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U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

FIELD NOTES

OF

ORIGINAL

HOMESTEAD ENTRY SURVEY NO. 618

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

Portion

In Section 14, un-surveyed, Township 12 N, Range 10 E.

Partly Surveyed and Accepted

of the

Gila and Salt River Base & Meridian.

State of

Arizona.

Applicant for listing J. G. Powers,  
 Residence Payson, Arizona,  
 Application No. 142, dated July 25, 19 08.  
 List No. 3-152, dated April 19, 19 09.

Applicant for survey <sup>Albert Watkins (in name)</sup> Albert Watkins <sup>050402 1-31-21</sup>  
 Residence Payson, Arizona.  
 H. E. No. 031605, dated <sup>2-16-1917</sup> February 16, 19 17, canceled Dec. 2, 1920  
 Office <sup>050402</sup> Phoenix, Arizona. <sup>Jan. 31, 1921, Fred Faver</sup>  
 Land ~~District~~ Phoenix, Arizona.

Survey executed by F. L. Kirby, Deputy Forest Supervisor,  
 Forest Service [Forest Service Title]  
 Under special instructions dated July 14, 19 20  
 Survey commenced November 25, 19 20  
 Survey completed November 28, 19 20  
 Under Acts of June 11, 1906, and May 31, 1920.

*see Faver's statement, dates therein.*

OATH OF ASSISTANTS

I hereby certify that I assisted F. L. Kirby Deputy Forest Supervisor in surveying all those parts or portions of Homestead Entry Survey No. 618, in the 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 Oaths to Assistants; hence it was taken by the SURVEYOR.

S. P. Roach CHAINMAN.

Subscribed and sworn to before me this 28th day of November, 19 20.

F. L. Kirby Deputy Forest Supervisor.

OATH OF SURVEYOR

I, F. L. Kirby, Deputy Forest Supervisor, [Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated July 14, 19 20, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in

List No. 3-152, dated April 19, 19 09, for Patent, under the Act of June 11, 19 06, the same to be known as Homestead Entry Survey No. 618, situated within the Tonto National Forest, in surveyed Section 14, Township 12 N., Range 10 E., and -- surveyed Section -----, Township -----, Range -----, partly surveyed and accepted.

of the Gila & Salt River Base & 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.

F. L. Kirby Deputy Forest Supervisor. [Forest Service Title.]

Subscribed and sworn to before me this 5th day of September, 19 21.

Harrison Thomas Notary Public My commission expires 2/21/1924



Chains Applicant for listing, J. G. Powers; application No. 142, dated July 25, 1908; List No. 3-152, dated April 19, 1909; H. E. 031605, made in the Phoenix Land Office on February 16, 1917, by Albert Watkins. Watkins abandoned the claim and his entry has been contested by Fred Faver, who, at the time of survey, had been in undisputed possession of the claim, residing on it and tilling it, for more than a year; the whereabouts of Watkins was unknown and he had not replied to contest proceedings; Faver was considered as the claimant and his entry has probably been allowed by this time.

It was found that the interests of both the Government and the claimant could best be served by abandoning the legal subdivisions description and making a metes and bounds survey.

The claimant, (Fred Faver) was present at the time of survey and agreed to the survey as made. Copy of a signed statement by him, agreeing to the changes and also agreeing to amend his entry to conform to this survey is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated July 14, 1920, and designated as Homestead Entry Survey No. 618.

Situated in unsurveyed portion of Sec. 14, T. 12 N., R. 10 E., partly surveyed and accepted, Gila and Salt River Base and Meridian, Tonto National Forest, Arizona. Surveyed under the Acts of June 11, 1906, and May 31, 1920.

Survey commenced November 25, 1920, and executed with an A. Lietz Mining Transit No. 6384, equipped with full verticle circle and Saegmuller solar attachment; the horizontal limb having two double verniers, placed op-

2.

Chains

posite and reading to thirty seconds of arc; the vertical circle has a double vernier reading to single minutes.

I test the adjustments of the instrument and make all necessary corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

November 25, 1920.

At my station, which is approximately N. 40°15' E. 22.00 chains from Cor. No. 1, in Latitude 34°25'55" N., Longitude 111°16'06" W. from Forest Service Base Map, I observe Polaris at western elongation at 3h 13m a.m. l.m.t., telescope direct, reading an angle of 83°36' 30". Reference mark west of star.

At same station at 3h 17m a.m. l.m.t., telescope reversed, I again observe Polaris, reading an angle of 83°37'00".

Mean angle star to reference mark N. 83° 36' 45" W.

Azimuth of Polaris at elong.                    1 21 02 W.

Bearing of reference mark                    N. 84° 57' 47" W.

From the meridian thus determined, all the courses of this survey were deflected by sustained angulation.

November 25, 1920.

REESTABLISHMENT OF 1/4 SEC. COR.

November 26, 1920.

Search for the 1/4 Cor. between Secs. 14 and 15, T. 12 N., R. 10 E. I find the two witness trees, marked as described by the Surveyor General, but the Cor. was missing; upon further search I find the 1/4 Cor. stone,

Chains

a sandstone 24x10x8 ins., (Recorded in field notes from Surveyor General as a sandstone 18x14x4 ins.), marked as described by the Surveyor General; it had been washed down into a ravine about 20 ft. below its original location, and it was cracked so that it was not suitable for use again. I destroy the old Cor. stone and re-establish the 1/4 Cor. by setting a red sandstone 6x16x37 ins. 25 ins. in the ground at the proper point, determined from call of the witnesses as recorded in the field notes from the Surveyor General, chiseled 1/4 W on the W. face. This Cor. is on the E. bank of a small dry ravine 30 ins. deep, course S. I build a supporting mound of stone against the lower (north-west) side of the Cor. stone, so that it is not likely to be washed away again.

November 26, 1920

November 26, 1920.

## BOUNDARIES OF CLAIM

Beginning at Cor. No. 1.

Deposit a red sandstone 2x5x6 ins., chiseled +, 26 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long, with brass cap, marked 1920 on S. rim and 1 HES 618 in quadrant facing claim; build a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A yellow pine 10 ins. dia. brs. N. 60°00' W.  
34 lks. dist.

A yellow pine 24 ins. dia. brs. N. 46°00' E.  
79 lks. dist.

Each blazed and scribed 1 HES 618 + BT.

The 1/4 Cor. between Secs. 14 and 15, T. 12 N.,  
R. 10 E., heretofore described, bears S. 37°  
45' W. 17.02 chs. dist. by direct measurement.

Chains Latitude  $34^{\circ}25'43''$  N., Longitude  $111^{\circ}16'17''$  W., from Forest Service Base Map.

The observed magnetic declination at 9 a.m. is  $14^{\circ}52'$  E., which, corrected for diurnal change, gives a mean Magnetic declination of  $14^{\circ}50'$  E.

November 26, 1920.

November 27, 1920.

Thence N.  $19^{\circ}29'$  W.

Along gently sloping hillside, through scattering stand of yellow pine reproduction.

5.80 To Cor. No. 2.

Deposit a red sandstone  $2 \times 4 \times 5$  ins., chiseled +, 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long, with brass cap, marked 1920 on S. rim and 2 HES 618 in quadrant facing claim; raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high E. of Cor., whence:

A yellow pine 12 ins. dia. brs. S.  $4^{\circ}00'$  W.

44 lks. dist.

A yellow pine 20 ins. dia. brs. S.  $31^{\circ}00'$  W.

40 lks. dist.

Each blazed and scribed 2 HES 618 + BT.

Thence N.  $12^{\circ}48'$  E.

Over level land through yellow pine reproduction, parallel with pasture fence.

6.00 To bend of fence and to base of hill. Leave fence, bears NE. Begin steep ascent of 45 ft. through oak and manzanita brush.

8.00 Top of steep ascent, thence ascend 15 ft. gradually through oak and manzanita brush.

12.55 To Cor. No. 3.

Deposit a red sandstone  $2 \times 4 \times 4$  ins., chiseled + 18 ins. in the ground, over which set a red sandstone  $6 \times 14 \times 32$  ins., leaving 14 ins. above the surface, chisel + on

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STATE OF ARIZONA

Chains

top for the point and 3 HES 618 on the E. face; raise a mound of stones 2 ft. base 1-1/2 ft. high east of Cor., whence:

-An oak 16 ins. dia. brs. S. 29°30' E.

11 lks. dist.

A yellow pine 24 ins. dia. brs. N. 89°30' E.

54 lks. dist.

Each blazed and scribed 3 HES 618 + BT.

Thence N. 47°08' E.

Descend 150 ft., dense yellow pine reproduction.

3.30 Bottom of descent, thence over open level land.

5.10 Mail Creek, 30 lks. wide, banks 5 ft. high, running water 6 lks. wide 5 ins. deep; course SE. Thence over brushy flat.

6.70 To base of hill. Begin ascent of 85 ft.

8.29 To Cor. No. 4.

Deposit a red sandstone 2x5x6 ins., chiseled + 18 ins. in the ground, over which set a red sandstone 6x28x32 ins., chiseled + on top for point and 4 HES 618 on the S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high S. of Cor., whence:

A yellow pine 22 ins. dia. brs. N. 89°40' W.

17 lks. dist.

A yellow pine 14 ins. dia. brs. S. 22°10' W.

67 lks. dist.

Each blazed and scribed 4 HES 618 + BT.

Thence S. 76°18' E.

6.40 To drift fence, bears N. and S. Descend 30 ft. over rocky ground.

10.40 Bottom descent, thence over level land.

15.00 Begin ascent of 15 ft.

17.38 To Cor. No. 5.



Chains Deposit a red sandstone 2x6x6 ins., chiseled + 18 ins. in the ground, over which set a red sandstone 3x16x30 ins. chiseled + on top for point and 5 HES 618 on the SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:

A juniper 14 ins. dia. brs. N. 19°40' E. 20 lks. dist.

A yellow pine 20 ins. dia. brs. S. 39°40' W. 107 lks. dist.

Each blazed and scribed 5 HES 618 + BT.

November 27, 1920.

November 28, 1920.

Thence S. 7°58' W.

3.90 Descend 40 ft., dense yellow pine reproduction.

18.60 Enter oak brush, with scattering yellow pine reproduction.

22.60 Begin steep descent of 60 ft.

24.12 To Cor. No. 6.

Deposit a red sandstone 2x5x6 ins. chiseled + 26 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long, brass capped, stamped 1920 on S. rim and 6 HES 618 in quadrant facing claim; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

A yellow pine 36 ins. dia. brs. N. 18°10' W. 69 lks. dist.

An oak 10 ins. dia. brs. N. 61°00' E. 32 lks. dist.

Each blazed and scribed 6 HES 618 + BT.

Thence N. 77°20' W.

4.00 Over level land. Road, bears N. 5° W. and S. 5° E.

7.30 Mail Creek 50 lks. wide, banks 5 ft., running water 8

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STATE OF ARIZONA

Chains	links wide, 4 ins. deep, course from N. 37° W. to S. 37° E.
11.70	To base of hill. Begin ascent of 120 ft. through yellow pine reproduction and brush.
17.80	Top of ascent. Thence over level land.
21.07	To Cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 53.57 acres.

IMPROVEMENTS

The improvements made upon this claim and belonging to the claimant consist of the following:

A two-room lumber dwelling house 18x22 ft., with 6x18 ft. lean-to shed attached, the long side extending E. and W., the NW. Cor. of which bears S. 12°30' E. 5.45 chs. from Cor. No. 4.

Value - - - - - \$450.00

A log feed and harness room 14x18 ft., with 10x18 ft. shed attached, the long side extending S. 4° E. and N. 4° W., the NW. Cor. of which bears S. 21° E. 6.30 chs. from Cor. No. 4.

Value - - - - - \$150.00

Barn and feed room made of upright poles 18x38 ft., the long side extending S. 44° E., and N. 44° W., the N. Cor. of which bears S. 12° E. 12.80 chs. from Cor. No. 4.

Value - - - - - \$125.00

There is approximately 1-1/4 mile of barbed wire fence.

Value - - - - - \$200.00

All of the improvements are in good state of repair.

DESCRIPTION

The claim is situated on Mail Creek, a tributary to the East Fork of the Verde River, and is surrounded by

Chains

mountains covered with a good stand of yellow pine timber and excellent reproduction. The elevation is approximately 6,800 ft. The agricultural portion is comparatively flat and level and is a rich humus soil. The tract is chiefly valuable for farming purposes and it is especially adapted to the raising of potatoes, corn and fruit.

Water for all purposes is obtained from Mail Creek which traverses the claim from NW. to SE.

There is approximately 12 M. ft. B.M. of yellow pine timber and 40 cords of oak and juniper fuel wood on the claim.

There are no indications of any mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

Payson, Arizona, is the most accessible postoffice and the main trading point for the locality. It is situated about 15 miles in a southwesterly direction.

There is a fair road to the claim and the distance to Payson by road is 23 miles. The nearest railroad is at Globe, about 100 miles from Payson.

TRAVERSE

Course	Dist.	N.	S.	E.	W.
N. 19°29' W.	5.80	5.47'			1.93
N. 12°48' E.	12.56	12.25'		2.78'	
N. 47°08' E.	8.29	5.64'		6.09'	
S. 76°18' E.	17.38		4.12'	16.89'	
S. 7°58' W.	24.12		23.89'		3.34
N. 77°20' W.	21.07	4.62'			20.56'
	99.22	27.98	28.01	25.76	25.83
			27.98		25.76
Error in Lat. & Dep.			03		07

Closing Error 1/1172

Survey completed November 28, 1920.

*J. H. Kirsey*  
Deputy Forest Supervisor.

861,777

( C O P Y )

November 29, 1930.

I, Fred Eavor, of Payson, Arizona, hereby agree to the survey of my homestead, No. 618, completed on the 28th day of November, 1930, by F. I. Kirby, Deputy Forest Supervisor, and I further agree that when notified that the survey has been approved, and before attempting to make final proof on my entry, I will apply for amendment of the same to conform with said survey.

The changes made by the surveyor are readjustment of the lines to conform more closely with the areas of agricultural land.

(Sgd.) Fred Eavor,  
Claimant.

Witness: E. S. Simenton. (Sgd.)

- 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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 618, STATE OF Arizona

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	N. 19°29' W.	5.80	5 47			1 93	1 93	10 56			
2 - 3	N. 12°48' E.	12.56	12 25		2 78		2 79	34 18			
3 - 4	N. 47°08' E.	8.29	5 64		6 09		11 67	65 82			
4 - 5	S. 76°18' E.	17.38		4 12	16 89		34 67			142 49	
5 - 6	S. 7°58' W.	24.12		23 89		3 34	48 26			1152 45	
6 - 1	N. 77°20' W.	21.07	4 62			20 56	24 40	112 97			
		89.22	27 98	28 01	25 76	25 83		223 53		1294 94	
	Error in lat. and dep.		03		07					223 53	
										20/ 1071 41	
	Closing error 1/1172									53 57	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 19, 1922

The foregoing field notes of Homestead Entry Survey No.

618

executed by F. L. Kirby, Deputy Forest Supervisor

[Forest Service Title]

under his special instructions, dated July 14, 1920, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.



U. S. 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.