

2288

Book O

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BOOK 2288

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FIELD NOTES

OF THE SURVEY OF THE

Frequentation Subdivision of T. 8 R. 10. E.

Resurvey of Portion of the East Bdy T. 8 R. 10. E.

and

Retracement of Portion of the South Bdy of T. 8 R. 10. E.

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Of the

T. 8 R. 10. E.

Meridian,

Arizona

AS SURVEYED BY

Hugh J. Duval

, United States Deputy Surveyor;

Under his Contract No. *163*, dated *May 16*, 19*10*

Survey commenced *July 8*, 19*11*

Survey completed *4 13*, 19*11*

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For NAMES AND DUTIES OF ASSISTANTS.

See Book B

BOOK 2288

INDEX DIAGRAM.

Township 82, Range 10E

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PRELIMINARY OATHS OF ASSISTANTS.

BOOK 2288
WE,

and

See Pk. B.

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

....., *Chainman.*

....., *Chainman.*

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



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, 19 }



WE, and

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

....., *Axman.*

....., *Axman.*

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



I,, 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, 19 }



Retracement of a part of the S. Bdy. of T. 8 S., R. 10 E.

Chains.

Feb. 8; For test of instrument on this date see Book M, N. and W. Bdrs. of this Tp.

From the cor. of secs. 4, 5, 32 and 33, old stake, properly marked, around which I raise a mound of stone, (and witnessed as described by the Sur. Genl.)

I run $S. 89^{\circ} 54' W.$ bet. secs. 5 and 32.

40.00 Old stake, indistinctly marked.

80.00 Old stake, indistinctly marked.

 $S. 89^{\circ} 54' W.$ bet. secs. 6 and 31.

40.00 Old stake, indistinctly marked.

76.00 The cor. of Tps. 8 and 9 S., Rs. 10 and 10 E., a post 4 ins. sq., 2 ft. above ground, properly marked and witnessed as described by the Surveyor General, around which I raise a mound of stone.

Feb. 8th, 1911.

Augustus J. Depledge
S. S.

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Retracement and Re-survey of a part of the E. bdy. T.8 S., R.10E

From the cor. of Tps. 7 and 8 S., R. 10 and 11 E., previously described, I run South, on random line. 40.00 chs. fail to find any trace of $\frac{1}{4}$ sec. cor. find traces of old pits and stake. 30.00 A+

I re-establish this cor. as follows:-

Set a mesquite post, 4 ins. sq., 36 ins., long; 24 ins. in the ground, with marked stone; marked T8SR11E56 on NE., R11E57 on SE., S12 on SW. and R10E51 on NW. face, with 1 notch on the N. and 5 notches on the S. edge, and dig pits, 18x18x12 ins., in each section, 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Thence I run North bet. secs. 1 and 6 on a true line.

40.00 Set a mesquite post, 4 ins. sq., 36 ins. long, with mkd. stone, 24. ins in the ground, for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S1 on W. and 6 on E. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 The cor. of Tps. 7 and 8 S., R. 10 and 11 E., previously described.

Land rolling. Soil 3rd rate. Mesquite brush. Feb. 10th, 1911.

----- Hugh C. Dullal -----p

Chains.	Feby.13: From the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the township, previously described, I run West on a true line bet. secs. 1 and 12.
40.00	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S1 on N. and 12 on S. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
80.00	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, mkd. T8SS1 on NE., R1OES12 on SE., S11 on SW. and S2 on NW. face, with 1 notch on the E. and 5 notches on the S. edge, and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land rolling. Soil 2nd rate. Mesquite brush.

	N.O*1'W. on a random line bet. secs. 1 and 2.
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect the N. bdy. of the township at a point 6 lks. E. of the cor. of secs., 1, 2, 35 and 36, previously described. Thence I run, S.O*4'E. on a true line bet. secs. 1 and 2.
40.30	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S2 on W. and 1 on E. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
80.30	The cor. of secs. 1, 2, 11 and 12. Land rolling. Soil 2nd rate. Mesquite brush.

	West on a true line bet. secs. 2 and 11.
40.00	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S ¹³ on N. face, and 11 on S. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
80.00	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground, for the cor. of secs. 2, 3, 10 and 11, mkd. T8SS2 on NE., R1OES11 on SE., S10 on SW. and S3 on NW. face, with 5 notches on the S. and 2 notches on the E. edge, and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2ft. high, W. of cor. Land rolling. Soil 2nd rate. Mesquite brush.

	N.O*1'W. bet. secs. 2 and 3 on a random line.
40.00	Set a temp. $\frac{1}{2}$ sec. cor.
80.75	Intersect the N. bdy. of the township at @ 4 lks. E. of the cor. of secs. 2, 3, 34 and 35. previously described Thence I run S.O*3'E. on a true line bet. secs. 2 and 3.
40.75	Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S3 on W.

Chains.

and 2 on E. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

80.60
 80.75

Arroyo, 10 lks. wide, course SW.
 The cor. of secs. 2, 3, 10 and 11.
 Land rolling. Soil 2nd rate. Mesquite brush.

 West on a true line bet. secs. 3 and 10.

.20
 40.00

Arroyo, 10 lks. wide, course SW.
 Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground, for the ¼ sec. cor., mkd. ¼S3 on N. and 10 on S. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.00

Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone 24 ins. in the ground, for the cor. of secs. 3, 4, 9 and 10, mkd. T8SS3 on NE., R10ES10 on SE., S9 on SW. and S4 on NW. face, and dig pits, 18x18x12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land rolling. Soil 2nd rate. Mesquite brush.

Feb. 13th:- At this cor., I set off 13°31'S. on the decl. arc, and at 12h14½m, p. m., 1. m. t., I obs. the sun on the mer., the resulting lat. is 32°45' N.

 N.0*2'W. bet. secs. 3 and 4 on a random line.

40.00
 81.00

Set a temp. ¼ sec. cor.
 Intersect the N. bdy. of the township at a point 6 lks. W. of the cor. of secs. 3, 4, 33 and 34, previously described.

Thence I run S.0*1'N. on a true line bet. secs. 3 and 4.

41.00

Set a mesquite post, 3 ft. long, 4 ins. sq., with mkd. stone 24 ins. in the ground, for the ¼ sec. cor., mkd. ¼S4 on W. and 3 on E. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

81.00

The cor. of secs. 3, 4, 9 and 10.

Land rolling. Soil 2nd rate. Mesquite brush.

 West on a true line bet. secs. 4 and 9.

40.00

Set a post, mesquite, 3 ft. long, 4 ins. sq., with mkd. stone, 24 ins. in the ground, for the ¼ sec. cor., mkd. ¼S4 on the N. and 9 on the S. face, and dig pits, 18x18x12 ins. E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.00

Set a granite stone, 18x7x5 ins., 12 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, mkd. with 4 notches on the E. and 5 notches on the S. edge, and dig pits, 18x18x12 ins., in each sec., 5½ ft. dist. and raise a mound of earth, 4½ ft. base, 2 ft. high, W. of cor.

Land rolling. Soil 2nd rate. Mesquite brush.

Feb. 13th:- At this cor., I set off 13°28'S. on the decl. arc, 57°15' on the co-lat. arc, and at 3h. p. m., 1. m. t., determine a mer. with the solar.

JUL 28 1911

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Subdivisional Lines of T. 8 S., R. 10 E.

Chains.

From the cor. of secs. 4, 5, 8 and 9, previously described, I run N.0°2'W. on a random line bet. secs. 4 and 5.

40.00 Set a temp. 1/4 Sec. cor.

81.34 Intersect the cor. of secs. 4, 5, 32 and 33, previously described.

Thence I run S.0°2'E. bet. secs. 4 and 5.

.56 Fence bears E. and W.

10.94 Road bears NE. and SW.

41.34 Set a granite stone, 18x17x5 ins., 12 ins. in the ground for the 1/4 sec. cor., mkd. 1/4 on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3-1/2 ft. Base, 1-1/2 ft. high, W. of cor.

81.34 The cor. of secs. 4, 5, 8 and 9.
 Land rolling. Soil 3rd rate. Mesquite brush.
 Feb. 13th, 1911.

GENERAL DESCRIPTION.

This township is rolling in the NE. part. Mountainous and rough in the Southern and Western part and for the most part covered with a growth of cactus and mesquite brush, which is scattered all over the township.

The Soil is good third rate sandy loam.

Hugh F. Dulal
 W. S. D. S.

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 Hugh J. Duval

....., 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 the lines

designated below - under Cont. #163

showing the respective capacities in which they acted:

H. J. Duval , Chairman.

Chris Phillips , Chairman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

Bob Manuel , Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Hugh J. Duval

..... United States Deputy Surveyor, in surveying all

those parts or portions of the Subdivisions of T9S.R31E - T15S.R26E - & fragmentary subdivision of T23S.R24E - T20S.R21E - T18S.R23E - T12S.R13E - T12S.R9E - T1S.R10E - T1S.R10E - The resurvey of the S. bdy. T12S.R13E - Frac. N & E. bdrs. T9S.R31E - Frac. S & E. bdrs. T15S.R26E - Frac. E bdy. T1S.R10E - Frac. E bdy. T8S.R10E. The retracement of Frac. W. bdy. T18S.R23E - Frac. E bdy. T15S.R26E - Frac. E. bdy. T12S.R13E & Frac. S. bdy. T8S.R10E.

..... of the Gila and

Old River 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

Bob + Manuel , Flagman

Chris Phillips , Chairman.

H. J. Duval , Moundman

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this 28th

day of June, 1911



John Evans
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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I, Hugh J. DuVal United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank D. Ingalls United States Surveyor General for Arizona, bearing date of the 16 day of May 1910, 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 the subdivisions of T9S.R31E - T15S.R26E - and the fragmentary sub. of T23S.R24E: T20S.R21E: T18S.R23E: T12S.R13E: T12S.R9E: T7S.R10E - T8S.R10E: The resurvey of S. bdy. T12S.R13E - frac. N&E bdrs. T9S.R31E - frac. S&E bdrs. T15S.R26E - frac. E. bdy. T7S.R10E - frac. E. bdy. T8S.R10E - Retracement frac. W. bdy. T18S.R23E - frac. E. bdy. T15S.R26E - frac. E. bdy. T12S.R13E - frac. S. bdy. T8S.R10E of the G. & P. R. Co. 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.

Hugh J. DuVal
United States Deputy Surveyor.

Subscribed by said Hugh J. DuVal, and sworn to before me }
this 28 day of July, 1911

J. I. Merritt
Clerk Circuit Court
By J. B. Hawkins D.C.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona July 13, 1912.

The foregoing field notes of the survey of the fragmentary Subdivision of T8R10E, Resurvey of Portion of the East Boundary & Retracement of Portion of the South Boundary of T8R10E Gila and Salt River Base and Meridian, Arizona

executed by Hugh J. DuVal, W.S.D.
under his contract No. 163, dated May 16, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.
Frank D. 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.