Copied Aug 5, 1912,

A. L. H.

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JUN 21 1912

Platted

HOMESTEAD ENTRY SURVEY NO. 71

Arizona Land District.

FIELD NOTES

of

The Survey of the Homestead Entry Claim

of

M. L. Horrell

Described as

H. E. No. 016271 List No. 3-1188

Approx. Secs. 1 & 2, T. 1 N., R. 13 E., and

35 & 36, T. 2 N., R. 13 E., Unsur.

Crook National Forest,

Gila County, Arizona

Surveyed under instructions dated June 1 1912., 1909.

by Howard T. Wayne.
U. S. Mineral Surveyor.

Survey commenced June 8, 1912.

Survey completed June 12, 1912.

Address: Globe, Arizona.

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Beginning at corner No.1, the S. W. corner, identical with listing corner ~~in location~~ but replacing same with a brownish quartzite rock 8"x 15" x 25" set 12" in the ground and chiseled H/1 and 1-H E S 71., whence U. S. L. M. No. 71, H. E. S. bears S 77° 24' E 22.11 chains and witness trees scribed B T x 71 bear as follows:- a catclaw 5" in diameter bears S 84° 45' E .74 chs., a catclaw 4" in diameter bears S 19° 13' E .17 chs., a cedar 10" in diameter bears S 13° 34' W 1.83 chs. and a desert willow 8" in diameter bears N 80° 49' W 2.26 chs.

| Chains | THENCE N 20° 12'E. |
|---|---|
| .50 | to wagon road, Horrell's ranch to Globe. |
| 5.50 | over good soil to east side of Pinto Creek wash. |
| 8.60 | to wagon road, connecting upper and lower ranch. |
| 23.50 | over sand to east side of Pinto Creek wash. |
| 24.80 | a cross point of soil, to south side of wash leading into Pinto Creek. |
| 28.60 | accross sand to north side of same wash. |
| 38.88 | over soil flat to corner No.2, identical with listing corner, a x, on a white porphyry rock 12" x 14" x 24" set 12 " in the ground and scribed H/2 and 2-H E S 71, whence witness trees scribed B T x 71 bear as follows:- a hackberry 8" in diameter bears S 25° 34' W .87 chs. a catclaw 8" in diameter bears S 11° 09' W 1.68 chs. a hackberry 8" in diameter bears N 41° 53' W 2.09 chs. a catclaw 6" in diameter bears N 18° 48' W 1.47 chs. |
| | THENCE N 27° 59' W. |
| 5.30 | over soil to east side of Pinto Creek wash. |
| 19.00 | over sand and rock to wagon road, connecting upper and lower ranch. |
| 22.20 | over sand and rock to west side of Pinto Creek wash. |
| 33.00 | to corner No.3, identical with listing corner, a x, in a white dacite rock 8"x 15"x 30" set 12" in the ground |

6 2

2 Chains

and scribed H/3 and 3-H E S 71, whence witness trees scribed B T x 71 bear as follows:-

a mesquite5" in diameter ( which is also the S.W. corner of a field fence ) bears S 20° 01' E .46 chs.

a catclaw 6" in diameter bears S 3° 11' E .99 chs.

a catclaw 10" in diameter bears S 49° 57' W 1.21 chs.

a catclaw 8" in diameter bears N 32° 54' W .91 chs.

THENCE N 4° 20' E.

12.80 over soil and parallel to fence line, to corner No.4, the N.W. corner, identical with listing corner, ~~in location but~~ reset corner with 6"x 15"x 32" dacite rock set 12" in the ground, rock chiseled with x for corner point,- H/4 and 4 H E S 71, whence witness trees scribed B T x 71 bear as follows:

a mesquite 7" in diameter bears N 22° 35' E .75 chs.

a catclaw 6" in diameter bears N 84° 32' E 1.67 chs.

a cedar 10" in diameter bears N 63° 15' W 1.51 chs.

a cedar 14" in diameter bears N 34° 05' W 2.35 chs.

the N. W. corner of field fence bears S 12° E .12 chs.

THENCE S 78° 17' E

3.61 over soil flat, to corner No.5, the N. E. corner, identical with listing corner, a x , in a dacite rock 10"x 12"x 26" set 12 inches in the ground and chiseled H/5 and 5-HES 71, whence witness trees scribed B.T x 71 bear as follows:-

a catclaw 5" in diameter bears N 29° 32' W .83 chs.

a mesquite 5" in diameter bears N 5° 57' W 2.08 chs.

a mesquite 4" in diameter bears S 28° 47' E .76 chs.

a mesquite 6" in diameter bears S 4° 27' E 1.02 chs.

THENCE S 5° 13' E

10.01 over soil flat, to corner No.6, identical with listing corner, a x, in a 6"x 12"x 26" dacite rock set 12" in the ground ( the origonal corner being reset with a new rock and witnessed by a 2 foot mound of stone) whence witness trees scribed B T x 71 bear as follows:-

a catclaw 5" in diameter bears N 11° 08' E .20 chs.
a mesquite 7" in diameter, which is the S.E. corner of field fence, bears S 1° 00' E 1.47 chs.
No other witnesses available.
This corner is scribed H/6 and 6-H E S 71.

THENCE S 36° 34' E

5.10 over flat of soil to west bank of Pinto Creek wash.
17.60 over sand and rock to east bank of Pinto Creek wash.
24.70 over loose rock and soil to drift fence and bottom of hill.
Ascend.
26.10 to top of hill about 25 feet high.
Descend.
27.50 to foot of hill on opposite side and the north side of wash.
29.10 over sand to south side of wash.
31.60 up hill over conglomerate wash to edge of mesa.
38.00 across grassy mesa.
51.60 up hill along side slope to summit, about 175 feet above Pinto Creek.
54.70 down steep slopeto bottom and north side of wash.
56.20 over sand to south side of wash.
62.20 over loose conglomerate uphill to summit, about 250 feet above Pinto Creek.
70.00 down hill to bottom and north side of wash.
71.50 across sand to south side of wash.
85.14 up gentle conglomerate slope to corner No.7, the S. E. corner, identical with listing corner, a x, in a 10"x 15"x 24" quartzite rock set 12" in the ground and chiseled H/7 and 7-H E S 71, whence a dacite boulder 2 feet square imbedded in the ground and scribed B R x 71 bears S 66° 05' E .82 chs. and witness trees blazed and scribed B T x 71 bear as follows
a mesquite 7" in diameter bears S 80° 00' W .98 chs.
a mesquite 6" in diameter bears N 8° 35' W 3.64 chs.
a mesquite 8" in diameter bears N 23° 12' E 3.19 chs.

THENCE N 89° 13' W

4 Chains

27.60 along slope side and hog back only slightly down hill

36.20 down nose of hog back to bottom land

52.90 over poor soil and rock and some what uneven surface to drift fence

54.21 to x on rock, corner No.1, the point of beginning.

Variation 13° 45' to 14° 15'E at all corners.

AREA.

The total and net area of this homestead claim is 158.90 Acres

ADJOINING CLAIMS.

There are no adjoining claims, either mineral or agricultural.

IMPROVEMENTS.

Improvements upon this claim consist of the following:

A three room adobe house L in shape 24 x 30' which bears from corner No.1 N 49° 35' E 10.08 chs.

A spring, developed by a 20 foot concrete tunnel bears from corner No.1 N 53° 50' E 11.00 chs.

A blacksmith shop 12 x 20' located 25' east of the house.

A 20 x 35 foot dirt tank for irrigation adjoins the shop on the north.

Three barns, 20'x30', 25'x 15' and 35'x 35' which bear respectively from corner No.1, N 36° 35' E 8.18 chs., N 40° 00' E 8.49 chs., and N 44° 55' E 9.00 chs.

A corral encloses the barns and an area to the south, the nearest corner bears from corner No.1 N 52° 10' E 5.3 chs.

An undeveloped spring bears from corner No.2 S 14° 30'E 7.70 chs.

To the west of the house are a variety of fruit trees, and to the north a 150' x 400 ' alfalfa field.

(See * below)

LOCATION.

This claim is located approximately in sections 1 & 2 T.,1 N, R 13 E and in sections 35 & 36 T.,2 N, R 13 E

G & S R B & M., Unsur.

INSTRUMENT.

This survey was made with a W & L.E.Gurley transit equipped with a Burt solar attachment by which the true meridian was obtained and checked. Measurements were made with a 300 foot steel tape.

Globe, Arizona.

June 19, 1912.

Howard T. Wayne
U. S. Mineral Surveyor.

(Insert under Improvements.)

*A cultivated field at the northern portion of the claim, inclosed with a 4 tier wire fence making an irregular four sided figure. The north, east and west sides are parallel to and just inside of survey courses between corner No. 3 and corner No. 6. The S.W.Cor. is about one half chain south of survey Cor. No. 3 and the S.E.Cor. about one and one half chains south of survey Cor. No. 6. Area of field about 5.6 acrea. In season it is planted to corn or barley.

Determination of Meridian.

The true meridian was obtained on June 8th, by means of a Burt Solar on a Gurley transit. The latitude I obtained from the U. S. Topographical sheet of the Globe Quadrangle, (33° 28' ). The declination from an ephemeris and corrected same for difference in time, (7 hrs. and 25 min.) and also for refraction.

The co-latitude, 56° 32' I set off on the main vertical arc of the transit,- the corrected declination on the declination arc, and revolved transit by lower motion and attachment upon vertical spindle to bring sun between marks indicated for the same, the reading of the declination arc at 10 A.M. being 22°52' and at 2 P.M. being 22° 53'.

Note: The boundaries and tie line were run and measured directly upon the ground.

U. S. L. M. No.71, H. E. S.

I have established according to your special instructions for Homestead Entry Survey No.71; U. S. L. M. No.71, H. E. S. in the following manner.

The monument consists of a natural dacite cropping 15 x 20 feet in area and standing 8 feet high on the west side and nearly flush with the surrounding formation on the east side. The exact point is designated by a X, chiseled 6" in diameter and 1/4 inch deep together with U. S. L. M. No.71 H. E. S. chiseled in letters 7" high and 1/4 inch deep.

The monument is located in what probably will be the N.W. 1/4 of section I, T. 1 N, R 13 E, G & S R B & M when surveyed and is conspicuous from all directions for a long distance, save from the east. It is situated on a hill about 125 feet above the level of Pinto Creek which passes about 1500 feet west of it.

Red or Pinto peak bears from the monument N 88° 30' W about 8 miles, Look Out Mt.in the Sierra Ancha Range bears N 10° E about 20 miles, Barnes Peak bears S 61° 15' E about 2 and 1/2 miles. Horrell's house bears N 57° W about 1200 feet.

Trees blazed and scribed B R-X-U S L M 71 bear from the monument as follows:-

A 12" cedar bears S 75° 45' E 15.8 feet

A 18" cedar bears N. 65° 25' E 83.0 feet.

A 8" cedar bears S 5° 35' E 33.3 feet.

A 24" cedar bears S 40° 52' W 147.3 ft.

Globe, Arizona.

June 18, 1912.

Howard L. Haynes

U. S. Mineral Surveyor.

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JUN 21 1912

FINAL OATHS FOR SURVEYS.

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LIST OF NAMES.

A list of the names of the individuals employed by Howard T. Wayne 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 M.L.Horrell described as H. E. No. 016271, List No. 3-1188

Ed. Horrell and C. H. Tebbs.

and showing the respective capacities in which they acted.

Ed. Horrell Chainman.

C. H. Tebbs. Chainman.

Axman.

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We, Ed. Horrell and C. H. Tebbs, do solemnly swear that we assisted Howard T. Wayne, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the Homestead Entry claim of M. L. Horrell described as Homestead Entry No. 016271

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.

Ed. Horrell
Chainman.

C H Tebbs
Chainman.

Axman.

Flagman.

Subscribed and sworn to by the above named persons before me this 18 day of June, 1912

(Seal)

H. H. Pratt.
Notary Public

My Commission Expires Feb. 29th, 1916.

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FINAL OATH OF U.S. MINERAL SURVEYOR.

I, Howard T. Wayne, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor-General of Arizona, dated June 1 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 M. L. Horrell, described as H. E. No. 016271, List No. 3-1188, situate in the Crook National Forest, Gila County, Arizona, and designated as Homestead Entry Survey No. 71, 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. 3-1188, 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.

Howard T. Wayne
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Howard T. Wayne, U. S. Mineral Surveyor, before me, Ne Ne Pratt, this 18 day of June, 1912.

(SEAL)

Ne Ne Pratt

My Commission Expires Feb. 29th, 1916

19 APR 11 1912

Field Notes of Compass Survey.

M. L. Horrell, H.A. #108. Crook National Forest.

October 5, 1910.

Variation: This survey was run and platted on a variation of 13½° East.

Tie Line: Corner #1 bears N. 74° E., 31.00 chains from bench mark No. 3300, Florence Quadrangle, locating the tract in approximately Sec. 35, 36 T 2 N, R 13 E., and Sec. 1+2 of T 1 N, R 13 E., G. & S. R. B. & M.

Corner #1, a white granite boulder 22"x12"x10", chiseled H/1 and set 12" in the ground, whence a 15" cedar, scribed in a blaze WH/1, bears S. 13° W., 1.84 chains, and a 5" catsclaw similarly marked, bears S. 86° E., 0.63 chains..

Chains

Thence ran N. 20° 15' East,

12.00 Along bottom land to edge of gravel wash,

23.00 in bed of gravel wash to bank of Pinto Creek,

31.50 along low rocky flat,

39.00 along low flat of good soil to Corner #2, a white Tufa-stone 24"x14"x12", chiseled H/2 and set 12" in the ground; whence an 8" hackberry, scribed in a blaze, WH/2, bears S. 24° W., 0.88 chains, and a 12" hackberry similarly marked bears N. 43° W., 2.10 chains.

Thence ran N. 29° 15' West

2.00 along low flat of good soil to gravel wash,

22.50 in gravel wash to west bank of Pinto Creek,

33.00 along low rocky flat to the S.W. corner of a fence, also to Corner #3, a white dacite boulder 30"x15"x8", chiseled H/3 and set 12" in the ground; whence a 6" mesquite scribed in a blaze WH/3, bears S. 21° E., 0.47 chains, and an 8" mesquite similarly marked, bears N. 34° W., 0.94 chains.

Thence ran N. 3° 15' East,

Field Notes of Compass Survey.

Burrell, N.M., 1905. Gorge National Forest.

December 5, 1910.

Variation: This survey was run and platted on a variation of 14½° East.

The line: Corner 1 Lat. 1 Vs. 81.00 chains from branch corner 2, 2270, Ponderosa Pine, blazed, bears the first in succession: 36, N.E.N.E. 13 L., one 24.14 of 1 L. 2 L3 N., 0.4, 0.5, 0.6.

Corner #1, a white granite boulder 22"x12"x10", chiseled N/1 and set 12" in the ground, whence a 15" cedar, scribed in a blaze on/1, and a 24" pine, scribed, with a 5" notched blaze, bearing N. 80° E., 0.63 chains.

Thence run N. 20° 15' West.

0.00 along bottom land to edge of gravel wash.

22.00 in bed of gravel washed bank of Pinto Creek.

34.50 along low rocky flat.

39.00 along low flat of good soil to Corner 2, a white granite boulder 24"x14"x10", chiseled 2/E, set 12" in the ground; whence an 8" hackberry, scribed in a blaze, N/2, bears S. 40° E., 0.88 chains, and a 10" hackberry similarly marked bears N. 43° W., 0.16 chains.

Thence run S. 50° 15' West

0.00 along low flat of good soil to gravel wash.

22.50 in gravel wash to west bank of Pinto Creek.

32.00 along low rocky flat to the N.E. corner of a fence, set to Corner 3, a white boulder 30"x15"x8", chiseled N/3 set 12" in the ground; whence a 6" ponderosa pine N/3, bears S. 21° W., 0.47 chains, and an 8" hackberry similarly marked, bears N. 38° E., 0.34 chains.

Thence run S. 8° 15' West.

Chains

12.80 along low flat of good soil which is covered with mesquite, also parallel with a wire fence to Corner #4, a white dacite boulder 22"x12"x10", chiseled H/4 and set 10" in the ground, whence a 6" mesquite, scribed in a blaze WH/4, bears S. 86° E., 1.05 chains, and a 6" mesquite, similarly marked, bears N. 19° E., 0.75 chains.

Thence ran S. 79° 30' East,

3.69 along low level flat of good soil to Corner #5, a brown dacite boulder 26"x12"x10", chiseled H/5 and set 12" in the ground; whence an 8" mesquite, scribed in a blaze WH/5, bears S. 6° E., 1.04 chains, and a 4" mesquite similarly marked bears N. 21° W., 0.83 chains.

Thence ran S. 6° 15' East,

10.00 along low level flat of good soil to Corner #6, a white dacite boulder 16"x12"x12", chiseled H/6, and set 8" in the ground and protected by a 2' mound of stones; whence a 4" catsclaw scribed in a blaze WH/6 bears N. 1° W., 0.19 chains, and an 8" mesquite similarly marked bears S. 1° E., 1.84 chains.

Thence ran S. 37° 30' East

7.00 along low level flat of good soil which is thickly covered with Ironweed brush to bank of Pinto Creek,

24.00 in bottom of gravel wash to east bank of Pinto Creek,

85.28 along rocky and grassy hillside to Corner #7, a brown quartsite boulder 24"x10"x15", chiseled H/7 and set 8" in the ground and protected by an 18" mound of stones; whence a trachyte boulder 2'x2', imbedded in ground, chiseled WH/7,

Obelisk

12.00 along low flat of good soil which is covered with mesquite, also parallel with a wire fence to Corner 4, a white dacite boulder 22"x12"x10", obliqued N/4 and set 10" in the ground, whence a 6" mesquite, scribed in a blaze WN/4, bears S. 86° W., 1.08 chains, and a 6" mesquite, similarly marked, bears N. 19° E., 0.75 chains.

Thence run S. 79° 30' West.

3.00 along low level flat of good soil to Corner 5, a brown dacite boulder 22"x12"x10", obliqued N/5 and set 12" in the ground; whence an 8" mesquite, scribed in a blaze SN/5, bears N. 8° W., 1.05 chains, and a 4" mesquite similarly marked bears N. 81° W., 0.88 chains.

Thence run S. 6° 15' East.

10.00 along low level flat of good soil to Corner 6, a white dacite boulder 16"x12"x12", obliqued N/6, and set 8" in the ground and protected by a 2' mound of stones; whence a 4" catclaw scribed in a blaze WN/6 bears N. 1° W., 0.19 chains, and an 8" mesquite similarly marked bears S. 1° E., 1.24 chains.

Thence run S. 87° 30' East

7.00 along low level flat of good soil which is thickly covered with Ironwood brush to base of Pinto Ridge.

24.00 to bottom of gravel mounts near base of Pinto Ridge;

25.00 along rocky and gravely hillside to Corner 7, a brown quartzite boulder 21"x10"x18", obliqued N/7 and set 8" in the ground and protected by an 18" mound of stones; whence a lirondyte boulder 8"x8", imbedded in mound, obliqued WN/7.

Chains bears S. 67° E., 0.84 chains, and a 4" mesquite scribed in a blaze WH/7, bears N. 45° E., 0.59 chains,

Thence ran due West,

22.42 along gently sloping, rocky and grassy hillside,

26.92 down hill to bottom of gulch,

30.70 along bottom of gulch,

31.70 up bank of gulch to edge of grassy mesa,

34.92 across mesa,

35.75 down hill to low flat covered with mesquite and catsclaw,

41.00 across rocky flat to flat of good soil,

44.07 to pole fence,

54.90 to Corner #1, the place of beginning, containing 159.7 acres, be the same more or less.

Surveyed by

F. L. Kirby
Assistant Forest Ranger.

Jan. 12, 1911.
Description and plat compared and approved.

Harold Greene
Acting Forest Supervisor.

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W.L.Morrell. C.A.4128.

Chains

bears 3. 87° E., 0.94 chains, and a 4" mesquite marked in a blaze N.E/T. bears S. 48° E., 0.89 chains.

Thence run due East.

22.40 along gently sloping, rocky and grassy mesa.

26.92 down hill to bottom of gulch.

30.70 along bottom of gulch.

31.90 up bank of gulch to edge of grassy mesa.

36.92 natural mesa.

38.75 down hill to low flat covered with mesquite and cactus.

41.00 across rocky flat to flat of good soil.

44.07 to pole fence.

54.90 to corner #1. the place of beginning, containing 160.7 acres, be the same more or less.

Surveyed by

E. C. Kinney

Assistant Forest Ranger.

Form 15-1411
Department of the Interior
Land Office
Approved:

Horace Greeley

Acting Commissioner.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE

ON FIELD NOTES.

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DEPARTMENT OF THE INTERIOR,

Office of U. S. Surveyor-General,

Phoenix, Arizona, December 17, 1912.

I, U. S. Surveyor-General for the District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, Return and Approval of the Survey of the Homestead Entry Claim of M. L. Horrell, described as Homestead Entry No. 016271, Phoenix, Arizona, Land Office, based on List No. 3-1188, situated in the Crook National Forest, Gila County, Arizona, approximately in Secs. 1 and 2, T. 1 N., R. 13 E., and Secs. 35 and 36, T. 2 N., R. 13 E., unsurveyed, G. & S. R. B. & M., and designated as Homestead Entry Survey No. 71, have been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said Homestead Entry Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or to permanent monuments as will perpetuate and fix the locus thereof.

Frank S. Ingalls,
U. S. Surveyor-General for
Arizona.

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SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL

OF

FIELD NOTES AND SURVEY OF HOMESTEAD ENTRY CLAIM.

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DEPARTMENT OF THE INTERIOR,

Office of U. S. Surveyor-General,

Phoenix, Arizona, December 17, 1912.

I, U. S. Surveyor-General for the District of Arizona, do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Homestead Entry Claim of M. L. Horrell, described as Homestead Entry No. 016271, Phoenix, Arizona, Land Office, based on List No. 3-1188, situated in the Crook National Forest, Gila County, Arizona, approximately in Secs. 1 and 2, T. 1 N., R. 13 E., and Secs. 35 and 36, T. 2 N., R. 13 E., unsurveyed, G. & S. R. B. & M., and designated as Homestead Entry Survey No. 71, executed by Howard T. Wayne, U. S. Mineral Surveyor, June 8 - 12, 1912, under my instructions dated June 1, 1912, have been critically examined and the necessary corrections and explanations made and the said Field Notes and Return and the Survey they describe are hereby approved. A true copy of the copy of the Field Notes of the preliminary survey of said Homestead Entry Claim by the Department of Agriculture is included in the Field Notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.

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