2266

Accepted May 31, 1912

FIELD NOTES

BOOK 2266

OF THE SURVEY OF THE	
Tractional Court Deudony of J. 11 M.	R12W.
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Jack) ()	:
Of the Meridian,	
In the State of China	*
EXECUTED BY	5
EXECUTED BY (a)	
om Desse	
Alfred M. Oliver	· ·
hinrit.	
In the capacity of U.S. Surveyor, under instructions dated Mignest	∕ √, 1910.,
issued by the United States Surveyor General to govern surveys in	cluded in
Group No. , which were approved by the Commissioner of the Ger	o oma 1. Tara d
I	
Office, Lefs Kultry J, 1910, pursuant to authority contained in	the Act of
Congress dated June 71, 191 0 March 4, 1911	
Survey commenced March 74, 191!	
Survey completed 4 191/	6—151
	2226

INDEX DIAGRAM.

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100K 2266

PRELIMINARY OATHS OF ASSISTANTS.

WE, R. a. Coombo	and W. D. Panner
do solemnly swear that we will well and faithfull	y execute the duties of chainmen; that we will level the
chain upon even and uneven ground, and plumb th	the tally pins, either by sticking or dropping the same; that
	ojects, 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
the fracil. S. body. of Pp. 1/ N. C.	· · · · · · · · · · · · · · · · · · ·
	R. a. Chainman.
	Marian de mi
	, Chainman.
Subscribed and sworn to before me this 24th day of March, 1911	()
day of March, 1911	
,	alfred M. Glins
SEAL (Alfred M. China
Water and Annual Control of the Cont	VI.O. / Minuman
WE & Clay Wodson	andand
do solemnly swear that we will well and truly	perform the duties of moundmen in the establishment
	is, to the best of our skill and ability, in the survey of
the back of blue of Db 11	71. Ro 12, TX).
one peace. Si voy ignification	10
•	Le Lay Fodeon, Moundman.
	, Moundman.
Subscribed and sworn to before me this 244)
day of March, 1911	
	alfred M. Glens
10250250250250X	V-7-W
SEAL W	U.S. Transitinan
SEAL W	U.S. Transitman
WE, S, C. S. Crowen	U.S. Transitinan
-,	U.S. Transitinan
do solemnly swear that we will well and truly per	andand
do solemnly swear that we will well and truly per	andand
do solemnly swear that we will well and truly per	andand
do solemnly swear that we will well and truly per	andand
do solemnly swear that we will well and truly per	andand
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. S. bdy. of Jb. 117	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. S. bdy. of Jb. 117	and
do solemnly swear that we will well and truly per	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. S. bdy. of Jb. 117	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. S. bdy. of Jb. 117	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the facel. S. bdy. of Jb. // Jb. // Subscribed and sworn to before me this 244, day of March, 19//	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the fact. S. bdy. of Jb. // Jc. subscribed and sworn to before me this 24th day of March 19/1 I, More Shamfessel	and form the duties of axmen in the establishment of corners us, to the best of our skill and ability, in the survey of 1. Rg. 12 W. Axman. Axman. Axman. , do solemnly swear that I will well and truly
do solemnly swear that we will well and truly per and other duties, according to instructions given the fract. S. bdy. If Jb. 1/17. Subscribed and sworn to before me this 24th. day of March , 19/1 I, March Shanfessel perform the duties of flagman according to instructions.	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the fract. S. bdy. If Jb. 1/17. Subscribed and sworn to before me this 24th. day of March , 19/1 I, March Shanfessel perform the duties of flagman according to instructions.	and
do solemnly swear that we will well and truly per and other duties, according to instructions given the fact. S. bdy. of Jb. // Jc. subscribed and sworn to before me this 24th day of March 19/1 I, More Shamfessel	and
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do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. S. bdy. of Jb. 1/12. Subscribed and sworn to before me this 24th. day of March, 19/1 I, Pow Shinifessel perform the duties of flagman according to instructions given the frack. S. bdy. of Jack.	and form the duties of axmen in the establishment of corners us, to the best of our skill and ability, in the survey of 1. Ag. 12 W. Asman. Asman. Asman. do solemnly swear that I will well and truly ctions given me, to the best of my skill and ability, in the St. 11. Ag. 12 W. J. Minnfessel, Flagman.
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. If by John John John John John John John John	and form the duties of axmen in the establishment of corners us, to the best of our skill and ability, in the survey of 1. Ag. 12 W. Asman. Asman. Asman. do solemnly swear that I will well and truly ctions given me, to the best of my skill and ability, in the St. 11. Ag. 12 W. J. Minnfessel, Flagman.
do solemnly swear that we will well and truly per and other duties, according to instructions given the fract. S. bdy. of Jb. 1/17. Subscribed and sworn to before me this 24. I, Now Shingessel perform the duties of flagman according to instructions given the fract. S. bdy. of Jack. S. bdy. of Jack. S. bdy. of Jack. S. bdy. of Jack. Subscribed and sworn to before me this 24.77.	and form the duties of axmen in the establishment of corners us, to the best of our skill and ability, in the survey of M. Rg. 12 W. Axman. Axman. Axman. , do solemnly swear that I will well and truly ctions given me, to the best of my skill and ability, in the St. 11 Rg. 12 W. The African St. Flagman.
do solemnly swear that we will well and truly per and other duties, according to instructions given the frack. If by John John John John John John John John	and form the duties of axmen in the establishment of corners us, to the best of our skill and ability, in the survey of 1. Ag. 12 W. Asman. Asman. Asman. do solemnly swear that I will well and truly ctions given me, to the best of my skill and ability, in the St. 11. Ag. 12 W. J. Minnfessel, Flagman.

BOOK 2266

INDEX DIAGRAM.

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Meanders Page

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1091 PRELIMINARY OATHS OF ASSISTANTS. WE, C. E. Lyon and . N. Bate do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the fracel. S. boundary of 1/2 1/ M. Ag. 12 W. Subscribed and sworn to before me this day of March WE, Q. L. Bates ____and____ do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the fract S. boundary of JB. 11 N. Rg. 12 W.

R. L. Bates, Moundman. \dots , Moundman. Subscribed and sworn to before me this 25% day of March, 1911 WE, Ed, Brockway and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the fracil. S. boundary of Mp. 11 M. Rg. 12 W. Subscribed and sworn to before me this. day of March A. E. Hlanagan, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the

SEAL *

day of March, 19/1

Subscribed and sworn to before me this ...

survey of the facil of boundary of

INDEX DIAGRAM.

_	Townsh	nip		, Range			•
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Meanders Page

6—151

South boundary of Tp. 11 N. Rg. Chains. March 24: At 7h. 00m. a.m., l.m.t., I set off 34° 14½! N. on the lat. arc; le 10½! N. on the decl. arc; and determine a meridian with the solar at the cor. of Tpss.

> Thence I run East bet. secs. 6 and 31

Over rolling hilly land through dense brush. Cross wash 10 lks. wide course N. E.

.20 5.00 Cross wash 20 lks. wide course N.

7.00 Cross wash 25 lks. wide course N.

Cross wash 200 lks. wide course N. Cross wash 100 lks. wide course N. W. 17.00

28.00 39.80

Cross wash 20 lks. wide course N. W.

Set an iron post 3 ft. long, l in. diam., 26 ins. in the ground for 4 sec. cor., marked on brass cap 4531 in N. and S6 in S. half; and raise a mound of stone 2 ft. base 12 ft. high, W. of cor. Pits impracticable.

Cross wash 10 lks. wide course N. W.

10 and 11 N. Rgs. 12 and 13 W. described in Book H.

41.21 50.11 Cross wash 15 lks. wide course N. W.

Cross wash 15 lks. wide course N. W. 55.61 Cross wash 15 lks. wide course N.

57.41 74.26

Cross wash 300 lks. wide course N. Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap

39.01

79.01

TllN in N.
TlON in S. and
Rl2W in W. half;

\$31 in N. W. \$32 in N. E.

S5 in S. E. and

S6 in S. W. quadrant; and raise a mound of stone 2 ft. base $\frac{1}{2}$ ft. high W. of cor. Pits impracticable.

Land, rolling and hilly.

Soil; gravelly and rocky; 3rd. rate.

No timber.

Undergrowth, greasewood, raloverde and cacti.

March 24, 1911. Afrid M. Oliver 4,5 Transituan

Note: For description and test of instrument see Book H.

South boundary of Tp. 11 N. Rg. 12 W.

Survey commenced March 24, 1911 and executed with an A. Lietz Co. light mountain transit No. 5631 with solar attachment.

I examine the adjustments of the transit and find them correct; then to test the solar apparatus, I proceed as follows:

At my camp in the S. W. t of sec. 19, Tp. 11 N. Rg. 12 W. I set off 34°17 'N. on the lat. arc; 1° 20' N. on the decl. arc; and at 5h. 00m. p.m., 1.m.t., determine with the solar a meridian and mark a point thereof on a stone firmly set in the ground 5 chs. N. of my station. At 7h. 18m. p. m. by my watch which has correct 1.m.t., I observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground 5 chs. N. of my station.

March 24, 1911.

March 25: At 6h. 00m. a.m., l.m.t., I lay off the azimuth of Polaris 1° 24' to the east, and mark the meridian thus determined, by cutting a small groove in the stone set March 24, on which the meridian falls 0.3 ins. east of the mark determined by the solar.
At 7h. COm. a.m., 1.m.t., I set off 34° 17' N. Von the lat. arc; 1° 34' N. Von the decl. arc; and mark a point

in the merdiian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians, respectively about) 0'16" (east and west of the meridian established by the Polaris observation; therefore, I conclude that the adjustments of the instrument are satisfactory.

I commence at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, heretofore described. Thence I run

East bet. secs. 5 and 32

Over rolling choppy hills through dense brush Wash 15 lks. wide course N $\,$

4.00

10.00 Wash 10 lks. wide course N.

20.50 Wash 12 1ks. wide course N.

Wash 10 lks. wide course N. 26.75 40.00

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for # sec. cor., marked on brass cap #S32 in N. and S5 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Artillery Peak bears N. 19° 36' W.

46.64

54.20 Dim road bears N. W. and S. E.

64.00 Wash 100 lks. wide course N. W.

Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked on 80.00 brass cap

TllN in N.

TION in S. and

R12W in W. half;

832 in N. W.

S33 in N. E.

S4 in S. E. and S5 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 52 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

From this cor. Artillery Peak bears N. 22° 05' W.

Land, hilly.

Soil, sandy loam mixed with gravel and rocks; medium; texture; dry; 2nd. rate.

No timber.

Undergrowth, greasewood and paloverde.

John P. Hesse U.S. Pransition

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BOOK 2266

3. South Boundary of Township 11 North, Range 12 West Chains,

General Description.

This township is rolling and mountainous, excepting for a strip along the Bill Williams Fork, which is level and very fertile. The township is watered by the Bill Williams Fork, along which grow cottonwood timber.

BOOK 2266 FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

A list of the names of the individuals employed by John F. Hes. United States Deputy Surveyor, to assist in running	
, Omied States Deput y Surveyor , to assist in running	g, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of	he fract.
S bedy of Dk 1172 P- 12 111	
showing the respective capacities in which they acted:	
	Oh min man
Q. E. Lyon	, Chainman.
J. N. Bates R. L. Bates	, Chainman.
VI. A. Walls	, Moundman.
Ed Brockway	, Axman.
J. P. Ellis L. E. Planagan	\dots , $Axman$.
R. E. Planagan	, Flagman,
FINAL OATH OF ASSISTANTS.	
We hereby certify that we assisted John R. Nesse	
We hereby certify that we assisted John P. Nesse	in surveying all
chose parts or portions of the frack. S. tody. of 1/6. 11 M. Rg. 1.	$z \omega$.
Salt River meridian, Persitory of Aryona, which	h are represented
Salt Rever meridian, Territory of Chegoria, which	h are represented
n the foregoing field notes as having been surveyed by him and under his direction; and	•
has been in all respects, to the best of our knowledge and belief, well and faithfully some orner monuments established, according to the instructions furnished by the United	urveyed, and the
	States Surveyor
General for (lunoua)	States Surveyor
C. E. Lyon	, Chainman.
C. E. Lyon	
J. H. Buts	, Chainman.
J. H. Butis R. L. Bates	, Chainman, Chainman, Moundman, Moundman.
JH Butes P. L. Bates	, Chainman, Chainman, Moundman, Moundman.
H. Butis P. D. Bates Ed. Orrekway	, Chainman, Chainman, Moundman, Moundman.
H. Butis P. D. Bates Ed. Orrekway	, Chainman, Chainman, Moundman, Moundman, Axman.
H. Butis P. D. Bates Ed. Orrekway	, Chainman, Chainman, Moundman, Moundman, Axman.
A. E. Lates Ed Orchway J. J. Pellis L. E. Janagan	, Chainman, Chainman, Moundman, Moundman, Axman.
De La Bates Ed Orichway Pellis Langan ubscribed and sworn to before me this 28 #	, Chainman, Chainman, Moundman, Moundman, Axman.
A. E. Lates Ed Orchway J. J. Pellis L. E. Janagan	, Chainman, Moundman, Moundman, Axman, Flagman.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR., United States Deputy Surveyor, do Surveyor General for ___, bearing date of the Itt day of august 2...., 19/6, I have well, faithfully, and truly, in my own strict conformity with the instructions furnished by the United States Surveyor proper person, and in the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The meridian, in the Montany of Chrisque, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. and sworn to before me Subscribed by said APPROVAL OFFICE OF THE UNITED STATES SURVEYOR GENERAL, The foregoing field notes of the survey of _____

under his contract No. ______, dated _______, 19 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

United States Surveyor General.

United States Surveyor General.

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surveys they describe, are hereby approved.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

3. //5 6 BOOK 2266

LIST	OF NAMES.	_	11	
A list of the names of the individuals em	ployed by	fred	M (C	liss
, United Stat	\checkmark / \sim 1	or to ession	t in promin	moografie
			,	
marking the lines and corners described in the fo			•	te grad
South Sunding of	I 11 H. (K12"	V.	·
howing the respective capacities in which they	acted:			
	$\mathcal{L}(\mathcal{L}_{\mathcal{M}})$	1/6	(a) 1-	01 :
			ours.	, Chainman.
		Jam	ur	, Chainman.
	Clay	12)0	lson	, Moundman
				, Moundman,
,	<i>[</i>]			**************************************
	100	sow	ter	\dots , $Axman$.
		<i>f</i>		\dots , $Axman$.
· · · · · ·	1.0	in les	el	\dots , $Flagman$.
FINAL OATH	,	ı		, I vagnan.
	211	~ ·		
We hereby certify that we assisted				
	, United Sta	ntes Deput	setinan § Surveyor,	in surveying al
hose parts or portions of the fact. S.	_			-
- voo par or porvious or the	0		000.	
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		•	. C 43	Gila and
H. 14 Q'	<u></u>	•	or the	ana ana
Salt River meridian, Perrito	of and	youa	=, which	are represented
the foregoing field notes as having been survey	yed by him and un	der his dir	ection; and t	that said survey
as been in all respects, to the best of our know				
orner monuments established, according to the	instructions furn	ished by t	the United S	States Surveyor
eneral for Longona	() 0	1		,
	1X - G. K	som	lo.	Chainman
2		1	- -v	, Chainman.
	7 .			
	Clay	Poo	C319-7-1	, Moundman.
	·			, Moundman.
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		910	wen	Axman.
	<u></u>			, Axman.
	T. Sh	imle	mil	Flaaman
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abscribed and sworn to before me this 28#	·}		~	
day of March, 1911	alh	rd M	Oles	w
OOOOOO O SEAL O		11/0		turan
000000	1	1.50	ransi	turan

6-151

OK alfred W. Oliver	
olemnly swear that, in pursuance of a contract receive	
Jnited States Surveyor General for	hearing date of the
Inited States Surveyor General for	9/0, I have well, faithfully, and truly in my own
proper person, and in strict conformity with the inst	
deneral for dingona, the Ma	mual of Surveying Instructions, and the laws of the
United States, surveyed all those parts or portions of	sur grace. U o og. og
1) 11 11. Cg 12 W.	
	2:4
	of the Gala and
falt River meridian, in the Persitory	of Cuyona, which are represented in th
oregoing field notes as having been surveyed by me,	
wear that all the corners of said survey have been es	
he Manual of Surveying Instructions, and the special	
deneral for Cuyona and in the s	
he foregoing are the original field notes of such surv	
	•
* *\$	and in the
\mathcal{L}	Ulfred M. Olins
	United States Deputy Surveyo
	Iransetra a
Subscribed by said grea, a	and sworn to before me
this I say day of aumong	
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poroporara /	Man I on Jack
Ö SEAL Ö GOGGGG	1/2/ Dungy General
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APPRO	OVAL
A	—
OFFICE OF THE UNITED STA	TES SURVEYOR GENERAL.
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4	Flatil Hard
The foregoing field notes of the survey of	A D SI
J. J. J. U. 12W,	JA JOE Mention
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(1) 131 M1. Met 1	1 2 1/2 710 12 1
executed by Ulfred I Clurr	THE C. NESSE /1/ Squishmen
under his contract No, dated,	August 35 , 19/8, having be
critically examined, and the necessary corrections a	and explanations made, the said field notes, and t
surveys they describe, are hereby approved.	
	• United States Surveyor Gener
I contify that the foregoing transprint of the fig	eld notes of the above-described surveys in
	copied from the original notes on file in this office.
, has been correctly	copied from the original hotes on the in this office

United States Surveyor General. .