

2156

NO. 2-1919

4-679.

Accepted, Dept letter E. April 6/10.

Book A.

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BOOK 2156

FIELD NOTES

OF THE SURVEY OF THE

2156

2156

Tract. T. & N. R. 22 E.

2156

Of the G. & S. R. Meridian,
in the Territory of Arizona

AS SURVEYED BY

William Strover

United States ^{Examiner of Surveys} ~~Deputy Surveyor~~

^{Instr. from the Hon. Comm.}
Under his Contract No. S. L. O.

dated

May 25

, 1909

Survey commenced

July 20

, 1909

Survey completed

July 20

, 1909

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BOOK 2156

INDEX DIAGRAM.

Township S N., Range 24 E.

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July 20, 1909

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BOOK 2156

PRELIMINARY OATHS OF ASSISTANTS.

WE, Chas. F. Strover and E. C. Hampel

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 tract of T. S. N. R. & E.

Chas. F. Strover, Chainman.
E. C. Hampel, Chainman.

Subscribed and sworn to before me this 20
day of July, 1909



William Strover
Examiner of Surveys

WE, _____ 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

_____, Moundman.
_____, Moundman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



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

_____, Axman.
_____, Axman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



Pursuant to instructions from the Hon. Commissioner of the General Land Office to the Surveyor General for Arizona I survey ~~survey~~ the fractional line bet secs. I & I2 in T. 8 N. R. 22 E. in order that the areas in fractional secs. I & I2 in said township may be properly computed and the settlers within the fractl. tp. may be afforded an opportunity to file on their lands.

July 20, 1909. I begin at the C.C. for Ts. 8 N. R. 22 & 23 E. on the 2nd. Standard Par. N., which is a sandstone boulder 16+17+14 ins. above ground, marked with 6 grooves on E. W. & S. faces, a mound of stone (scattered) S. of cor., 3 ft. dist., cor. stone mkd. C.C. on S.

a pine 18 ins. diam. bears S. 34° 24' E. 52 lks. dist., mkd. T. 8 N. R. 23 E S 6 B T

a pine 12 ins. diam. bears S. 69° 56' W. 37 lks. dist., mkd. T 8 N R 22 E S I B T

cor. stands on N side of road, E & W and S of a fence E & W about 40 lks. dist.

At this Closing cor. at 8 ocl. a.m., l.m.t., I set off 20° 44' on the decl. arc, 34° 4½' on the lat. arc and determine a meridian with the solar.

Thence I run West on N. bdy. of sec I, on 2nd. Std. Par. N. over rolling land through dense pine timber and undergrowth.

8.30 irrigating ditch NW & SE

13.45 fence N & S

36.85 fall 21 lks. S. of the cor. for secs. 35 & 36 T. 9 N. R. 22 E., a sandstone 3+10+8 ins. above ground, mkd. with 5 grooves on W. and 1 groove on E., S C on N.,

a pine 35 ins. diam. bears N. 70° 16' W. 91½ lks. dist., mkd. T 9 N R 22 E S 35 B T

a pine 19 ins. in diam. bears N. 43° 15' E. 65 lks. dist., mkd.

T 9 N R 22 E, barely distinguishable, remaining marks illegible.

From this cor. I run S 89° 22' W.

3.15 set a stake (later on establish ¼ cor for sec. I at this point)

12.69 according to my data should intersect the N. bdy. of the White Mountain Indian Reservation at this point, I make diligent search for a closing cor. but do not find any, neither do I find any bearing trees for C.C.

I now retrace a portion of the reservation bdy. and thence continue my line and at

14.00 intersect the N. bdy. of the White Mountain Indian Reservation

at N. 19° 43' W. of angle point 315, a pine 13 ins. diam., marked A P N B W M I R 315 on W, a blaze with the marks B M I R on E. side, a plain blaze on NW side.

At the point of intersection of the N. bdy. of sec. I with the reservation boundary I set a sandstone 7+13+15 ins. 2/3 in the ground for C.C. on N. bdy. of sec. I, marked C.C. on east face, W M I R on west face, 1 groove on E.,

a pine 12 ins. in diam. bears N. 6° 56' W. 14 lks. dist. marked

T 9 N R 22 E S 35 C C B T

a pine 13 ins. in diam. bears S. 45° 46' E. 38½ lks. dist., marked

T. 8 N R 22 E S I C C B T

I also erect a mound of stone 3 ft. base, 2½ ft. high 4 ft. E. of cor.

I now return to the point 3.15 chs. W. of the stand. cor for secs. 35 & 36, which is 40.00 chs. W. of the township closing cor.

and set a sandstone 6+12+15 ins. 2/3 in the ground for ¼ sec.

cor. on N. bdy. of sec. I, marked ¼ on S face, from which

a pine 10 ins. in diam. bears S. 69° 15' W. 37 lks. dist., mkd. ¼ S

I B T

an oak 9 ins. in diam. bears S. 4° 38' W. 57 lks. dist., marked ¼ S

I B T. I also erect a mound of stone 2½ ft. base, 2 ft. high

S. of cor. 2½ ft. dist.

Total length of line 50.85 chs.

Course of line is N. 89° 42' W. 36.85 chs. thence S 89° 22' W. 14.00 chs.

Land rolling. Soil loamy, 2nd. & 1st. rate. Good grass.

Pine and oak timber with undergrowth of same varieties.

From the cor. for secs. I, 6, 7 & I2, as established by deputy J. B. Wright under contract No. 133 (awaiting acceptance) which is a granite stone 15+18+18 ins. above ground, marked

T.8 N.R.22 E.,G. & S.R.Meridian,Arizona.

with 5 grooves on S. and I groove on N.faces,from which
a juniper cedar 35 ins.in diam.bears N.18°50'W.47 lks.dist.,mkd.

T 8 N R 22 E S I B T

a pine 16 ins.in diam.bears N.30°24'E.93½ lks.dist.,marked

T 8 N R 23 E S 6 B T

an oak 8 ins.diam.bears S.31°27'E.38 lks.dist.,marked T.8 N R 23

E S 7 B T

a pine 19 ins.diam.bears S.27°53'W.37 lks.dist.,marked T 8 N

R 22 E S I 2 B T

I run

0.72 South bet.secs.7 & 12 on range line and at
intersect the Closing cor.for secs.7 & 12,at the intersec-
tion with the N.bdy.of the White Mountain Indian Reservation,
which is a sandstone 9+11+10 ins.above ground,marked C C on
N.face,from which

a pine 19 ins. in diam.bears N.23°41'W.43½ lks.dist.,marked

T 8 N R 22 E S I 2 C C B T

an oak 8 ins. diam.bears N 29°35'E.41 lks.dist.,marked T 8 N

R 23 E S 7 B T C C

From this CC the angle point No.300,a pine tree properly
marked,bears N.51°24'E.9.39 chs.and angle point No.301,a pine
13 ins.in diam.,mkd.A P N B W M I R 301 bears S.51°24'W.
7.37 chs. dist.

I now return to the cor.for secs.I,6,7 & 12 and run thence
West bet.fractl secs.I & 12 though dense pine & oak timber
with very dense undergrowth

5.65 a pine 16 ins.in diam.on line

8.70 a black jack pine 12 ins.in diam.on line

21.00 a juniper cedar 18 ins.in diam.on line

27.09 an oak 15 ins.in diam.on line

33.24½ intersect the N.bdy.of the White Mountain Indian Reservation
at S.40°32'E.6.34 chs.from angle point No.306,a pine 14 ins.

in diam.,marked A P N B W M I R 306 on SE,B M I R on N.

at point of intersection I set a sandstone 8+12+14 ins.2/3
in the ground for closing cor.for secs 7 & 12,marked C C and
I groove on E face,from which

an oak 13 ins.diam.bears S.81°42'E 37 lks.dist.,marked

T 8 N R 22 E S I 2 B T C C

a pine 12 ins.in diam.bears N.60°03'E.1.03½ chs.dist.,marked

T 8 N R 22 E S I C C B T , also erected a mound of stone

2½ ft.base,2 ft.high E of cor.3 ft.dist.

Land rolling and hilly. Soil stony,4th.rate. Good grass.
Dense pine,oak and juniper timber with very dense undergrowth
of young pines,scrub oaks and cedars.

July 20,1909.

Note : The land within this fractl tp. is rolling and near
the reservation boundary is hilly.There is a fine stand of
heavy pine timber covering all of the fractl tp,with oaks
and juniper cedars and a dense undergrowth of young pines
cedars and scrub oak.Some settlers are located in sec.I.
Water is abundant and comes from numerous springs in the hills.
No indication of mineral was seen by me.

William Strover
Examiner of Surveys.

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Table of Latitudes and Departures, Sec. 1.

Course.	Dist.	Latitudes.		Departures.	
		N.	S.	E.	W.
N. 89° 41' W.	36.85	0.21			36.85
S. 89° 22' W.	14.00		.15		14.00
S. 19° 43' E.	0.42		.39	0.14	
E. 10° 04' W.	8.15		8.02	1.42	
S. 9° 08' E.	18.79		18.55	2.98	
S. 43° 58' W.	12.18		8.76		8.46
S. 70° W.	7.78		2.66		7.31
S. 41° W.	1.77		1.33		1.16
S. 56° 12' W.	1.82		1.01		1.51
S. 43° 40' W.	4.29		3.10		2.96
S. 35° 32' E.	9.52		7.75	5.53	
S. 45° 27' E.	21.69		15.22	15.46	
E. 32° 23' E.	3.20		2.70	1.71	
S. 38° 20' E.	3.24		2.54	2.01	
S. 55° 32' E.	6.51		3.68	5.37	
S. 40° 32' E.	6.34		4.82	4.12	
East,	33.24½			33.24½	
North,	80.00	80.00			
		80.21	80.68	71.98½	72.25
			80.21		71.98½
Error in Lat.			.47	Error in dep.	.26½

Sec. 12.

Course.	Dist.	N.	S.	E.	W.
South,	0.72		0.72		
S. 51° 24' W.	7.37		4.59		5.75
S. 63° 05' W.	4.50		2.04		4.01
S. 17° 53' W.	6.07		5.78		1.86
N. 84° 37' W.	3.80	0.35			3.78
N. 87° 42' W.	8.52	0.34			8.51
N. 27° W.	4.84	4.31			2.19
N. 42° 32' W.	11.05	8.39			7.18
East,	33.24½			33.24½	
		13.39	13.13	33.24½	33.28
		13.13			33.24½
Error in lat.		.26	Error in Dep.		.03½

For authority for red ink corrections see Exam. Stovins letter of Nov. 6 - 1909.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

Tract T. S. N. R. 22 E.

showing the respective capacities in which they acted:

Chas. F. Strover , Chainman.

E. C. Wampel , Chainman.

..... , Moundman.

..... , Moundman.

..... , Axman.

..... , Axman.

Ray Fenrod

..... , Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted William Strover
Examiner of Surveys, United States Deputy Surveyor, in surveying all those parts or portions of the

Tract T. S. N. R. 22 E.

..... of the G. & S. R. meridian, Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

Chas. F. Strover , Chainman.

E. C. Wampel , Chainman.

..... , Moundman.

..... , Moundman.

..... , Axman.

..... , Axman.

..... , Flagman.

Subscribed and sworn to before me this 21
day of July, 1909



William Strover
Examiner of Surveys
G. S. D.

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BOOK 2156

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, William Strover ^{Examiner of Surveys} United States ~~Deputy Surveyor~~, do solemnly swear that, in pursuance of a ^{Spec. Instr.} contract received from Hon. Commissioners United States Surveyor General for of the G. L. O., bearing date of the 25th day of May, 1909, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

Tract. T. S. N. R. 22 E.

of the G. S. R. meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William Strover

United States ~~Deputy Surveyor~~
^{Examiner of Surveys}

Subscribed by said William Strover, and sworn to before me
this thirtieth day of October, 1909.

Stephen R. Hanson
U. S. Surveyor General for Wyoming.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. July 19, 190-1910

The foregoing field notes of the survey of fractioned T. S. N. R. 22 E.
Gila and Salt River Base and Meridian, Ariz.

executed by William Strover ^{U. S. Exam. of Surveys}
under ^{Spec. Instr. from G. L. O.} his contract No. May 25, 1909, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

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

United States Surveyor General.