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HOMESTEAD ENTRY SURVEY NO. 72.
Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE

HOMESTEAD ENTRY CLAIM

OF

Charles F. Davis

Described as

Phoenix, Arizona, H. E. No. 011070, List No. 3-441.

Situated in Sec. 2, T. 22 S., R. 18 E. surveyed

and Sec. 35, T. 21 S., R. 18 E., unsurveyed,

G. & S. R. B. & M.

Coronado National Forest.

Santa Cruz County, Arizona.

Of the ..... *Meridian,*

In the State of .....

EXECUTED BY

Charles C. Tillotson

In the capacity of U. S. Mineral *Surveyor*, *under instructions dated* June 12, *1912*, *issued by the United States Surveyor General* ~~*to govern surveys included in Group No.*~~ ....., *which were approved by the Commissioner of the General Land Office,* June 25, *1911*, *pursuant to authority contained in the Act of Congress dated* June 11, 1906, *191*

Survey commenced June 26, *1912*.

Survey completed Nov. 11, *1912*.

Address Claimant-Chas. F. Davis, Canille, Ariz. Attorneys, M. E. Leverich & Co., Phoenix, Ariz. Entry dated June 30, 1910. Survey applied for Aug. 3, 1911. Authorization for survey, General Land Office letter dated Aug. 18, 1911, "E" J.S.W. 165951, and special instructions of June 12, 1912.

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INDEX DIAGRAM.

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Copied Jan. 3, 1913.

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NOV. 21. 1912

AUG. 15 1912

HOMESTEAD ENTRY SURVEY NO. 72

Arizona Land District.

FIELD NOTES

of

The Survey of the Homestead Entry Claim

of

Charles F. Davis

Described as

Phoenix, Arizona H. E. No. 011070 List No. 3-441

Situated in Sec 2 Tp 22S, R 18E, surveyed and Sec 35 Tp 21S. R 18E unsurveyed, G & S.R.B.M., and in the Coronado National Forest, Santa Cruz County, Arizona.

Surveyed under instructions dated June 12, 1912, ~~1909.~~

by Charles C. Tillotson
U. S. Mineral Surveyor.

Survey commenced June 26 - 1912

Survey completed ~~June 30~~ Nov 11 1912

Address: Claimant Chas. F. Davis Camille Ariz
Attorneys. M. E. Severich & Co. Phoenix Ariz.

Entry dated June 30, 1910. ~~Receipt No 387401~~
Survey applied for Aug 3, 1911. Authorization for survey, General Land office letter dated Aug 18, 1911. "E" J.S.W. 165951, and special instructions of June 12, 1912

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Method of Subdividing Sec. 2, Tp. 22 S.; R. 15 E.

Chains

Running north from ¼ cor on west side of Sec 2, the line between Secs 2 & 3 was found to be N 0°-01' E 39.55 chs. Sec cor 2 ~~&~~ 3 ~~-34-35~~ on north bdy of Tp is a porphyry stone 8"x4"-10" above ground, having 2 notches on the E. and 4 notches on the N. side, monument alongside. Hence point for cor No. 2 was placed 30 x 39.55 ÷ 39.75 or 29.85 chs from ¼ cor.

The ¼ cor at middle of N. side of Sec 2, a porphyry rock 6"x8"-8" above ground, chiseled ¼ on N, monument alongside, was found to bear S 89°-31' E 40.08 chs from sec. cor. last described. ~~Corners 4 and 11 were therefore set at 10.02 and 20.04 chs respectively from N.W. cor of Sec 2.~~ Cor No 16 was set on line connecting ¼ cors on E and W sides of section, and lengths of all lines within the section determined from the distances of ¼ cors on E & S sides from section cors at NE cor and S.W. cor of Sec 2 respectively.

Beginning at Cor #1, identical with ¼ cor between Sec 2 & 3, Tp. 22 S, R. 15 E, G.& S.R. M. a porphyry stone 8"x6"-6" above ground chiseled ¼ on E side, monument alongside, I add 1-HES 72, C.C, and x at exact point of beginning.

Whence

Chains

x BT 72 on oak tree 6" in diameter
bears N 79°-35' E .41 chs
x BR 72 on quartzite rock 10" x 6" face
bears N 60° W .17 chs
Thence N 0°-01' E along sec line between
secs. 2 & 3 Var. 13°-55' E.

21.50 Old Shaft .45 chs E.

29.85 Cor #2 set a porphyry stone 24" x 8" x 6",
12" in ground, chiseled 2 H E S 72 CC, x
at exact point. Whence
x BT 72 on oak tree 14" dia. bears
N 28°-30' W .22 chs
x BR 72 on porphyry rock 14" x 6" face
bears S 69° W .32 chs. No other
bearings available. Thence
S. 89°-31' E Var 13°-45'

10.01 Cor #3 set a quartzite stone 22" x 10" x 4"-12"
in ground, chiseled 3 H E S 72, x at exact
point, whence
x BR 72 on quartzite rock 10" x 8" face
bears N 34°-50' W. 23 chs.
x BT 72 on oak tree 16" dia bears S 34°-35' E
.70 chs. No other bearings available
Thence ~~North~~ East Var 13°-45'

9.64 Cor #4 on north bdy line of Tp 22 S, S
89°-31' E ~~10.02~~ 9.64 chs from sec cor ~~2 & 3-34-35~~ T. 22 S., R 18 E.
set a porphyry stone 22" x 10" x 8"-12" in
ground chiseled 4 H E S 72 CC, x at exact
point, Whence
x BR 72 on porphyry rock 16" x 10" face
bears N 67°-43' W. 28 chs
x BT 72 on oak tree 18" dia bears
N 58° 22' W .71 chs

See pages 3 & 4 of corrective field notes hereto attached.

Chains

~~Thence N 89°-31' W. Var. 13°-40' E. following~~
north boundary of Tp 22 S, R. 18 E,

5.00 Pt. Whence listing corner a quartzite stone 12"x5"-12" above ground chiseled #-1 bears N. 13 chs. At this point on township line set a porphyry stone 24"x12"x5" chiseled 5-# E S 72 CC in mound of stone for cor #5, x at exact point.

Whence x B T 72 on white oak tree 18" dia bears S 56°-54' E. 21 chs

x B R 72 on porphyry rock 10"x8"-4" above ground bears N 59°-54' W. 17 chs

x B. T. 72 (W. # 1) on oak tree 12" dia bears S 83°-5' E. 1.59 chs

See pages 3 & 4 of corrective field notes hereto attached.

Thence N 0°-43' W Var 13°-40' E.

34.95 Listing corner a quartzite stone 4"x3"-12" long chiseled # 6, I replace by a quartzite stone 25"x12"x6" set 12" in ground, chiseled 6 # E S 72 for corner #6 and x at exact point, whence

x B R 72 (W # 6) on quartzite rock 24"x10"x6" bears N 19°-57' E .50 chs

x B R 72 on quartzite rock 10"x4"x10" ~~bears N 79° W. 18 chs.~~ Thence

N 88°-~~44~~ 39' E Var 13°-35' E.

See page 4 & 5 of corrective field notes hereto attached.

See page 5 of corrective notes

6.25 Old road course N. N. W

33.59

~~34.74~~ Listing corner a quartzite stone 5"x3"-6" above ground chiseled # 5 on W. and # 12 on E side, being also the N. W. Cor. of the homestead entry of Francisco N. Frederico. Contiguous to this on the West I set a quartzite stone ~~24~~ 18"x6"x ~~4~~ 6"-10" in ground for cor. No 7, chiseled 7 # E S 72, in a mound of stone, x at exact point. Whence

x B R 72 on porphyry rock 12"x6"-4" above ground bears S 30°-18' W. .30 chs

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	Chains	
		X BR 72 on porphyry rock 11"x4"-1" above ground bears S 73° E .13 chs
See page 5 of corrective field notes		Thence S ~~0~~ 10° - ~~39~~ 05' E Var 13° - 25' E.
	10.60	Road, course E N E
	11.24	Enter dry wash .50 chs wide course E'ly
	~~19.92~~ 19.94	Listing corner a quartzite stone 8"x6"-6" above ground, chiseled # 4 on W and #1 on E side, being also the S.W. corner of homestead entry of Francisco N. Fredericos. Add X 8 # E S 72 for cor # 8.
		Whence X BR 72 on quartzite rock 12"x10"-5" above ground bears S 81° - 45' East 1.11 chs
		X BT 72 on oak tree 10" dia bears N 46° - 05' E 1.42 chs
See page 5 of corrective notes.		Thence S 88° - ~~56~~ 50' W Var. 13° - 35' E.
	15.15	Enter wash .61 chs wide course N E
	16.82	Road, Course N E
	~~24.91~~ 24.94	Listing corner a quartzite stone 12"x5"-10" above ground chiseled # 3, add X 9 # E S 72 for cor # 9. Whence
		X BR 72 on porphyry rock 10"x6"-2" above ground bears N 34° - 54' E. .15 chs.
		X BR 72 on porphyry rock 12"x6"-1" above ground bears S 4° W .06 chs
		Thence S 0° - 59' E Var 13° - 35' E.
	6.06	Intersect road in wash .50 chs wide course southerly, follow wash
	15.17	Cor # 10 on township line N. bdy Sec 2 Tp 22 S, R 18 E. From corner, which falls in dry stream bed, true point of listing cor. bears N .21 chs.
		X BT 72 on sycamore tree 3 ft dia. bears N 86° E. .64 chs
		X BT. 72 on oak tree 20" dia bears S 12° - 23' W 1.08 chs.
See page 6 of corrective notes.		On section line N 89° - 31' W. ~~.76~~ .75 chs from

Chains	
	true corner, set witness corner, a porphyry stone 24"x10"x4"-12" in ground, chiseled N C 10 H E S 72 CC, x at exact point, Whence witness to listing corner bears N. .11 chs. From true corner run S 89°-31' E, following section line. Var 13°-40' E.
1.10	Ascend steep hillside to elevation 100 ft above creek bed.
5.29 ~~5.04~~	Cor No 11 set a porphyry stone 30"x10"x4" in mound of stone and chisel 11, H E S 72 CC x at exact point whence (see page 5 of corrective notes.)
	x B T 72 on oak tree 16" dia bears S 7° W. 1.49 chs
	x B R 72 on porphyry rock 48"x30" bears N 61° W .06 chs
	Thence South Var 13°-35' E over rolling hillsides
9.70	Cor No 12 set a porphyry stone 26"x8"x6"-12" in ground chiseled 12 H E S 72 x at exact point, whence
	x B R 72 on porphyry rock 14"x12" face bears N 60°-51' W .51 chs
	x B R 72 on porphyry rock 12"x10" face bears N 3°-42' E. .50 chs
	Thence S 89°-31' E. Var 13°-30' E.
5.00	Cor #13 set a quartzite stone 24"x12"x8"-12" in ground, chiseled 13 H E S 72 x at exact point, whence
	x B T 72 on oak tree 12" dia bears N 43°-32' W .73 chs
	x B R 72 on quartzite rock 12"x10"-12" above ground bears N 13°-50' E .37 chs

Chains	
	Thence South Var 13°-25' E.
4.55	Fence course E SE, barbed wire
7.55	Barbed wire fence course S S W
17.25	Point whence W. 60 chs an old shaft 6 ft deep, caved,
19.86	Cor #14, set a quartzite stone 20"x10"x6" 11" in ground, chiseled 14 H E S 72, X at exact point. whence
	X B T 72 on oak tree 10" dia bears N 34°-00' E .77 chs
	X B T 72 on oak stump 12" dia bears S. 76°-08' W .36 chs
	Thence N 89°-30' W. Var 13°-10' E.
3.26	Barbed wire fence, course S.S.W
5.00	Set a quartzite stone 20"x10"x6"-10" in ground for cor #15, chiseled 15 H E S 72, X at exact point, whence
	X B R 72 on quartzite rock 12"x6" face bears N 81°-35' E .17 chs
	X B R 72 on quartzite rock 36"x36"x12" bears N 6°-25'-E .19 chs
	Thence South Var 13°-15' E. ascending on rolling hillsides
6.30	Barbed wire fence, course S. S. W
9.94	a point on latitudinal ¼ sec line, 130 ft. above creek bed. set a quartzite stone 24"x10"x4"-12" in ground chiseled 16 H E S 72, X at exact point, whence
	X B R 72 on porphyry rock 12"x6"-4" above ground bears N 8°-24' W .36 chs
	X B T 72 on oak tree 12" dia bears N. 46°-43' E 1.36 chs
	Thence N. 89°-30' W. Var 13°-25' E. descending steep hillsides

Chains	
7.10	Enter bed of creek .65 chs wide, course northerly.
7.75	Irrigation ditch course N. N. W
17.37	Road course south
20.04	Cor #1 place of beginning

Area in Sec. 2, T. 22 S., R. 18 E. ~~79.40~~ 79.87 Acres
Area in Sec 35, T. 21 S., R. 18 E. Uns. ~~84.29~~ 80.13
Total Area ~~163.69~~ 160.00 Acres

See area computations attached to corrective field notes hereto attached.

Location

This survey is located partly in Sec 2 Tp 22 S, Range 18 E G & S R M, and partly in what will be when surveyed, Sec 35, Tp 21 S, Range 18 E, Coronado National Forest, Santa Cruz County Arizona. It is distant about 1½ miles in a northeasterly direction from Canille Postoffice. It is identical with listing survey, except cors nos. 5 and 10, set due south of listing corners, as per instructions, in order to fall on section lines, and Cor #7 where listing corner was far below required size, I set new stone against listing corner in order not to obliterate corner of adjoining claim. The new corner is virtually identical with the old one

Adjoining and Conflicting Claims.

So far as could be discovered, there are no mineral claims adjacent to this survey. There are a few old caved shafts, as a rule 6 or 8 ft. deep, on and near this claim, but no claimants could be discovered; and monuments, if any had been on the ground, were obliterated.

The homestead, unsurveyed, of Francisco N. Frederico, List 3-437 Phoenix entry No 011647, adjoins this claim on the east along the line 7-8.

The S. W. cor of List 3-438, Seth Pyeatt entryman, Phoenix entry No 011708 is 40 chains or more north east of ~~this~~ line 7-8 of this survey, adjoining the claim of Frederico on the N.E.

Improvements.

From Cor #1, the ¼ cor. between Secs 2 & 3, an adobe house known as Evan's Adobe, 60 ft long N & S, 16 ft wide, bears N 44° 50' E. 7.62 chs. South 18 chs from the S. E. corner of adobe is the N. W. corner of a log corral about 1 ch. square, E N E 2 chs. from the house, a well 5 ft. dia., 25 ft. deep.

An irrigation ditch starting in the creek bed at the intersection with line 16-1 of the survey, trends N and N W, length 140 chs. The principal other improvements consists of irregular barbed wire fencing, approximately as shown in accompanying plat.

Instrument.

This survey was made with a Young & Sons Transit No. 6855 fitted with Smith solar attachment. Courses were deflected from true meridian obtained by solar observations, from data as follows:

Nov. 9, 1912

Latitude 31° 33' North, Longitude 110 ½° Gr.

Hourly change – 43"

Local mean time	Declination –	Correction for refraction +	Corrected Declination –	Correction for Declination arc of instrument – 15'
4.40 a m Greenwich M.	16°-50'-35"			
5 a m	50"			
6 "	16°-51'-33"			
7 "	16°-52'-16"			
8 "	59"			
9 "	16°-53'-42"	1'-28"	16°-52' ¼	17°-07¼'
10 "	16°-54'-25"	1'-11"	54¼'	09¼'
11 "	16°-55'-08"	1'-02"	54'	09
12 noon	51"	1'-02"	54¾'	09¾'
1 P M	16°-56'-34"	1'-02"	55½'	10½'
2 "	16°-57'-17"	1'-11"	56'	11'
3 "	16°-58'-00"	1'-28"	56½'	11½'

Distances were measured with 100 and 500 ft. steel tapes.

Charles C. Tillotson
U. S. Mineral Surveyor

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INSTRUCTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
2. In balancing Lat. and Dep. do not obliterate or change the original figures:
Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to the decimal specified.

TABLING AND CALCULATIONS OF Homestead Entry, SURVEY No. 72

3—95

No.	COURSE.	DISTANCE.	LATITUDES. North.	LATITUDES. South.	DEPARTURES. East.	DEPARTURES. West.	DOUBLE M. D.	N. AREAS.	S. AREAS.
	Area in Section 2, Tp. 22 S., Range 18 East.								
1-2	N 0°-01' E	29 85	29 85		01		01	30	
2-3	S 89°-31' E	10 01		~~07~~ 08	10 01 -05 9.96		10 03 9.98		80
3-4	N	9 64	9 64				20 04 19.94	193 19 192.22	
4-11	S 89°-31' E 10.25	10 02		~~04~~ 08	10 02 25 -05 10.20		30 06 30.19		2 40
11-12	S	9 70		9 70			40 08 40.34		388 78 391.30
12-13	S 89°-31' E	5 00		04	5 00 -02 4.98		45 08 45.32		1 80
13-14	S	19 86		19 86			50 08 50.30		994 59 998.96
14-15	N 89°-30' W	5 00	04			5 00 +.04	45 08 45.29	1 80	
15-16	S	9 94		9 94			40 08 40.28		398 40 400.38
16-1	N 89°-30' W	20 04	17			20 04 +.10	20 04 20.14	3 41	
		129 06	39 70	39 ~~72~~ 70	25 04 27 25 15	25 04 25 15		198 70	1786 77 198 70
									20 / 1588 07
									79.404 Acres

79.90
80.12

Eliminate new closing

45aa

ECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
2. In balancing Lat. and Dep. do not obliterate or change the original figures:
Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to the decimal specified.

3—95

TABLING AND CALCULATIONS OF Area of Homestead Entry, SURVEY No. 72

No.	COURSE.	DISTANCE.	LATITUDES. NORTH.	LATITUDES. SOUTH.	DEPARTURES. EAST.	DEPARTURES. WEST.	DOUBLE M. D.	N. AREAS.	S. AREAS.
	Portion embraced within Unsurveyed Tp 21 S R 18 E.								
6-7	N 88° 41' E	3474	80		3473 79		3479	2783	
7-8	S 0° 39' E	1992		1992 99	23		6981		139550
8-9	S 88° 56' W	2491		47		2491 88	4516		2123
9-10	S 0° 59' E	1517		1517 24	26		2054		31303
10-5	N 89° 31' W	998	08			998 96	1084	87	
5-6	N 0° 43' W	3495	3495 82			44	44	1532	
			3543 70	3556 70	3522 28	3533 28		4402	172976
									4402
									20)168574
									84.29 acres.

See corrected survey

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49 AUG. 20. 1912

We, Patrick J. McCarty and Henry Pyeatt do solemnly swear that we assisted Charles C. Tillotson United States Mineral Surveyor, in marking the corners and surveying the boundaries of the Homestead Entry claim of Charles F. Davis, of Camille Ariz described as Serial No 011070. Homestead Entry Survey No 72

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor General for Arizona.

Henry Pyeatt
Chainman.

Patrick J. McCarty
Chainman.

Axman.

Flagman.

Subscribed and sworn to by the above named persons before me this 10th day of August 1912

(Seal)

Ada E. Carley
Notary Public

My commission expires Sept. 26, 1912.

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FINAL OATH OF U.S. MINERAL SURVEYOR.

I, Charles C. Tillotson U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor-General of Arizona, dated June 10 1912, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor-General, faithfully and correctly executed the survey of the Homestead Entry Claim of Chas F. Davis, described as H. E. No. 011070, List No. 3-441, situate in the ~~Sierra~~ Coronado National Forest, Santa Cruz County, Arizona, and designated as Homestead Entry Survey No. 72, as represented in the foregoing field notes, which accurately show the boundaries of said Homestead Entry claim as distinctly marked by monuments on the ground, and described in List No. 3-441, as incorporated in the instructions for the survey received from the Surveyor-General, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations, and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein.

Charles C. Tillotson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Charles C. Tillotson, U. S. Mineral Surveyor, before me, Flora A. Rockfellow, this 8 day of August, 1912.

(SEAL)

Flora A. Rockfellow
Notary Public

My commission expires
Apr 25 1915

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not made a part of trans.

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W. $\frac{1}{2}$ SW. $\frac{1}{4}$ of Lot 3, the E. $\frac{1}{2}$ and the SW. $\frac{1}{4}$ of Lot 4, the SW. $\frac{1}{4}$ NW. $\frac{1}{4}$, and the W. $\frac{1}{2}$ NW. $\frac{1}{4}$ SE. $\frac{1}{4}$ NW. $\frac{1}{4}$, section 2, T. 22 S., R. 18 E., G. & S. R. B. & M., within the Garces National Forest, Arizona.

Chains.

North

10 To corner No. 3, a stone 6x12x15 inches marked H 3 in mound of stones whence a black oak tree 5 inches in diameter marked W H 3 bears N. 82° 30′ E. 1 chain 84 links and a white oak tree 24 inches in diameter marked W H 5 bears N. 20° 30′ E. 1 chain 63 links. Thence

East

25 To corner No. 4, a stone 8x12x15 inches marked H 1 on east side and H 4 on west side, in mound of stones whence a black oak tree 8 inches in diameter marked W H 1 bears N. 47° 30′ E. 1 chain 42 links and a black oak tree fifteen inches in diameter marked W H 4 bears N. 19° 30′ W. 3 chains 73 links. thence

North

20 To corner No. 5, a stone 4x4x15 inches marked H 5on west side and H 12 on east side, in mound of stones, whence a stone 4x6x12 inches marked W H 12 and surrounded with a mound of stones bears S. 45° E. 56 links and a stone 4x5x20 inches marked W H 5 in mound of stones bears S 45° W 48 links, thence

West

35 To corner No. 6, a stone 3x6x12 inches marked H 6 in mound of stones whence a boulder protruding from ground 6x12x24 inches marked W H 6 bears ~~north~~ N. 20° E. 50 links and a boulder protruding from the ground 8x18x20 marked W H 6 bears N. 27° W 64 links, thence

South

30 To corner No. 1. Tract containing 80 acres, be the same

2 Field Notes Application No. 64.

Chains.

North

10 To corner No. 3, a stone 6x12x15 inches marked 3 H in mound of stones whence a black oak tree 8 inches in diameter marked W H 3 bears N. 82° 30' E. 1 chain 84 links and a white oak tree 24 inches in diameter marked W H 3 bears N. 20° 30' E. 1 chain 65 links. Thence

East

25 To corner No. 4, a stone 8x12x15 inches marked 1 H on east side and 4 H on west side, in mound of stones whence a black oak tree 8 inches in diameter marked W H 1 bears N. 47° 30' E. 1 chain 42 links and a black oak tree fifteen inches in diameter marked W H 4 bears N. 19° 30' W. 3 chains 75 links. thence

North

20 To corner No. 5, a stone 4x4x15 inches marked 5 H on west side and 12 H on east side, in mound of stones, whence a stone 4x6x12 inches marked W H 12 and surrounded with a mound of stones bears S. 45° E. 56 links and a stone 4x5x20 inches marked W H 5 in mound of stones bears S 45° W 48 links, thence

West

35 To corner No. 6, a stone 3x6x12 inches marked 6 H in mound of stones whence a boulder protruding from ground 6x12x24 inches marked W H 6 bears ~~north~~ N. 20° E. 50 links and a boulder protruding from the ground 8x18x20 marked W H 6 bears N. 27° W 64 links, thence

South

30 To corner No. 1. Tract containing 80 acres, be the same

59

more or less.

Surveyed November 22, 1909.

W. H. B. Kent.

Forest Supervisor

Approved Dec. 11, 1909

P. J. Seckink

Forest Supervisor.

Approved.....

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5 Field notes Application No. 64

more or less.

Surveyed November 22, 1909.

Forest Supervisor

Approved.....

Forest Supervisor.

Approved.....

Div. "E" Key - not made a part of trans

AUG 23 1911

Garces National Forest.

Arizona.

Field notes of the survey of land applied for under the Act. of June 11, 1906, by Charles F. Davis of Canille, Santa Cruz Co. Arizona.

Application No. 64, Amended.

This survey was run on a variation of 13° 55′ E. the same as used in the survey of T. 22 S. R. 18 E.

Beginning at the northwest corner of Section 2, T. 22 S. R. 18 E. G & S R M, the plat of which was filed and approved in the Surveyor Generals office in Phoenix, Arizona, September 23, 1907. Thence

Chains.

East

5 To corner No. 1, a stone 12x12x14 inches marked H 1 set in mound of stones whence a white oak tree 18 inches in diameter marked W H 1 bears S. 37° 30′ E. 30 links and a white oak tree 14 inches in diameter marked W H 1 bears S. 78° 30′ E. 1 chain 64 links. Thence

East

10 To corner No. 2, corner No. 2 falls in bed of stream so set stone 4x12x22 inches marked H 2 in mound of stones on west bank of stream S. 83° W. 77 links from true corner. From true corner white oak tree 25 inches in diameter marked W H 2 bears S. 12° E. 1 chain 30 links and a sycamore tree 26 inches in diameter marked W H 2 bears S. 73° E 66 links, thence

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Garces National Forest.

Arizona.

Field notes of the survey of land applied for under the Act. of June 11, 1906, by Charles F. Davis of Camille, Santa Cruz Co. Arizona.

Application No. 64, Amended.

This survey was run on a variation of 15° 55' E. the same as used in the survey of T. 22 S. R. 18 E.

Beginning at the northwest corner of Section 2, T. 22 S. R. 18 E. G & S R M, the plat of which was filed and approved in the Surveyor Generals office in Phoenix, Arizona, September 23, 1907. Thence

East

5 Chains.

To corner No. 1, a stone 12x12x14 inches marked $\frac{H}{1}$ set in mound of stones whence a white oak tree 18 inches in diameter marked $\frac{W}{H}$ $\frac{}{1}$ bears S. 37° 30' E. 30 links and a white oak tree 14 inches in diameter marked $\frac{W}{H}$ $\frac{}{1}$ bears S. 78° 30' E. 1 chain 64 links. Thence

East

10 To corner No. 2, corner No. 2 falls in bed of stream so set stone 4x12x22 inches marked $\frac{H}{2}$ in mound of stones on west bank of stream S. 83° W. 77 links from true corner. From true corner white oak tree 25 inches in diameter marked $\frac{W}{H}$ $\frac{}{2}$ bears S. 12° E. 1 chain 30 links and a sycamore tree 26 inches in diameter marked $\frac{W}{H}$ $\frac{}{2}$ bears S. 73° E 66 links, thence

Form 85
Sheet No. 1

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U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

Feb 3 - 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 72

SITUATED IN THE

CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 2, - surveyed, Township 22 S., Range 18 E.

Section 35, -surveyed, Township 21 S., Range 18 E.

- -

- -

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor - Forest Service

Under special instructions dated September 16, 1914 and
supplemental special instructions dated December 5 1914.
Survey commenced December 16, 1914

Survey completed December 17, 1914

Under Acts of June 11, 1906 and June 30, 1914

Applicant for listing Charles F. Davis,

Residence Canille, Arizona

Application No. 110, dated December 13, 19 09

List No. 3-441, dated February 9, 19 10

Applicant for survey Charles F. Davis,

Residence Canille, Arizona

H. E. No. 011070, dated June 20, 1910

Land district Phoenix, Arizona

8—2349

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OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley, Surveyor - Forest Service in surveying all those parts or portions of Homestead Entry Survey No. 72, in - surveyed Section 2, Township 22 S., Range 18 E., - surveyed Section 35, Township 21 S., Range 18 E.,

of the G. & S.R.B.& meridian, State of ARIZONA, which are represented in the following 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.

Note: It would have been very expensive and inconvenient to appear before an officer to administer the oaths to Assistants; hence, they were taken by the Surveyor.

Charles D Hodson Chainman

Charles H Baecht Chainman

Subscribed and sworn to before me this 21st day of January, 1915.

Walter G. Turley
Surveyor-Forest Service

OATH OF SURVEYOR

I, Walter G. Turley, Surveyor - Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for ARIZONA dated Sept. 16, 1914 & Supp'l Instrs. dated Dec. 5, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 3-441, dated February 9 1910, for PATENT, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 72, situated within the CORONADO National Forest, in - surveyed Section 2, Township 22 S., Range 18 E., and - surveyed Section 35, Township 21 S., Range 18 E.,

of the G. & S.R.B.& meridian, ARIZONA, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

Walter G. Turley
Surveyor-Forest Service

Subscribed and sworn to before me this 23d day of February, 1915.

SEAL.

Elsie C. Myers
Notary Public

8—2349

My Commission expires April 20, 1918.

AMENDMENT OF

HOMESTEAD ENTRY SURVEY NO. 72

63

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	
	Surveyed under Special Instructions from the Surveyor General for Arizona dated September 16, 1914; and Supplemental Special Instructions dated December 5, 1914; correcting Homestead Entry Survey No. 72 executed in 1912 by Charles C. Tillotson, U. S. Mineral Surveyor; based on Application No. 110, dated December 13, 1909; List 3-441; Homestead entry No. 011070 made in the Phoenix Land Office on June 20, 1910 by Charles F. Davis of Canille, Arizona; and situated in sec. 2, T. 22 S., R. 18 E., and sec. 35, T. 21 S., R. 18 E., Gila and Salt River Base and Meridian within the Coronado National Forest, Arizona. Surveyed under Acts of June 11, 1906 and June 30, 1914.
	Survey commenced December 16, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs. I test the adjustments of the transit and solar attachment and make necessary corrections. The stadia wire interval is adjusted to read 1:132. All distances are horizontal and were reduced from measurements made directly on the slope with a standard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

AMENDMENT OF

HOMESTEAD ENTRY SURVEY NO. 72

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	
	December 16, 1914.
	I set up my transit over cor. to secs. 2 and 3, T. 22 S., R. 18 E., Gila and Salt River Base and Meridian which is a quartzite stone 8 x 6 x 4 ins., above ground, marked and witnessed as described by the Surveyor General; and, with telescope direct, I observe Polaris in accordance with instructions at 5h. 30m. p.m. l.m.t. and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station in lat. 31° 33' 08" N., and long 110° 29' 33" W.
	Astron.l.m.t., obsn. Dec. 15, 1914, 29h. 30.0m.
	Astron.l.m.t., U.C. Pol.Dec.15,1914, 7h. 53.8m.
	Hour angle Pol. at obsn. 21h. 36.2m.
	23h. 56.1m.
	Time argument 2h. 19.9m.
	Azimuth Pol. at obsn. 0° 46' 42" E.
	With my transit set up over cor. to secs. 2 and 3, T. 22 S., R. 18 E., heretofore described, and the telescope reversed in altitude and azimuth at 5h. 42m. p.m. l.m.t. on the same date, I again observe Polaris in accordance with instructions, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.
	Astron.l.m.t., obsn. Dec. 15, 1914, 29h. 42.0m.
	Astron.l.m.t.,U.C.Pol. Dec. 15, 1914, 7h. 53.8m.
	Hour angle Pol. at obsn. 21h. 48.2m.
	23h. 56.1m.
	Time argument 2h. 07.9m.
	Azimuth Pol. at obsn. 0° 43' 12" E.
	December 16, 1914.

Chains	
	December 17, 1914.
	I turn off 0°, 46½' the azimuth of Polaris to the W. from her direction at 5h. 30m. p.m. l.m.t., December 16, 1914, and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station,
	I also turn off 0° 43' the azimuth of Polaris to the W. from her direction at 5h. 42m. p.m. l.m.t.; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls 0° 00' 26" of measured arc to the W. of the line previously established.
	I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and, from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.
	Thence N. 89° 31' W.
	Along line bet. secs. 2 and 35, Ts. 21 and 22 S., R. 18 E., from cor. No. 4 and a C. C. on N. bdy. sec. 2, T. 22 S., R. 18 E. which is a quartzite stone 9 x 9 x 9 ins. above ground marked and witnessed as described by the Surveyor General.
3.87.	To amended cor. No. 5.
	And a C. C. on S. bdy. sec. 35, T. 21 S., R. 18 E. at which point I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 14 ins. in the ground; over which I set a quartzite stone 24 x 10 x 6 ins., 14 ins. in the ground; chiseled (+) at the point, C C on N., and Am - 5 - H E S 72 on the NE. face and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor. from which

see page 2 of original notes

AMENDMENT OF

HOMESTEAD ENTRY SURVEY NO. 72

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	
	A 15 in. white oak scribed Am - 5 - H E S 72 + B T bears S. 70° 50' E., 54 lks.
	A 13 in. white oak scribed Am - 5 - H E S 72 + B T bears S. 82° 43' W., 92 lks.
	Cor. to secs. 34 and 35, T. 21 S., R. 18 E. which is a standard iron pipe marked and witnessed as described by the Surveyor General bears N. 89° 31' W., 5.86 chs. from amended cor. No. 5.
	Cor. to secs. 2 and 3, T. 22 S., R. 18 E. which is a quartzite stone 8 x 6 x 4 ins. above ground marked and witnessed as described by the Surveyor General bears N. 89° 31' W. 6.09 chs. from amended cor. No. 5.
	Cor. No. 5, of the original survey, and its witnesses, which is a quartzite stone 10 x 5 x 10 ins. above ground and a mound of stone bears N. 89° 31' W. 1.10 chs. from amended cor. No.5. I destroy cor. No. 5 of the original survey and its witnesses.
	The list cor which is a quartzite stone 8 x 7 x 6 ins. above ground marked and witnessed as described by the Forest Service bears N. 13 lks. dist. from cor. No. 5. of the original survey. I destroy all trace of this list cor.
	Thence N. 0° 44' W.
	On a true line.
34.74	To Amended cor. No. 6.
	At which point I chisel (+) on a stone 4 x 3 x 2 ins., and deposit it 14 ins. in the ground; over which I set a quartzite stone 24 x 9 x 5 ins., 14 ins. in the ground; chiseled (+) at the point and Am - 6 - H E S 72 on the SE. face and raise a mound of stone 2 ft.

see page 3 of original notes

Chains	
	base, 1½ ft. high, SE. of cor. from which An imbedded conglomerate stone 30 x 24x 8 ins. above ground chiseled Am 6 H E S 72 + B R bears S. 27° 22' W. 82 lks. No other bearings available. Pits impracticable. Cor. No. 6 of the original survey which is a quartzite stone 9 x 8 x 8 ins. above ground, marked and witnessed as described by the Surveyor General bears S. 88° 39' W., 1.10 chs. from Am. Cor. No. 6 of this survey. I destroy cor. No. 6 of the original survey and its witnesses.
	Thence N. 88° 39' E. On a true line.
33.59	To cor. No. 7 of the original survey which is a quartzite stone 6 x 6 x 8 ins. above ground marked and witnessed as described by the Surveyor General.
	Retracement. Thence S. 1° 05' E. On a true line by direct measurement.
19.94	To cor. No. 8 of the original survey which is a quartzite stone 9 x 6 x 8 ins. above ground marked and witnessed as described by the Surveyor General.
	Thence S. 88° 50' W. On a true line by direct measurement.
24.94	To cor. No. 9 of the original survey which is a quartzite stone 10 x 9 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.
	Thence S. 0° 59' E. On a true line by direct measurement.
15.17	Intersect line bet. secs. 2 and 35 at a point 5.29 chs. N. 89° 31' W. of cor. No. 11 of the original survey

see page 3 of original notes

see page 4 of original notes

see page 4 of original notes

see page 4 of original notes

AMENDMENT OF

HOMESTEAD ENTRY SURVEY NO. 72

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	
	which is a quartzite stone 10 x 5 x 10 ins. above ground surrounded by a mound of stone, marked and witnessed as described by the Surveyor General; and 4.96 chs. S. 89° 31' E. of cor. No. 4 of the original survey. This point falls in a running stream and a witness corner has been established as follows: At a point 75 lks. N. 89° 31' W. from the point for cor. No. 10 and a C. C. on S. bdy. Sec. 35 heretofore determined I find a quartzite stone 10 x 6 x 9 ins. above ground marked W C on the E. face, C C on the N. face, and 10-H E S 72 on the W. face, and witnessed as required by the Surveyor General.
	Thence N. 89° 31' W.
	On a true line by direct measurement, on S. Bdy. Sec. 35.
0.75	W. C. to cor. No. 10 and a C. C. on line bet. secs. 2 and 35 heretofore described.
	I destroy the List corner which is a quartzite stone 7 x 5 x 4 ins. above ground marked and witnessed as described by the Forest Service, and bears North 21 lks. from W. C. to cor. No. 10 heretofore described.
4.96	To cor. No. 4 the place of beginning.

Area

Sec. 2 original survey	79.87 acres.
Sec. 35 amended	80.13 "
Total	160.00

AMENDMENT OF

HOMESTEAD ENTRY SURVEY NO. 72

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CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

Traverse

Cor.	Course	Dist.	N.	S.	E.	W.
4-5	N. 89° 31' W.	3.87	0.03			3.87
5-6	N. 00° 44' W.	34.74	34.74			0.45
6-7	N. 88° 39' E.	33.59	0.79		33.58	
7-8	S. 01° 05' E.	19.94		19.94	0.38	
8-9	S. 88° 50' W.	24.94		0.51		24.93
9-10	S. 00° 59' E.	15.17		15.17	0.26	
10-4	N. 89° 31' W.	4.96	0.04			4.96
		137.21	35.60	35.62	34.22	34.21
				35.60	34.21	
Error in lat. and dep.				0.02	0.01	

Closing error 1:6136

Survey completed December 17, 1914.

Walter G. Purley
Surveyor, Forest Service.

Form 85.
Sheet No. 2.

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HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Form 85.
Sheet No. 3.—Revised Feb., 1915.

DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures.
Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

8—2349

TABLING AND CALCULATIONS OF AMENDMENT OF HOMESTEAD ENTRY SURVEY NO. 72, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES. North.	LATITUDES. South.	DEPARTURES. East.	DEPARTURES. West.	DOUBLE M. D.	N. AREAS.	S. AREAS.
4-5	N. 89° 31' W.	3.87	0.03			3.87	4.77	0.14	
5-6	N. 00° 44' W.	34.74	34.~~74~~ 15			0.45	0.45	15.64	
6-7	N. 88° 39' E.	33.59	0.~~79~~ 80		33.~~58~~ 57		33.57	26.86	
7-8	S. 01° 05' E.	19.94		19.94	0.38		67.52		1346.35
8-9	S. 88° 50' W.	24.94		0.51		24.93	42.97		21.91
9-10	S. 00° 59' E.	15.17		15.17	0.26		18.30		277.61
10-4	N. 89° 31' W.	4.96	0.04			4.96	13.60	0.54	
		137.21	35.60	35.62	34.22	34.21		43.18	1645.87
			35 62	35 62	34 21	34 21			43.18
									1602.69
Clos ing error 1:6136								Area	80.13

T.A.

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Form 8.

Sheet No. 8 — Revised Feb., 1915.

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing latitudes and departures do not obliterate or change the original figures.

Put the corrected figures or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing latitudes should be proportional to the lengths of the lines.

3. In calculations of tables take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveys are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF AMENDMENT OF HOMESTEAD ENTRY SURVEY NO. 72, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES. North.	LATITUDES. South.	DEPARTURES. East.	DEPARTURES. West.	DOUBLE M. D.	N. AREAS.	S. AREAS.
4-5	N. 89° 31' W.	3.87	0.03			3.87	4.77	0.14	
5-6	N. 00° 44' W.	34.74	34.74			0.46	0.45	15.64	
6-7	N. 88° 39' E.	33.59	0.79		33.58		33.57	26.86	
7-8	S. 01° 05' E.	19.94		19.94	0.38		67.52		1346.36
8-9	S. 88° 50' W.	24.94		0.61		24.93	42.97		21.91
9-10	S. 00° 59' E.	15.17		15.17	0.26		18.30		277.51
10-4	N. 89° 31' W.	4.96	0.04			4.96	13.60	0.54	
		137.21	35.60	35.62	34.22	34.21		43.18	1643.87
									43.18
									1602.69
								Area	80.13

Closing error 1:6136

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
2. In balancing Lat. and Dep. do not obliterate or change the original figures:
Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to the decimal specified.

TABLING AND CALCULATIONS OF H. & S. No. 72. Sec. 2, SURVEY No.

No.	COURSE.	DISTANCE.	LATITUDES. North.	LATITUDES. South.	DEPARTURES. East.	DEPARTURES. West.	DOUBLE M. D.	N. AREAS.	S. AREAS.
13-14	D.	1986		1985 ~~1986~~					
14-15	N89°30'W.	500	04			503 ~~500~~	503	40	
15-16	D.	994		994			1006		10000
16-1	N89°30'W.	2004	17			2012 ~~2004~~	3018	513	
1-2	N0°1'E.	3985	3985 6		01		5029	150166	
2-3	S89°31'E	1001		09	996 ~~1001~~		4032		363
3-4	N	964	964				3036	39267	
4-5	S89°31'E	1025		09	1020 ~~1025~~		3016		181
5-6	S	970		970			996		9661
6-7	S89°31'E	500		04	498 ~~500~~		498		20
			3970	3972	2527	2504		179966	20225
			3971	3971	2515	2515		20225	
								159741	
								79.87	

6) 29/5
34/3
10 4

ET

73

4—669.

TRAVERSE SHEET.

Survey No......

Claim.....

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11702b3m2-04

Form 85
Sheet No. 4

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 6, 1916.

The foregoing field notes of Homestead Entry Survey No.

72,

executed by Charles C. Tillotson, U. S. Mineral Surveyor under his special instructions dated June 12, 1912,

and corrective field notes of said survey executed by Walter G. Turley, Surveyor Forest Service under his special instructions dated September 16, 1914, and supplemental special instructions

~~executed by~~

[Forest Service Title.]

~~under his special instructions~~, dated December 5, , 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. Trott
U. S. Surveyor General.

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

Frank P. Trott
U. S. Surveyor General.

8—2349

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FINAL OATHS FOR SURVEYS.

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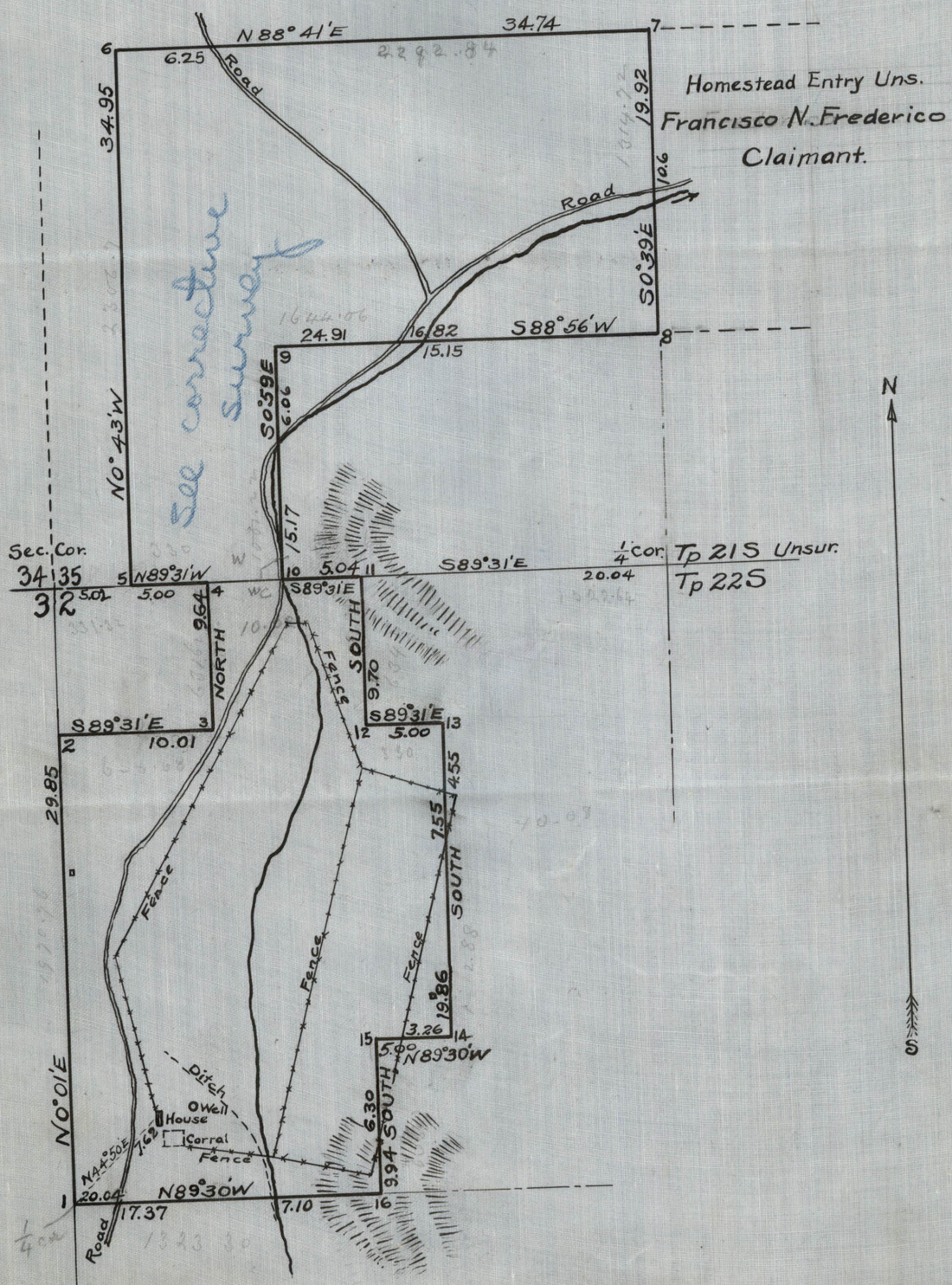
LIST OF NAMES.

A list of the names of the individuals employed by Charles C Tillotson United States Mineral Surveyor, to assist in running, measuring and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the Homestead Entry claim of Chas F Davis described as H. E. No. 011070, List No. 3-441 Situated in Sec 2, Tp 22 S R 18 E, surveyed and Sec 35 Tp 21 S, R 18 E unsurveyed G & S R. M. in the ~~Coronado~~ National Forest and showing the respective capacities in which they acted.

Patrick J. McCarty Chainman.
Henry Pyeatt Chainman.
_____ Axman.

****



HOMESTEAD ENTRY SURVEY

No. 72

ARIZONA LAND DISTRICT

Charles F. Davis Claimant

Canille Arizona

Surveyed June 26-30, 1912

by

Charles C. Tillotson

U.S. Mineral Surveyor.