., a. m., 1. m. t., I set off 32° 41' N. on the decl. are 05° 38' S., on the Lat. are and determine a meridian with the colon, thereas I min
              mine a meridian with the Solar, thence I run,
             EAST, bet. secs. 4 and 33.
Over level land in County road.
19.25
              Irrigating Ditch 19 1ks. N.
23.00
34.00
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38.70 39,60 40.06

5.

Ranch house 10. chs. N.
Ranch house 12.00 chs. N.
FrnakinnSchool House 120 lks. N. Irrigating Ditch 8 lks. N.
In road. This point was indicated to me by old settlers

as the point where the old 1/4 sec. cor. stood, and was perpetuated by a boulder. The old 1/4 sec. cor. having been originally a stake 2 x 2 ins., 2 ft. long.

Inasmuch as a well traveled road runs east and west

from the 1/4 sec. cor. point beyond the allowable limits for establishing a witness corner on line, I offset 66 lks. N. where I establish a witness 1/4 sec. cor. to secs. 4 and 33 as follws-

A malpais stone, 20 x 8 x 5 ins., set 15 ins., in the ground marked 1/4 on the N. face, and W. C. on S. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. h high.

Resurvey of the North boundary of Tp. 9 S., R. 32 E. Concluded.

BOOK 1913

H 6.

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Whence,
A Cottonwood, 5 ins., in diam. bears S. 55° 30' W.
 Chs.
             180 lks. dist.
             From corner point In road, EAST, bet. secs. 4 and 33.
             David Campbell's Ranch house bears 30. chs. S.
 55.06
             Frame house 120 1ks. N.
 73.32
              Granary 3.00 chs. N.
 74.60
             River boulder buried in road 8 lks. S. which was pointed
 79.20
              out to me by two old settlers, a Thos: Nations, and
              Fee Moyeras the place where the old sec. cor. a post,
              formertyly erected and stood.
                     As it is impossible to establish a corner at this
              point on account of road I continue my line East, and at Leave road and set A malpais stone, 18 x 14 x 8 ins., 12
79.50
              ins., in the ground for witness corner to the corner of sections 3, 4, 33 and 34, marked with 3 grooves on the E.
              and W. edges, and W. C. on the W. Dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of the corner. Course of line bet. secs. 4 and 33 last 1/2 mile, 5.
              89° 57' E.
                                 Soil sandy and gumbo, 3rd and 4th rate.
              Land level.
              No timber.
              From cor. point to secs. 33, 34, 3 and 4, I run East,
              bet. secs. 3 and 34. Over level land.
   .30
              Witness Corner and leave road.
              Wire fence running N. and S.
   .46
              Thos Nations house 4. chs. N. J. D. Hughes house 40 lks. N.
 1.60
19.20
28.70
              William Gales house 26.00 chs. S.
              Fall 4 lks. S. of old 1/4 sec. corl to secs. 3 and 34, and old post and marked stone at intersections of 4
39.69
              wire fences. Reset corner at same point as follows-
              A malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 2 ft. high,
               N. of the corner.
              Reuben Gales house 20. chs. S.
  40.
               Left bank of Gila River running N. 20° 22' W., and S.
  55. 40
               20° 22' E.
                       At this point, I set Witness corner to the closing
               corner of Fracl. Tps. 8 and 9 S., R. 32 E., as follows
A malpais stone, 24 x 14 x 12 ins., 18 ins., in the
ground marked with 4 grooves and W. C. C. C. ARIZ. on the
W, 6 grooves on the N. and S. and N. M. on the E. faces,
               dug pits, 30 x 24 x 12 ins., Crosswise on each line, N. and S. 4 ft. dist. and west of stone 8 ft. dist. and raise a mound of earth 5 ft.base 2 1/2 ft. high, W. of
               the corner.
                       Thence In River Bed.
               D. Elledges' house bears 6 chs. S.
  78.00
               Intersect the Arizona and New Mexico Territoeial Boundary
   79.70
               line at a point 20.96 chs. S. of the 297 Mile Monument.
                        This point falls on Right Bank of th Gila River,
               subject to overflow, hence the necessity for establish ment of the witness corner.
                                      Soil sandy loam, 1st, and 2nd rate.
               Land level.
                Timber cottonwood and willow in River bottom.
                                                          oct.,8th, 1906.
              SUBDIVISIONAL LINES OF FRACL. TO 9 S., R. 32 E.

Oct., 9th, 1906- At 7 a. m., 1. m. t., 5, 6, 31 and
32, on the South boundary of the Tp., I set off 32° 36'
N., on the Lat. Arc; 25° CL' S., on the decl. arc and
determine a meridian with the Sclar; thence I run,
N. 0° 01' E., on a true line, bet. secs. 31 and 32.

Over gently rolling land.
  15.00
                Enter dense brush bearing N. E.
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Chs.
            Dry wash, 20 lks. wide, course N. E. Dry wash, 20 lks. wide, course E. Dry wash, 15 lks. wide, course E.
 16.60
 22.40
 37.75
             Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the
 40.00
             ground for 1/4 sec.cor. marked 1/4 on the W. face, and
             raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W.
             of the corner. Pits impracticable.
 46.42
             Dry wash, 15 lks. wide, course E.
            Dry wash, 15 lks. wide, course E. Dry wash, 15 lks. wide, course E.
54.80
57.90
            Leave dense brush, E. and W. and over level land.
75.00
            Set a malpais stone, 20 x 12 x 12 ins., 15 ins., in the ground for the corner to sections, 29, 30, 31 and 32, marked with, 1 groove on the S. and 5 grooves on the E.
80.00
            edges and raise a mound of stones, 2 ft. base, 1 1/2 ft
            high, W. of the corner. Pits impracticable. Land gently rolling and level. Soil gravelly and stony; 3rd and 4th rate.
                                Undergrowth greasewood, tesotilla, ucca and
            No timber;
            cacti.
            Dense undergrowth, 60.00 chains.
            WEST, on a random line bet. secs. 30 and 31.
40.
            Set temp. 1/4 sec. cor.
            Intersect the W. boundary of the Tp. at a point 42 1ks.
80.40
            No of the corner to sections, 25, 30, 31 and 36, pre-
            viously described by me.
            Thence I run,
N. 89° 42' E., on a true line bet. secs. 30 and 31.
12.20
            Enter dry wash course East.
            Leave dry wash, course N. E.

Dry wash, 10 lks. wide, course N. E.

Set a malpais stone, 18 x 12 x 10 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and
23.00
35.30
40.20
            raise a mound of stones 2 ft. base, 1 1/2 ft. high, N.
            of the corner. Pits impracticable. Draw, 120 lks. wide course N E.
53.70
65.95
            Dry wash, 20 lks. wide, course N. E.
69.05
            Over level land.
75.00
            Leave dense brush, N. and S.
80,40
            The corner to sections, 29, 30, 31 and 32.
            Land rolling and level.
           Soil sandy loam, gravelly and stony, 3rd and 4th rate.
No timber. Undergrowth, greasewood, yucca, tesotilla, pal
            seco and cactus.
           Dense undergrowth, 75.00 chains.

At 12 0 clock noon, at this corner, by my watch, which has correct local mean time, I observe the Sun on the Meridian, by setting off 06° 07' S., on the decl.
           arc, the resulting latitude is 32° 37' N.
           N_{\bullet} 0° 01' E_{\bullet}, bet. secs. 29 and 30.
           Over level land.
 10.00
           Ascend slope, E. and W.
 14.30
           top of ridge bears E. and W. and descend.
 18.00
           .Foot; thence over gently rolling land.
           Dry wash, 10 lks.wide, course N. E.
 33.50
34.10
           Land becomes very level.
           Set a malpais stone 21 x 6 x 6 ins., 16 ins., in the ground for the 1/4 sec. cor. marked 1/4 on the W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner.

Dry wash, 10 lks. wide, course N. E.

Dry wash, 25 lks. wide, course E. and ascend over story.
 40.00
 44.55
70.70
           Dry wash, 25 lks. wide, course E. and ascend over stony
           ground.
           Set a malpais stone, 21 x 8 x 8 ins., 16 ins., in the ground for the corner to sections, 19, 20, 29 and 30,
80.00
           marked with 2 grooves on the 5. and 5 grooves on the E.
           edges, and raise a mound of stones 2 ft. base, 1 1/2 ft.
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Subdivisional lines of Tp. 9 S., R. 32 E.

Continued.

8 BOOK 1913

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Chs.
            high, W. of the corner.
                                                       Pits impracticable.
            Land level. and rolling.
            Soil sandy loam, gravelly and stony, 2nd, 3rd and 4th
            No timber.
                                 Undergrowth scattering greasewood and yucca.
            8. 89° 42' W., on a random line bet. secs. 19 and 30.
            Set temp. 1/4 sec. cor.
Intersect the West boundary of the Tp. at a point 92
40.
80.20
            1ks. S. of the corner to sections 19, 24, 25 and 30,
           Thence I run,

N. 89° 43' E., on a true line, bet. secs. 19 and 30.

Over rolling land through dense greasewood.

Set a malpai stone, 18 x 10 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, & raise a mound of stones, 2 ft. base, 1 1/2 ft. high,
40.10
            N. of the corner.
            Pits impracticable.
            Leave dense brush course N. E.
66.00
            The corner of sections, 19, 20, 29 and 30.
80.20
            Land rolling.
            Soil gravelly and stony, 3 rd and 4th rate.
            No timber.
            Undergrowth, greasewood, yucca and palo santo.
            Dense undergrowth 66.00 chains.
            N. 0° 01' E., bet. secs. 19 and 20.
            Ascending.
           Ridge bears E. and W. and descend.

Foot, bears E. and W. thence over level land.

Dry wash, 10 lks. wide, course N. E.

Drywash, 10 lks. wide, course N. E.

Set a malpai stone, 20 x 8 x 6 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
 7.10
11.00
11.65
20.90
40.00
            high, W. of the corner.
            Dry wash, 30 lks. wide, course N. E.
49.50
66.70
            Dry wash, 15 lks. wide, course E.
            Leave level and over rolling land.

Set a malpais stone, 21 x 10x 10 ins., 16 ins., in the ground for the corner to sections 17, 18, 19 and 20, marked with 3 grooves on the S. and 5 grooves on the E.
74.00
80.00
            edges and raise a mound of stones 2 ft. base, 1 1/2 ft.
            high, W. of the corner.
Pits impracticable.
Land level and rolling.
            Soil sandy loam, gravelly and stony, 2nd, 3rd and 4th
            rate.
            No timber.
                                                                Oct.,9th, 1906.
            Oct, 10th, 1906, at 7 hours, 44 minutes, a. m., 1. m. I set off 32° 38', N., on the Lat. Arc; 06° 25' S., on
                                                                                                  1. m. t.,
            the decl. arc and determine a meridian with the Solar
            at the corner of sections 17, 18, 19 and 20. Thence I run, S. 89° 43' W., on a random line, bet. secs.
            18 and 19.
            Set temp. 1/4 sec. cor.
Intersect the West boundary of the Tp. at a point 12
lks. S. of the corner to sections 13, 18, 19 and 24,
Thence I run, M. 89° 48' E., on a true line bet. secs.
40.
79.92
            Over level land through dense brush.
            Enter broken ground. Re-enter level land.
 9.00
35.07
           Set a malpai stone, 18 x 10 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
39.96 v
           N. of the corner.
Leave dense brush.
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9.

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Chs.
             Road bears N. and S. Dry wash, 15 lks. wide, course N. E.
  67.15
  68.85
             Enter rolling land.
The corner of sections, 17, 18, 19 and 20.
Land level rolling and broken.
  73.00
  79.92
              Soil sandy and gravelly, 3rd and 4th rate.
             No timber.
                                   Undergrowth greasewood, yucca, tesotilla
             and palo santo.
             Dense undergrowth 52.00 chains.
             N. 0° 01' E., bet. secs. 17 and 18. Over rolling land.
             Enter level land bearing N. E.
 21.40
             Dry wash, 15 lks. wide, course N. E. Enter gently rolling land bears N. E.
 24.50
 29.00
             Set a malpai stone, 18 x 8 x 6 ins., 12 ins., in the groun for 1/4 sec. cor. marked 1/4 on the W. face, and raise
 40.00
             a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
             Thence over nearly level land.
 73.92
             Wagon road bears N. E.
            Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for the corner to sections 7, 8, 17 and 18, marked with 4 grooves on the S. and 5 grooves on the E. edges and rasse a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
 80.00
            Land nearly level and rolling.
             Soil sandy loam, gravelly and stony, 2nd, 3rd and 4th
             rate.
            No timber.
                                   Undergrowth scattering greasewood, yucca
            and palo santo.
            S. 89° 48° W., on a random line, bet. secs. 7 and 18. Set temp. 1/4 sec. cor.
Intersect the W. boundary of the Tp. at a point, 19 1ks.
N. of the corner to sections 7, 12, 13 and 18, thence
  40.
79.65
            I run,
N. 89° 40' E., on a true line, bet. secs. 7 and 18.
            Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and
39.98
            raise a mound of stones, 2 ft. base, 1 1/2 ft. high,
            N. of the corner. Pits impracticable. Enter level land. Dry wash, 40 lks. wide, course N. E. The corner to sections, 7, 8, 17 and 18.
72.04
73.45
79.85
            Land rolling and level.
            Soil gravelly and stony; 3rd and 4th rate.
            No timber.
                                 No brush.
            N. 0° 01' \mathbb{E}_{\bullet}, bet. secs. 7 and 8.
            Over level land.
           Dry wash, 50 lks. wide, course N. E. Dry wash, 35 lks. wide, course E. and enter rolling land. Enter draw course E.
17.65
23.60
35.00
36.40
           Dry wash, 8 1ks. wide, course E.
38.90
           Dry wash, 10 lks. wide, course E.
           Set a malpais stone, 20 x 6 x 6 ins., 15 ins., in the ground for the 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2
40.00
            ft. high, W. of the corner.
           Leave draw.
42.04
           Enter nearly level land.

Dry wash, 10 lks. wide, course N. E. Wagon road bears N. N. W.
60.00
63.92
75.20
           Set a malpais stone, 21 x 10 x 8 ins., 16 ins., in the ground for the corner to sections, 5, 6, 7 and 8,
80.00
           marked with 5 grooves on the E. and S. edges, dug pits, 18 x18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the cor.
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Chs.	Land nearly level. and rolling. Soil gravelly stony and gumbo, 2nd, 3rd and 4th rate. No timber. Brush scattering yucca.	
40. 80.07	S. 89° 40 W., on a random line, bet. secs. 6 and 7. St. temp. 1/4 sec. cor. Intersect the N. and S. line, at a point, 181 lks. S. of the corner to secs. 1, 6, 7 and 12, thence I run, N. 89° 48' E., on a true line, bet. secs. 6 ad 7. Over nearly level land.	
26.45 40.03	Dry wash, 40,1ks. wide, course N. E. Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth and stone, 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner.	
73.95 79.24 80.07	Drw wash, 10 lks. wide, course N. E. Road bears N. and S. The corner of sections, 5, 6, 7 and 8. Land nearly level. Soil gumbo, sandy and gravelly, 2nd and 3rd rate. No timber.	
40. 79.87	N. 0° 01' E., on a random line, bet. secs. 5 and 6. Set temp. 1/4 sec. cor. Intersect the N. bdy. of Tp. at a point, 10 lks. W. of the corner to secs. 5, 6, 31 and 32, Thence I run, S. 0° 5' W., on a true line, bet. secs. 5 and 6. Over nearly level land.	
.75 38.45 39.87	Dry wash, 15 lks. wide, course easterly. Road bears N. E. Set a malpais stone, 18 x 8 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist.	, /
48.75 50.80 57.05 79.87	and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner. Dry wash, 15 lks. wide, course N. E. Dry wash, 20 lks. wide, course N. E. The corner to sections, 5, 6, 7 and 8. Land nearly level. Soil gumbo and gravelly. No timber.	
18.10 40.00 59.00 80.00	Oct, 11th, 1906- At 7 hours, 15 mins., a. m., 1. m. t., I set off 32° 36' N., on the Lat. Arc; 06° 46' S., on the Decl. arc and determine a meridian with the Solar at the corner to secs. 4, 5, 32 and 33, on the S. bdy. of the Tp. Thence I run, N. 0° 01' E., bet. secs. 32 and 33. Over gently rolling land through dense greasewood. Draw, 2.00 chains, wide, course E. by N. E. Set a malpais stone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Dry wash, 20 lks. wide, course Northeast. Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for the corner to sections 28, 29, 32 and 33, marked with 1 groove on the S. and 4 grooves on the E. edges and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. Pits impracticable. Land gently rolling. Soil gravelly and stony; 3rd and 4th rate. No timber; Undergrowth greasewood, tesotilla and yucca Dense underbrush 80 chains.	•
40. 80.06	WEST, on a random line, bet. secs. 29 and 32. Set temp. 1/4 sec. cor. Intersect the N. and S. line at the corner to secs. 29, 30, 31 and 32, thence I run, EAST, on a true line, bet. secs. 29 and 32.	

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	Chs. 19.94 21.80 40.03	N. E. End of a ridge descend. Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high	
	70.30 80.06	N. of the corner. Pits impracticable. Descend. Draw, 1.00 chain wide, course N. E. The corner of sections, 28, 29, 32 and 33. Land level. and rollng. Soil gravelly and sandy; 3rd and 4th rate. No timber; undergrowth greasewood, yucca and palo santo with some tesotilla. Dense undergrowth 60.00 chains.	
`		N. 0° 1' E., bet. secs. 28 and 29.	
	14.00 34.00 37.00 40. 42.20	Over rolling land through dense greasewood. Enter draw bears N. Enter valley bears N. E. and descend, leave dense greaseword. Dry wash, S. bank, course N. E. Point for 1/4 sec. cr. falls in wash. Set a malpai stone, 18 x 8 x 8 ins., 12 ins., in the graund for witness corner to the 1/4 sec. cor. marked W. C. 1/4 on the W. face, and raise a mound of stones,	rood.
	75.00 80.00	2 ft. base, 1 1/2 ft. high, W. of the corner. Pits import Dry wash, 10 lks. wide, course N. E. Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for the corner to sections, 20, 21, 28 and 29, marked with 2 groobes on the S. and 4 grooves on the E. edges; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.	ac
,	-	Land level and rolling. Soil gumbo, gravelly and stony, 2nd, 3rd and 4th rate. No timber. Undergrowth, greasewood, tesotilla, yucca, and palo santo, Dense Undergrowth 34.00 chains.	3
	4 0. 80. 00	WEST, on a random line, bet. secs. 20 and 29. Set temp. 1/4 sec. cor. Intersect the N. and S. line, at a point 4 lks. N. of the corner to sections 19, 20, 29 and 30, thence I run, N. 89° 58' E., on a true line, bet. secs. 20 and 29.	
	15.15	Over level land. Dry wash, 10 lks. wide, course S. E. and enter gently rolling land.	
	40.00	Set a malpais stone, 20 x 8 x 6 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, N. of the corner. Pits impracticable.	
T.	75.00 80.00	Dry wash, 50 lks. wide, courseEN.E. The corner to sections 20, 21, 28 and 29. Land gently rolling and level. Soil sandy loam gravelly and stony; 2nd, 3rd and 4th rate. No timber. Undergrowth, scattering yucca, and palo san	ito.
	2.10 5.70 27.10 36.00 40.00	N. 0° 01' E., bet. secs. 20 and 21. Over level land. Dry wash, 40 lks. wide, course easterly. Top of knoll. Enter gently rolling aand to the S. E. Enter level land bearing E. and W. Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the	
	75.00 80.00	ground for 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner. Enter dense palo santo underbrush. Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the ground for the cor. to secs. 16, 17, 20 and 21, mkd.	

BOOK 1913 continued. with 3 grooves on the S. and 4 grooves on the E. edges, Chs. and raise a mound of stones, 2 ft. base, 1 1/2 ft. high.
W. of the corner. Pits impract. Land level and gently rolling. Soil gumbo, sandy, graelly and stony, 2nd, 3rd and 4th No timber; Undergrowth palo santo and yucca. Dense brush, 5.00 chains. S. 89° 58' W., on a random line, bet. secs. 17 and 20. Set temp. 1/4 sec. cor.
Intersect the N. and S. line, at a point 4 lks. S. of the cor. to secs. 17, 18, 19 and 20, thence I run, EAST, on a true line, bet. secs. 17 and 20. 40. 79.96 Over gently rolling land through palo santo brush. Dry wash, 15 lks. wide, course N. E. Set a malpais stone, 18 x 10 x 6 ins., 12 ins., in the 39.20 39.98 ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, N. of the corner. Pits impracticable. Dry wash, 40 lks. wide, course N. N. Dry wash, 20 lks. wide, course N. E. Dry wash, 10 lks. wide, course N. E. The cor. to secs. 16, 17, 20 and 21. Land level and gently rolling. 43.10 50.30 60.50 79.96 Soil sandy loam; gravelly and stony, 2nd, 3rd and 4th rate. Undergrowth palo santo and yucca. No timber. Dense undergrowth, 80000chs. N. 0° 01' E., bet. secs. 16 and 17. Over nearly level land through dense brush. Leave dense brush, bears N. E. 10.00 Set a malpais stone, 18 x 12 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high 40.00 Pits impract. W. of the corner. Dry wash, 8 lks. wide, course Easterly. 46.30 Dry wash, 30 lks. wide, course easterly.

Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections 8, 9, 16 and 17, marked with 4 grooves on the S. and E. edges; and raise 79.40 80.00 a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Soil gumbo, sandy and gravelly, 2nd, 3rd Land level. and 4th rate. No timber. Undergrowth palo sant and yucca. Dense undergrowth, 10.00 chains. Oct, 11th, 1906. Oct. 12th, 1906, At 7 hours, 11 minutes, a. m., 1. m. by my watch which is correct, I set off 32° 39' N., on the Lat. arc; 07° 09' S, on the decl. arc and determine a meridian with the Solar, at the cor. of secs. 8, 9, 16 and 17, thence I run, WEST, on a random line, bet secs. 8 and 17. Set temp. 1/4 sec. cor. Intersect the N. and S. line, at a point 5 lks. S. of the corner of secs. 7, 8, 17 and 18, thence I run, S. 89° 58' E., on a true line, bet. secs. 8 and 17. Road northeasterly. 40. 79.92 Road northeasterly. 1.07 Dry wash, 15 1ks. wide, course N. E. Set a malpais stone, 21 x 10 x 5 ins., 16 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high 34.76 39.96 63.10 71.90

N. of the corner. Pits impracticable. Dry wash, 10 lks. wide, course N. E. Dry wash, 15 lks. wide, course N. E. The cor. to secs. 8, 9, 16 and 17. 79,92 Land nearly level. Soil sandy loam; gravelly and stony, 2nd, 3rd and 4th rate, No timber.

```
BOOK 1913
               N. 0° 01' E., bet. secs. 8 and 9.
 Chs.
               Over level land.
               Dry wash, 25 lks. wide, course N. E.
 29.30
 31.00
               Ascend.
              Ridge bears E. and W. and descend. Foot, thence over level land.
 34.05
 39.98
              Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; and
 40.
              raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
              W. of the corner. Pits impracticable.

Dry wash, 10 lks. wide, course easterly.

Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections 4, 5, 8 and 9, marked with 5 grooves on the S. and 4 grooves on the E.
 76.35
 80.00
              edges and raise a mound of stones, 2 ft. base, 1 1/2 ft.
              high, W. of the corner.
Land level and rolling.
                                                        Pits impract.
              Soil gumbo, gravelly and sandy, 2nd, 3rd and 4th rate.
              No timber.
              N. 89° 58' W., on a random line bet. secs. 5 and 8.
              Set temp. 1/4 sec. cor.
 40.
              Intersect the N. and S. line, at the corner of secs. 5, 6, 7 and 8, thence I run,
 79.90
             S. 89° 58' E., on a true line bet. secs. 5 and 8.

Dry wash, 15 lks. wide, course N. E.

Dry wash, 20 lks. wide, course N. E.

Set a malpais stone, 18 x 10 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high,
  9.30
 26.70
39.94
             N. of th corner. Pits impracticable. Beg. grad. desc. Dry wash, 15 lks. wide, course N. E. Dry wash, 35 lks. wide, course N. E.
49.70
52.50
56.15
              Dry wash, 15 lks. wide, course N. E.
              Dry wash, 15 lks.wide, course N. E.
58.60
              Foot.
65.00
69.90
              Small dry wash, course N.
              The corner to secs. 4, 5,
79.90
                                                          8 and 9.
              Land nearly level and rolling.
              Soil gravelly and stony, 3rd and 4th rate.
              No timber. Brush scattering yucca.
             N. 0° 01' E., on a true line, bet. secs. 4 and 5.
              Over level land.
 7.00
             Enter dry wash, course Northerly.
             Leave dry wash.

Dry wash, 15 lks. wide, course E.

R. R. wash, 160 lks. wide, course N. N. W.
11.00
13.50
22.07
             Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; and raise a mound of stones 2 ft. base, 1 1/2 ft. high, W.
40.00
             of the corner.
             Channel of railroad wash, 80 lks. wide, course N. N. E.
43.30
             Same 100 lks. wide, course N. W. Middle of Canal, 2 lks. wide, 2 ft. deep, N. W.
46.70
47.90
             Barn 20. chs. E.
Dry wash, 20 lks. wide, course N. N. W.
A. Gillilands house 16.00 chs. E.
48.00
53.50
54.00
             Wire fence E. and W. Wire fence N. 21° 10' W.
54,10
55.38
            Telegraph line course N. 21° 10' W., and S. 21° 10' E. Middle of Single track of Ariona & New Mexico R. R. bears N. 21° 10' W., and S. 21° 10' E.
55.55
57.80
             Wire fence parallels railmoad track.
62.01
            F. Gilliland's house 160 lks. E.

Intersect the N. bdy. of the Tp. 60 lks. N89 two of the indint
for the cor. to secs. 4, 5, 32 and 33.

Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in
the ground for the closing corner to secs. 4745, mkd.
62.35
79.54
             with 4 grooves on the E. and 2 grooves on the W. C. C. on
             the S. faces, and raise a md. of stones, 2 ft. base,
```

1	Chs.	1 1/2 ft. high, S. of the corner.
	Olis.	
1		Land level. Soil gumbo.
		2nd, 3rd and 4th rate.
		No timber.
		Brush scattering greasewood, and palo santo.
		Oct. 12th, 1906.
- 1		
		At the corner of secs. 3, 4, 33 and 34, on the S. bdy.
-		of my dot 12th 1006 of the or when
		of Tp. Oct., 13th, 1906, at 7 hs. 26 mins., a. m.
		1. m. t., I set off 32° 36 N., on the lat. arc. 07° 32
		S., on the decl. arc and determine a meridian with the
		solar thence I run,
	191	
		N. 0° 2' E., bet. secs. 33 and 34.
		Over nearly level land through dense greasewood.
	10.00	Leave dense greasewood bears E. and W.
	37.30	Dry wash, 60 1ks. wide, course Northeasterly.
- 1	40.00	Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the
- 1	20.00	manned for 14 and the manned 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		ground for 1/4 sec. cor. marked 1/4 on the W. face; dug
	, '	pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist.
		and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,
		W. of the corner.
1	80.00	
	50.00	Set a malpais stone, 18 x 10 x 10 ins., 12 ins., in the
l		ground for the corner to sections 27, 28, 33 and 34.
	, .	marked with 1 groove on the S. and 3 grooves on the E.
		edges, dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2
	1	et diet and materia manual and anticolor section of the
		ft. dist. and raise a mound of earth 4 ft. base, 2 ft.
		high, W. of the corner.
	1	Land level. Soil gumbo and sandy, 3rd and 4th rate.
	'	No timber.
		Dense undergrowth, 10.00 chains.
		bonso undergrowth, 10.00 charins.
	ę	WEST, on a random line, bet. secs. 28 and 33.
	40.	Set temp. 1/4 sec. cor.
	80.00	Intersect the N. and S. line at the corner to secs. 28,
		29, 32 and 33.
,		Thence I run, EAST, bet. secs. 28 and 33 on a true line,
		Over level land.
	20.00	Enter rolling ladd and dense greasewood brush.
	40.00	Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the
	10,00	ground for 1/4 con a result of the first time, in the
		ground for 1/4 sec. cor. marked 1/4 on the N. face, and
		raise a mound of stones, 2 ft. base, 1 1/2 ft. high, N.
		of the corner. Pits impracticable.
	64.70	Dry wash, 15 lks. wide, course N.
	80.00	The corner to sections, 27, 28, 33 and 34.
	30.00	Tond molitary and louis, at, so, 33 and 54.
		Land rolling and level.
		Soil sandy, gravelly and gumbo, 2nd, 3rd and 4th rate.
		No timber, undergrowth greasewood, yucca, tesotilla and
		palo santo with some cactus.
	<u> </u>	Dense undergrowth 60.00 chains.
		Torres MINOT BT ON
		TACO on a American description
		EAST, on a true line, bet. secs. 27 and 34.
		Over level land.
	11.60	Dry wash, 70 lks. wide, course Northeasterly.
	22.80	Dry wash, 20 lks. wide, course northerly.
	29.60	Ascend slope bearing N. and S.
	-	Man of the court and and and and an and an and an and an
	31.00	Top of the south end of knoll; descend.
	33.05	Enter Railroad wash, course N. N. W.
	36.70	Leave Railroad wash, course N. N. W.
	40.00	Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the
		ground for 1/4 sec cor marked 1/4 on the W food die
	1.	ground for 1/4 sec. cor. marked 1/4 on the N. face; dig
	1 1 1	pits, 18 x 18 x 12 ins., E. and W. of stone, & ft. dist.
	1 *	and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
	1.50	N. of the corner.
	44.84	Wire fence bears N. 23° W.
	45.80	Telegraph line bears N. 23° W.
	46.28	Side track A & W W D D hooms word w
		Side track, A. & N. M. R. R. bears N. 23° W.
	46.50	Single track of the A. & N. M. R. R. bears N. 23° W. same E.
	48,14	wire lence bears N. 23° W., and S. 23° E.
	49.95	Wagon road bears N. and S.
		Enter dense greasewood bearing N. and S.
	57.00	Enter rolling land bearing N. and S.
	67.70	
	01.10	Dry wash, 15 lks. wide, course N. N. W.
	•	

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Chs.
             Intersect the Boundary line between the Territories of
  79.54
             Arizona and New Mexico, at a point 19.00 chs. S. of
             the 302 Mile Monument, as described by the Surveyor-
             General.
                      Set a malpais stone, 18 x 8 x 6 ins., 12 ins.,
             the ground for the closing corner to sections 27 and
             34, marked with 1 groove on the s_{\star\nu} 5 grooves on the N_{\star}
             and C. C. on the W. faces and raise a mound of stones,
             2 ft. base, 1 1/2 ft. high, W. of the corner.
             Pits impracticable.
             Land level and rolling.
            Soil gumbo, 1st, 2nd, 3rd and 4th rate. Undergrowth, greasewood, palo santo and yucca.
             Dense undergrowth 26.54 chains.
             No. 0° 02' E. bet. secs. 27 and 28.
             Over level land.
  13.15
Dry wash, 15 lks. wide, course northeasterly.
Dry wash, 15 lks. wide, course northeasterly.
Set a malpais stone, 16 x 14 x 10 ins., 11 1/2 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone
3 ft. dist. and raise a mound of earth, 1 1/2 ft. high,
3 1/2 ft. base, W. of the corner.
Enter Railroad wash course northerly.
            Enter Railroad wash course northerly.
55.75
63.41
            Road bears W. N. W.
69.00
            Leave Railroad wash course N. W.
            Set a malpais stone, 18 x 10 x 10 ins., 12 ins., in
80.00
           the ground for the corner to sections 21, 22, 27 and 28, marked with 2 grooves on the S. and 3 grooves on the E. edges dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2
            ft. dist. and raise a mound of earth, 2 ft. base, 4 ft.
            high, W. of the corner.
            Land level.
                                   Soil gumbo and sandy loam, 1st, 2nd, 3rd
            and 4th rate.
                                    No timber.
            Undergrowth, scattering greasewood, sage brush and yucca.
Oct. 13th 906.
            Oct. 14 1906, at8, 42, a. m., l. m. t., I set off 32° 38' / N. on the Datl. arc; 7° 57' Son the decl. arc and determine
            a meridian with the Solar; thence I run,
            WEST, on a random line, bet. secs. 21 and 28. Set temp. 1/4 sec. cor. Intersect the N. and S. line, at a point 2 1/2 lks. N. of the corner to sections 20, 21, 28 and 29, thence I run, N. 89° 59' E., on a true line, bet. secs. 21
40.
80.
            and 28.
           Dry wash, 20 lks. wide, course northerly.
Dry wash, 80 lks. wide, course northerly.
Set a malpais stone, 20 x 6 x 6 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner.

Leave level and over rolling land.
Dry wash 20 lks wide. course N. E.
  4.90
16.00
40.00
50.04
           Dry wash, 20 lks. wide, course N. E. Enter R. R. wash, course Northerly. Leave R. R. wash.
59.50
69.15
76.40
           The corner to sections, 21, 22, 27 and 28. Land level and rolling. Soil gumbo, sandy loam, gravelly, 1st, 2nd, 3rd and 4th rate.
80.00
            No timber.
                              Undergrowth scattering palo santo and yucca.
            EAST, on a true line, bet. secs. 22 and 27.
            Over level land.
            Wire fence bears N. 20° 50' W., and S. 20° 50' E.
 4.26
           Telegraph line bears N 20° W., and S. 20° E.
 5.03
           Single track of the A. & N. M. R. R. bears N. 20° 50'
 5.90
            W., and S. 20° 50' E.
           Wire fance bears N. 20° 50' W., and S. 20° 50' \rm E_{\bullet}
 6.98
15.00
           Begin gradual ascent.
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45-	
Chs.	
21.50	Road bears N. and S.
24.00	Enter dense greasewood bears N. and S.
40.00	Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the
-	ground for 1/4 sec. cor. marked 1/4 on the N. face;
	dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft.
	dist. and raise a mound of earth, 3 1/2 fg. base, 1 1/2
	et bich N (ef the common
EE 60	ft. high, N. of the corner.
55.60	Dry wash, 20 lks. wide, course S. W.
64.00	Leave dense undergrowth bearing northeast.
68.00	Begin steep ascent over broken ground.
79.57	Intersect the Boundary line, oet. the Territories of
	Arizona and New Mexico, at a point, 19.49 chs. S. of
	the \$01 Mile Mon., as des. by the Sur. Genl.
	Set a malpais stone, 18 x 10 x 6 ins, 12 ins., in
	the ground for closing corner to secs. 22 and 27,
1	manked with 2 arrowed on the C 4 on the M and C 4
	marked with 2 grooves on the S. 4 on the N. and C. C.
İ	on the W. faces and raise a mound of stones, 2 ft. base
1	1 1/2 ft. high, W. of the corner. Pits impracticable.
	Land rolling gently level and broken.
	Soil, gumbo, sandy and gravelly loam, 1st, 2nd, 3rd
	and 4th rate.
	No timber: Undergrowth greasewood, yucca and cactus.
	Dense undergrowth 40.00 chains.
:	هن هن هن من هن
	No. 0° 02' E., bet. secs. 21 and 22.
	Over level land.
11.12	Wire fence bears N. 20° 50' W., and S. 20° 50' E.
12.15	Magazinian 1, 93 1, 37 000 mal m
15.40	Single track of the A. & N. M. R. R. bears N. 20° 50'
10.40	
10:00	W., and S. 20° 50! E.
19.29	Wire fence bears N. 20° 50' W., and S. 20° 50' E.
21.00	Dry wash, 15 lks. wide, course N. W.
33.40	Dry wash, 10 lks. wide, course S. W.
40.00	Set a malpais stone, 20 x 10 x 8 ins., 15 ins., in
	the ground for 1/4 sec. cor. marked 1/4 on the W. face;
	dug pits, 18 x 18 x 12 ins., in N. and S. of stone, 3
•	ft. dist. and raise a mound of earth 3 1/2 ft. base.
	1 1/2 ft. high, W. of the corner.
58.85	Dry wash, 10 lks. wide, course N. W.
80.00	Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in the
30.00	around for the corner to coefford 15 16 91 and 99
	ground for the corner to sections 15, 16, 21 and 22,
	marked with 3 grooves on the S. and E. edges, and 9
	S., on the N. E. and 32 E., on the S. E. dug pits, 18
	x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise
	a mound of earth 2 ft. high, 4 ft. base, W. of stone.
	Land nearly Level.
	Soil gumbo, sandy loam and gravelly; 1st, 2nd, and
	3rd rate.
	No timber. Undergrowth, scattering yucca, greasewood,
	palo santo and sage brush.
	هي اوي هي
	S. 89° 59' W., on a random line, bet. secs. 16 and 21.
40.	Set temp. 1/4 sec. cor.
80.00	Fall 2 lks. S. of the corner to sections 16, 17, 20 and
1	21, thence I run EAST, on a true line, bet. secs. 16
	and 21. Through dense underbrush.
6.00	Leave dense brush.
13.00	Over gently rolling land.
17.45	Dry wash, 25 lks. wide, course N. E.
22.60	Dry wash, 40 lks. wide, course northeasterly.
40.00	Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the
1	ground for 1/4 and con montrod 1/4 on the it density
1	ground for 1/4 sec. cor. marked 1/4 on the N. face; dug
	pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist.
	and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
E3 30	high, N. of the corner.
51.10	Enter R. R. wash, course N.
54.20	Leave R. R. wash,
62.15	Wire fence bears N. 14° 29' W., and S. 14° 29' E.

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Chs.
                 Middle of Single track of the A. & N. M. R. R. bears N. 14° 29' W., and S. 14° 29' E. Wire fence bears N. 14° 29' W., and S. 14° 29' E.
  62.65
  63.75
                 The corner to sections 15, 16, 21 and 22. Land level and rolling.
  80.00
                 Soil gumbo and sandy loam. 2nd and 3rd rate.
                 No timber.
                 Undergrowth greasewood, palo santo and yucca.
                 Dense undergrowth 6.00 chains.
                                                                              Oct. 14, the, 1906.
                 Oct. 15th, 1906. At 7 hours, 43 mins., a. m., 1. m. t. I set off 32° 38' N., on the decl. arc; 08° 18' S., on the late and one of the late arc.
                 the Lat. arc and determine a meridian with the Solar.
                 Thence I run, EAST, on a true line, bet. secs. 15 & 22. Over gradually rising ground through scattering greasewood
                 brush.
  12.35
                 Wagon road bears N. and S.
  30.04
                N. end of a knoll.
                Set a malpais stone, 18 x 10 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and aise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
  40.00
                 high, N. of the corner.
  42.05
                 Begin steep ascent over broken ground.
  70.04
                N. end of a ridge and descend.
                Intersect the Boundary Line between the Territories of
  79.61
                Arizona and New Mexico, at a point South 19.55 chs. of
                 the 300 Mile Monument.
                Set a sandstone, 21 x 10 x 5 ins., 16 ins., in the ground for closing corner to sections 15 and 22, marked with 3 grooves on the N. and S. faces and C. C. on the W.
                face and raise a mound of stones 2 ft. base, 1 1/2 ft.
                high, W. of the corner.
Land level, rolling and broken.
Soil sandy and gravelly, 3rd and 4th rate.
                No timber.
                Undergrowth greasewood, palo santo, tesotilla and cactus.
                N. 0° 02' E., bet. secs. 15 and 16. Over nearly level land.
                Dry wash, 10 1ks. wide, course W. Set a malpais stone, 16 x 10 x 10 ins., 11 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist, and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
 26.30
 40.00
                high, W. of the corner.
                Dry wash, 12 1ks. wide, course westerly.

Dry wash, 12 1ks. wide, course westerly.

Set a malpais stone, 21 x 8 x 8 ins., 16 ins., in the ground for the corner to sections 9, 10, 15 and 16, marked with 4 grooves on the S. and 3 grooves on the E. edges, dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist.

and raise a mound of earth, 4 ft. base, 2 ft. high, W.
 50.72
 56.50
 80.00
                of the corner.
                Land nearly level.
                Soil sandy loam and gravelly, 2nd and 4th rate.
                No timber.
                Undergrowth, scattering greasewood and yucca.
                WEST, on a random line, bet. secs. 9 and 16.
                Set temp. 1/4 sec. cor.
Intersect the N. and S. line at the cor. to secs.
 40.
80.00
                8, 9, 16 and 17, thence I run, EAST, on a true line bet secs. 9 and 16.
Over gradually ascending land.
                Dry wash, 30 lks. wide, course northeasterly.
Dry wash, 15 lks. wide, course northeasterly.
Railroad wash, 100 lks. wide, course N.
Set a malpais stone, 16 x 10 x 10 ins., 11 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and
 2. 20
10.60
29.10
40.00
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rasse a mound of stones 2 ft. base, 1 1/2 ft. high, N.
 Chs.
             of the corner.
             Pits impracticable.
             Wire fence bears N. W. and S. E. Telegraph line bears N. W. and S. E.
40.50
41.25
             Middle of single track of the A. & N. M. R. R. bears N.
42.07
             W. and S. E.
             Wire fence bears N. W. and S. E. The corner to sections 9, 10, 15 and 16.
43.65
80.00
             Land level and gently rolling.
             Soil gumbo, sandy loam and gravelly, 1st, 2nd, 3rd and
             4th rate.
             No timber.
             No trees or underbrush.
             N. 0° 2! E., bet. secs. 9 and 10. Over nearly level land.
             Enter dense greasewood bears E. and W.
 9.70
             Dry wash, 40 lks. wide, course W. Dry wash, 10 lks. wide, course W., and thence over gently
12.55
23.22
             rolling land.
             Set a malpais stone, 24 x 8 x 8 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
40.00
             high, W. of the corner.
              Leave dense brush bearing E. and W.
41.00
             Dry wash, 15 lks. wide, course westerly.

Set a malpais stone, 21 x 8 x 8 ins., 16 ins., in the ground for the corner to sections, 3, 4, 9 and 10, marked with 5 grooves on the S. and 3 grooves on the E. Edges, dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist and raise a mound of earth, 4 ft. base, 2 ft. high,
52.00
80.00
              W. of the corner.
              Land gently rolling and nearly level. Soil sandy loam and gravelly 3rd and 4th rate.
              No timber.
              Undergrowth greasewood, yucca and tesotilla. Dense undergrowth 31.30 chains.
                                                                               '10, 15 and 16,
              Returning to the corner of sections 9,
              I run EAST, on a true line bet. secs. 10 and 15.
              Over gradually rising ground.
              Enter dense greasewood bears N. W.
    4.00
             Enter dense greasewood bears N. W.

Road bears N. and S.

Dry wash, 20 lks. wide, course N. N. W.

Set a malpais stone, 18 x 10 x 8 ins., 12 ins., in

the ground for 1/4 sec. cor. marked 1/4 on the N. face;

dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft.

dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2

ft. high, N. of the corner.

Dry wash, 10 lks. wide, course S. W.

Regin steep ascent over broken ground.
  14.35
  27.60
  40.00
  50.40
              Begin steep ascent over broken ground.
  59.90
              Dry wash, 20,1ks. wide, course S. thence westerly.
  72.00
              Top of rolling mesa bears N. and S.
  77.04
              Intersect the Boundary line between the Territories of
   79.54
              Arizona and New Mexico, at a point 19.90 chs. S. of the
              299 Mile Monument.
              Set a malpais stone, 18 x 10 x 5 ins., for closing corner to sections 10 and 15, 12 ins., in the ground marked with 4 grooves on the S. and 2 grooves on the N.
              faces, C. C. ARIZ on the W. and N. M. on the E. and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W.
              of the corner. Pits impracticable.
              Land gently rolling and broken.
              Soil sandy loam and gravelly; 2nd and 4th rate.
              No timber; undergrowth greasewood, yucca and tesotillo.
              Dense undergrowth 31.30 chains.
                                                                        Oct, 15th, 1906.
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Subdivisions or Tp. 9 5. R. 32 E. Continued.

BOOK 1913

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Oct, 16th, 1906- At 7 hours, 26 minutes, a. m., 1. m. t. I set off 32° 40' N., on the Latitude Arc; 08° 39' S., on the decl. arc and determine a meridian with the Solar at the corner of sections 3, 4, 9 and 10.
Chs.
             Thence I run,
            WEST, on a random line, bet. secs. 4 and 9. 40. set temp. Intersect the corner of sections 4, 5, 8 and 9; thence I run, EAST, on a true line, bet. secs. 4 and 9. Over rolling and level land.
79.96
             Dry wash, 10 lks. wide, course N. E.
  4.80
            Dry wash, 10 1ks. wide, course N.
Railroad wash, 1.00 chain wide, course N.
Wire fence bears N. 14° 29' W., and S. 14° 29' E.
Telegraph line bers N. 14° 29' W., and S. 14° 29' E.
Middle of Single track of the A. & N. M. R. R. bears N.
  6.50
PS. 50
19.85
20.48
21.31
            Middle of Single track of the R. & R. M. R. R. Beals N. 14° 29' W., and $14° 29' E. Wire fence bears N. 14° 29' W., and $. 14° 29' E. Dry wash, 10 lks. wide, course N. Foot; N. and S. thence over rolling land gradually asc.
22.89
34.30
38.04
             Set a malpais stone, 20 x 6 x 6 ins., 15 ins., in the
40.00
             ground for 1/4 sec. cor. marked 1/4 on the N. face; and
            raise a mound of stones, 2 ft. base, 1 1/2 ft. high, N.
            of the corner.
N. end of ri dge and descend.
65.00
77.50
            Dry wash, 10 lks. wide, course N. E. and ascend.
79.96
            The corner to sections, 3, 4, 9 and 10.
            Land level and rolling.
             Soil gumbo, gravelly and stony, 2nd, 3rd and 4th rate.
            No timber.
            EAST, on a true line, bet. secs. 3 and 10.
            Over nearly level land.
            Dry wash, 15 lks. wide, course N. Dry wash, 12 lks. wide, course N. N. W.
  3.50
14.05
14.11
            Wagon road bears N. and S.
14.33
            Wagon road bears S. W.
22.70
23.70
            Ascend.
            N. end of rodge and descend.
25.00
            Foot N. and S.
30.10
            Knoll, 5chains N.
37.00
            Enter dense greasewood.
            Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
40.00
            high, No of the corner.
52.00
            Knoll, 3.00 chains N.
            Dry wash, 15 lks. wide, course N.
Intersect the Boundary line, bet. the Territories of xk
Arizona and New Mexico at a point 20. 28 chs. S. of the
79.35
79.53
            298 Mile Monument.
            Set a malpais stone, 21 x 8 x 6 ins., 16 ins., in the ground for closing corner to sections 3 and 10,
           marked with 5 grooves on the S. and 1 groove on the N. faces and C. C. on the W. and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits im Land nearly level and gently rolling.
                                                                                              Pits impract.
            Soil sandy loam and gravelly, 2nd and 4th rate.
            No timber.
            Undergrowth greasewood, yucca and cactus.
            Dense undergrowth 42.53 chains.
           N 0° 2' E., on a random line, bet. secs. Set temp. 1/4 sec. cor.
40.
           Intersect the N. boundary of the Tp. at a point 12 lks. E. of the corner to sections 3, 4, 33 and 34 on the N. boundary; thence I run, S. 0° 7' W., on a true line, bet.
79.43
            secs. 3 and 4.
            Over gently rolling land.
 7.13
           F. Mognis house bears 2.00 chs. W.
 7.43
           J. Elledges house bears 1.20 chs. E.
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Subdivisions of Tp. 9 S., R. 32 E.

Continued.

BOOK 1913 **`20**

Chs.	
8.03	Stable 4.00 chs. W.
9.43	Stable 3.00 chs. E.
22.13	B. Echoll's house bears 2.30 chs. W.
22.43	E. Dalla's house bears 2.00 chs. E.
39.43	Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the
	ground for 1/4 sec. cor. marked 1/4 on the W. face; and
	raise a mound of stones, 2 ft. base, 1 1/2 ft. high,
	W. of the corner. Pits impracticable.
	Road N. of cor.
39.73	Middle of irrigating canal, 20 lks. wide, 2 ft. deep,
	course westerly.
41.43	Road bears E. N. E.
77.00	Dry wash, 10 lks. wide, course N. E. thence Northerly.
79.43	The corner to sections 3, 4, 9 and 10.
,	Land level and rolling.
	Soil gumbo sandy loam and gravelly. 1st, 2nd, 3rd and
	4th rate.
	No timber. No underbrush.

This Fractional Township is generall rolling land, portions of which are very level, the ground slopes gradually to the Southwest.

The soil is sandy, gravelly and gumbo or dobe, and is generally fit for grazing purposes. There is running water in the N. E. portion in irrigating canals and in the Gila River, from which the canals derive their water.

The Arizona and New Mexico Railroad traverses the township from the Southeast to the Northwest. railroad is a branch line, from Lordsburg New Mexico to the Copper Mining Towns of Morenci and Clifton, Ariz. There are numerous settlers in this Township as follows-

Sec. 5, D. E. Wilkins.

Sec. 4, F. Gilliland.

F. Mognia.

A. Gilliland.
B. Echolls.

D. and J. Campbell.

A General store and Postoffice.

Sec. 3, J. Elledge. E. DAllA.

R. Gale.

Wm. Gale.

D. Elledge.

There is no timber on the township, but portions of the same is covered with dense and scattering brush, consisting of greasewood, palo santo, yucca and cactus.

S. Deputy Surveyor.

Tucson, Arizona.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.	BOOK 1
A list of the names of the individuals employed by $Casamirs R$.	Barthelen
, United States Deputy Surveyor, to assist in rur	
marking the lines and corners described in the foregoing field notes of the survey of	the most
Boundaries of J95. R 32 E	
showing the respective capacities in which they acted:	
John M. Grayer B. F. Arnold	\dots , Chainman.
B. F. arnold	
H. S. Phillips	. Moundman.
•	, Moundman.
9. G. Haller	,
	, Axman.
	\dots , $Flagman$.
FINAL OATH OF ASSISTANTS.	4
We hereby certify that we assisted Casimiro R. Barth	. •
, United States' Deputy Surv	
those parts or portions of the MACK boundaries of I. 9	J., 11. 32 E
	of the Gily and
Salt Raver meridian, turitory 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 faithful corner monuments established, according to the instructions furnished by the Ur	
General for arigona	,
il . Mwh. In	Chainman
1 BACON	A Chainman
J. J. Com	Chainman.
ory, organ	Moundman.
	, Moundman.
J. y. Shalter	Axman.
	, Axman.
Charles meadmore	\dots , $Flagman$.
Subscribed and sworn to before me this 30 d	
day of October, 1906 & G. Ca	-11-9 A
000000	

7/	FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.
•	- 13
20	I, Casimirin O. Barthelemy, United States Deputy Surveyor, do
O-	
	Solemnly swear that, in pursuance of a contract received from Jrank J. Lugally
	United States Surveyor General for, bearing date of the day of
	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
	proper person, and in strict conformity with the instructions furnished by the United States Surveyor
	General for the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the survey of Marth.
	and West boundary of J.J. J. 132 E
	and the warmany of o. 9 v. U.
	·
	ρ_{i}
	of the Esla and
A	Salt Rives meridian, in the Verrilory of Crizouq, which are represented in the
	foregoing field notes as having been surveyed by no, and under for 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 and in the specific manner described in the field notes, and that
	the foregoing are the original field notes of such survey.
	Jasmir R. Barthlemy United States Deputy Surveyor.
	Jasmirs 1. 10 annillemy
	Subscribed by said www. Marthelemy, and sworn to before me)
	Subscribed by said Property and Sworn to before me
	1000
ប. ទ	this day of 1907 Commissioner, First Judicial District
U. S Ter	this day of Mark, 1907, Commissioner, First Judicial District, Citory of Arizona, residing at Tucson.
U. S Ter	this day of 1907 Commissioner, First Judicial District, Fitory of Arizona, residing at Tucson.
U. S Ter	this day of 1907 Commissioner, First Judicial District, Fitory of Arizona, residing at Tucson. CONSTRUCTION OF SEALO CONSTRUCTION
U. S Ter	ritory of Arizona, residing at Tucson. SECONDO SEAL O SEA
U.S Ter	this day of 1907 Commissioner, First Judicial District, Commissioner, Commission
U.S Ter	APPROVAL.
U. S Ter	ritory of Arizona, residing at Tucson. SECONDO SEAL O SEA
U. S Ter	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
U. S Ter	APPROVAL.
U. S Ter	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
U. S Ter	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, 190
U. S	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, 190
U. S Ter	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of
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U. S Ter	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of
U. S	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of executed by under his contract No. , dated , 190 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.
U. S	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of
U. S Ter	executed by under his contract No. , dated , 190 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved. Contract No. (Asternative No.) (Asternativ
U. S	APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of
U. S Ter	executed by under his contract No. , dated , 190 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved. Contract No. (Asternative No.) (Asternativ

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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A list of the names of the individuals employed	by Casimiro R.	Bartheles
, United States Dept	uty Surveyor, to assist in runni	ng, measuring, and
marking the lines and corners described in the foregoin linus of Jk. 9 1, R. 32 2	g field notes of the survey of \angle	Subdivision
showing the respective capacities in which they acted.		
Only a	M. Trayer	0.7
0 2 a	. Shage	, Chainman.
1. J. U.	Din	, Chainman.
J. D. C	Phillips	, Moundman.
	·	, Moundman.
9.6.21	alter	Axman.
	·	\dots , $Axman$.
Charles	m. I	
FINAL OATH OF		\dots , $Flagman$.
We hereby certify that we assisted Casa		
We hereby certify that we assisted	mrs / Barcheles	ny
	United States Deputy Surveyor	· · · · · · ·
those parts or portions of the Subdivisions	lines Jp. 9 S. R. 3	28.
		G.I
SIN River Common to 12		the Tila and
Salk River meridian, territory	of Myora, which	ch are represented
in the foregoing field notes as having been surveyed by has been in all respects, to the best of our knowledge a	nim and under his direction; and helief, well, and faithfully,	d that said survey
corner monuments established, according to the instru-	ctions furnished by the United	Surveyed, and the States Surveyor
General for Anguna		/
	July 1 James	
		L, Chainman. D-C
·	1) /5 J. Cerus	Chainman.
	V. Thucep	Moundman.
	······································	, Moundman.
	I Walter	\dots , $Axman$.
	•	
£.4	les meadmore.	, Axman.
O TWO	a pucomore.	, Flagman.
Subscribed and sworn to before me this 30 4		•
day of October, 1906	M. G. Pa	war
OPERAL OF CONTROL OF C	Alterior Policy Popular and	u. Arrono Gericos,
6—151	للعالم والموالم والمالية والمالية والمالية والمناطقة والمناطة والمناطقة والمناطقة والمناطقة والمناطقة والمناطقة والم	

1. Carrier M. Durchelder General Constructions of a contract received from States Duputy Surveyor, a solemnly swear that, in pursuance of a contract received from States Surveyor General for Surveyor General for Surveyor General General for the Manual of Surveyor Instructions furnished by the United States Surveyor General for the Manual of Surveyor Instructions, and the laws of United States surveyor all those parts or portions of Surveyor Instructions and the laws of the United States surveyor and in the Surveyor of Surveyor Instructions and the laws of the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Manual of Surveying Instructions, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey. **Commissioner** First Judicial District.** **Commissioner** F	195	\circ			
Subscribed by said **Marine** Described in the feeld notes of the Subscribed by said **Marine** Described by said **Marine** Describ	I, Casimi	ira M. Voar	theleny	, United States Dep	uty Surveyor, do
United States Surveyor General for Annual Property of the States Surveyor General for Annual Property of Ann	solemnly swear that, in p	pursuance of a contract i	received from	strank &	. Angall
proper person, and to strice conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Local Action of the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Local Action of Surveying Instructions, and the special written instructions of the United States Surveyor General for Local Action of Surveying Instructions, and the specific manner described in the field notes, and the the foregoing are the original field notes of such survey. Subscribed by said Limino Local Limited States Surveyor Subscribed by said Limino Limited States Surveyor General. APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL. Phoenix, ARizona, Resurvey of the Subdivisions and resurvey of the North and West boundaries of T. 9 S., F. 32, F. of the Oila and Salt River Base and Meridian. Executed by Gasimiro R. Berihelemy, U. S. Deputy Surveyor, Limited States Surveyor General Local Limited States Surveyor General Limited States Surveyor General Limited States Surveyor General Limited St	United States Surveyor	General for Sur	20019	, bea	aring date of the
General for the United States, surveyed all those parts or portions of the United States, surveyed all those parts or portions of the United States, surveyed all those parts or portions of the United States and the second of the United States and United States and United States Surveyed by me, and under my direction; and I do further solemnl swear that all the corners of said survey have been established and perpetuated in strict accordance wit the Manual of Surveying Instructions, and the special written instructions of the United States Surveyed General for the foregoing are the briginal field notes of such survey. Subscribed by said thinking the substitution of the United States Deputy Surveyor Subscribed by said thinking the substitution of Arizone, residing at Tuoson. Subscribed by said thinking the substitution of the Subscribed by said thinking the substitution of Arizone, residing at Tuoson. APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, ARizona. Warch 15, 1997. The foregoing field notes of the survey of the subdivisions and resurvey of the North and West boundaries of T. 9 S., R. 32, E. of the Gila and Salt River Base and Meridian. Executed by Casimiro R. Burlhelemy, U. S. Deputy Surveyor, under his contract No. 129 dated April 14, 1906. Evaluation of the surveyor General I certify that the foregoing transcript of the field notes of the above described surveyor General I certify that the foregoing transcript of the field notes of the above described surveyor General I certify that the foregoing transcript of the field notes of the above described surveyor in the surveyor that the foregoing transcript of the field notes of the above described surveyor in the surveyor that the foregoing transcript of the field notes of the above described surveyor in the surveyor than the foregoing transcript of the field notes of the above described surveyor in the sur	day of	april	, 1906, I have	well, faithfully, and	truly, in my own
United States, surveyed all those parts or portions of Sundalina Surveyed all those parts or portions of Sundalina Surveyed and Surveyed S	proper person, and in st	rice conformity with the	e instructions fur	nished by the United	States Surveyor
of the La and Salt River Base and Meridian. of the La and Meridian, in the Torogoing field notes of the Survey of Lifeth which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemni swear that all the corners of said survey have been established and perpetuated in strict accordance with Manual of Surveying Instructions, and the special written instructions of the United States Surveyer General for Line and in the specific manner described in the field notes, and the the foregoing are the briginal field notes of such survey. Subscribed by said within Marthelany, and sworn to before me this Lady of Line Allermy, and sworn to before me this Lady of Line Allermy, and sworn to before me this Lady of Arizona, residing at Tuoson. APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, ARIZONA, Warch 15, 1907. The foregoing field notes of the survey of the subdivisions and resurvey of the North and west boundaries of T. 9 S., R. 32, E. of the Gila and Salt River Base and Meridian. executed by Casimiro R. Bar'helemy, U. S. Deputy Surveyor, under his contract No. 139, dated pril 14, 1906, 190, having be critically examined, and the necessary corrections and explanations made, the said field notes, and is surveys they describe, are hereby approved. Limited States Surveyor General Lentity that the foregoing transcript of the field notes of the above-described surveys in United States Surveyor General Lentity that the foregoing transcript of the field notes of the above-described surveys in United States Surveyor General Lentity that the foregoing transcript of the field notes of the above-described surveys in United States Surveyor General Centrity that the foregoing transcript of the field notes of the above-described surveys in United States Surveyor General Centrity that the foregoing transcript of the field notes of the above-described surveys in United States Surveyor General Centrity that the foregoing transcript of the field notes	, -	, —	_		d the laws of the
of the Lia and Satt Ruch meridian, in the Suntary of Original, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnl swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the specific manner described in the field notes, and the foregoing are the briginal field notes of such survey. Subscribed by said within Manthelumy and sworn to before me this day of the survey of the s	United States, surveyed	all those parts or portion	ns of	p miss	- unces
Subscribed by said	of 5 9 -	1. 7.02	<u>ح</u> ــــــــــــــــــــــــــــــــــــ		
Subscribed by said					
Subscribed by said					
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemni 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 and the foregoing are the original field notes of such survey. Subscribed by said within Markhalumy, and sworn to before me this said and print to the first states Deputy Swreyor Subscribed by said within the foregoing at Tucson. Subscribed by said within Markhalumy, and sworn to before me this said and print to the first states Deputy Swreyor Subscribed by said within the foregoing at Tucson. APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, ARIZONA, MARCH 15, 1907. The foregoing field notes of the survey of the subdivisions and resurvey of the North and west boundaries of T. 9 S., R. 32, E. of the Gila and Salt River Base and Meridian. executed by Gasimiro R. Bar'helemy, U. S. Deputy Surveyor, under his contract No. 139, dated April 14, 1906. executed by casimiro R. Bar'helemy, U. S. Deputy Surveyor, Jan, having be critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved. I certify that the foregoing transcript of the field notes of the above described surveys in					
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	Salt River me	ridian, in the	Try of Ur	A.OMA, which are r	epresented in the
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	foregoing field notes as l	having been surveyed by	y me, and under m	y direction; and I do	further solemnly
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for					
General for					
Subscribed by said within Mathelemy, and sworn to before me this side day of the survey. Subscribed by said within Mathelemy, and sworn to before me this side day of the survey. S. Commissioner, First Judicial District, ritory of Arizona, residing at Tucson. APPROVAL. OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, ARizona, Warch 15, 1907. The foregoing field notes of the survey of the subdivisions and resurvey of the North and West boundaries of T. 9 S., R. 32, E. of the gila and Salt River Base and Meridian. executed by Casimiro R. Bar'helemy, U. S. Deputy Surveyor, under his contract No. 139, dated April 14, 1906. executed by Casimiro R. Bar'helemy, U. S. Deputy Surveyor, under his contract No. 139, dated April 14, 1906. Executed by Casimiro R. Bar'helemy, U. S. Deputy Surveyor, under his contract No. 139, dated April 14, 1906. Executed by Casimiro, And the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved. Executed States Surveyor General I certify that the foregoing transcript of the field notes of the above described surveys in					· ·
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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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United States Surveyor General.