

ORIGINAL

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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MAR 2 1918
JUL 11 1918
MAR 26 1920
AUG 12 1918
DEC 9 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 369

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 8 , unsurveyed, Township 18 N., Range 6 E.

(T. 18 N., R. 6 E., partly surveyed and accepted)

of the

Gila and Salt River Base and Meridian.

State of

Arizona

Applicant for listing J. J. Howard,

Residence Sedona, Arizona.

Application No. 86 , dated August 31 , 19 08

List No. 3-1451 , dated September 25, , 19 11

Applicant for survey Jesse J. Howard,

Residence Sedona, Arizona.

H. E. No. 017996 , dated June 29 , 1912

Office
Land District Phoenix, Arizona

Survey executed by R. P. A. Johnson , Surveyor - Draftsman
[Forest Service Title.]

Under special instructions dated July 9, , 19 15

Survey commenced October 14, , 19 17

Survey completed October 15, , 19 17

Under Acts of June 11, 1906 and March 4, 1917.

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OATH OF ASSISTANTS

We hereby certify that we assisted

R. B. Johnson
Surveyor Craftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. *369*, 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, they were taken by the Surveyor.

Charles Robinson

Henry Edwards

Subscribed and sworn to before me this *fifteenth* day of

November, 19*17*.

R. B. Johnson
Surveyor Craftsman

OATH OF SURVEYOR

I, *R. B. Johnson*, Surveyor Craftsman
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for *Arizona*, dated *July 9*, 19*15*, 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*

Grant, No. *3-1451*, dated *September 1911*, for *Patent*, under the Act of *June 11*, 19*06*, the same to be known as Homestead Entry Survey No. *369*, situated within the *Cocoma* National Forest, in *unsurveyed Section 8*, Township *18N*, Range *6E*, and *surveyed Section*, Township, Range,

of the *G and S. R. B and* 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.

R. B. Johnson
Surveyor Craftsman
[Forest Service Title.]

Subscribed and sworn to before me this *eleventh* day of

March, 19*18*.

Echel M. Gutchall
Notary Public



8-2349

My Commission expires Mar. 17 1921

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, J. J. Howard; Application No. 86, dated August 31, 1908; List No. 3-1451, dated September 25, 1911; H. E. 017996, made in the Phoenix Land Office on June 29, 1912 by Jesse J. Howard.

Surveyed under special instructions from the Surveyor General for Arizona, dated July 9, 1915 and designated as Homestead Entry Survey No. 369.

Situated in unsurveyed Sec. 9, T. 18 N., R. 6 E., (partly surveyed and accepted), Gila and Salt River Base and Meridian, within the Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1917.

Survey commenced October 14, 1917, and executed with a Buff and Buff transit, equipped with Smith solar attachment.

I test the adjustments of the transit and make necessary correction.

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.

October 14, 1917.

I observe Polaris for azimuth at Cor. No. 1, hereinafter described. The reading on the reference object West of star is set at zero; my watch is set for local mean time.

Lat. 34° 57' 25" N., Long. 111° 45' 11" W., from Forest

Service Grazing Atlas.

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| Chains | Telescope | Time | Horizontal Angle |
|---|-----------|---------------|------------------|
| | Direct | 5h. 22m. 00s. | 1° 11' 00" |
| | Reversed | 5h. 24m. 00s. | 1° 12' 00" |
| | Mean | 5h. 23m. 00s. | 1° 11' 30" |
| 1.m.t. U.C. Pol., October 14, p.m. 11h. 58.7m. | | | |
| 1.m.t. obsn. October 14, p.m. <u>5h. 23.0m.</u> | | | |
| Hour Angle Pol. at obsn. 6h. 35.7m. | | | |
| Azimuth of Polaris, 1° 21' 48" E. | | | |
| Bearing of reference object, N. 0° 10' 18" E. | | | |

October 14, 1917, p.m.
 I again observe Polaris for azimuth at cor. No. 1.
 The reading on the reference object W. of star is set at zero.

| Telescope | Time | Horizontal Angle |
|---|---------------|------------------|
| Direct | 5h. 31m. 00s. | 1° 11' 30" |
| Reversed | 5h. 32m. 05s. | 1° 13' 00" |
| Mean | 5h. 31m. 32s. | 1° 12' 15" |
| 1.m.t. U.C. Pol. October 14, p.m. 11h. 58.7m. | | |
| 1.m.t. obsn. October 14, p.m. <u>5h. 31.5m.</u> | | |
| Hour Angle Polaris, 6h. 27.2m. | | |
| Azimuth of Pol. at obsn. 1° 22' 18" | | |
| Bearing of reference object, N. 0° 10' 03" E. | | |

The mean of these two observations is N. 0° 10' 10" E., and to the corresponding meridian all courses of this survey are referred.

October 14, 1917.
 Beginning at Cor. No. 1.
 Identical with cor. H-7 of the list survey, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list corner, in place of

HOMESTEAD ENTRY SURVEY NO. 369

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which set a malpais stone 24 x 8 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 1 - H E S 369 on the NW. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high, NW. of cor., whence:

A juniper, 14 ins. dia., blazed and scribed 1 H E S 369 + B T, bears S. 46° 33' W., 8 lks. dist.

An oak, 10 ins. dia., blazed and scribed 1 H E S 369 + B T, bears S. 36° 14' E. 21 lks. dist.

True point for cor. secs. 8, 9, 16 and 17, T. 18 N. R. 6 E., (which is 76 lks. S. 89° 53' W. of W. C., which is a malpais stone 6 x 12

x 24 ins. set in md. of stone mkd. and witnessed as described by the Surveyor General) bears S. 44° 31' 01" E., 45.30 chs. dist. by traverse and triangulation, computation of which appears at the end of these notes.

Cor. No. 5 H. E. S. 368, which is a boulder in place, 4 x 3 x 2 ft. above ground, marked 5 H E S 368 on WSW. face, bears S. 7° 50' 47" E. 64.83 chs. dist., by traverse which appears at the end of these notes.

Lat. 34° 57' 25" N., Long. 111° 45' 11" W., from Forest Service Grazing Atlas. Mag. decl. at 8h. 00m. a.m., l.m.t., 14° 45' E., Mean mag. decl. 14° 42' E.

Thence N. 62° 53' W.

Through scrub oak. Ascend 10 ft. to cor.

21.58

To cor. No. 2.

Identical with cor. H-6 of the list survey, marked and witnessed as described by the Forest Service.

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I destroy all trace of the list cor., in place of which set a sandstone 20 x 20 x 18 ins., 10 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 2- H E S 369 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence:

An alder, 8 ins. dia., blazed and scribed
2 H E S 369 + B T, bears N. 86° 12' W.,
34 lks. dist.

An oak, 8 ins. dia., blazed and scribed
2 H E S 369 + B T, bears S. 27° 51' E.,
30 lks. dist.

Note: A longer stone was not available for this cor.

Thence N. 27° 03' W.

0.80 Foot of NE. slope and asc. 40 ft. in scrub oak.

2.08 To cor. No. 3.

Identical with cor. H-5 of the list survey, marked and witnessed as described by the Forest Service.

I destroy all trace of the list cor., in place of which set a sandstone 26 x 6 x 6 ins., 16 ins. in the ground, over a small stone marked with a cross, and surrounded by a mound of stone 4 ft. base, 1 ft. high. I chisel a cross at the point and 3 - H E S 369 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A sandstone boulder 6 x 4 x 1 ft. above ground, chiseled + B R 3 H E S 369, bears N. 28° 25' E., 14 lks. dist.

A sandstone boulder, 8 x 6 x 2 ft. above ground, chiseled + B R 3 H E S 369, bears N. 54° 33'

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Chains

W., 14 lks. dist.

Note: It was impracticable to place the mound upon the claim.

Thence N. 10° 58' E.

Through scrub oak. Descend 20 ft. along NE. slope.

1.60 Foot slope. Continue along foot slope in heavy brush.

3.70 Ascend 30 ft. to ridge in heavy brush.

5.40 Fence, bears NNE. and SSW.

6.15 Top ridge, bears ESE. and WNW. Descend 35 ft. in scattering brush, to arroyo.

7.65 Arroyo, 10 lks. wide, banks 1 ft. high, course ESE.

Ascend 40 ft. in scattering brush to cor.

9.25 To cor. No. 4.

Identical with cor. H-4 of the list survey, marked and witnessed as described by the Forest Service.

I destroy all trace of the list cor., in place of which I set a malpais stone 24 x 16 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross and surrounded by a mound of stone 4 ft.

base, 1 ft. high. I chisel a cross at the point and 4 - H E S 369 on the ESE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, ESE. of cor., whence:

An oak, 12 ins. dia., blazed and scribed

4 H E S 369 + B T, bears N. 69° 52' E.,
19 lks. dist.

A malpais boulder in place 8 x 8 x 5 ft.

above ground, chiseled + B R 4 H E S 369,
bears N. 2° 53' W., 41 lks. dist.

Chains

Thence N. 51° 31' E.

Asc. 10 ft. through scrub oak on SE. slope.

4.96 To cor. No. 5.

Identical with cor. H-3 of the list survey, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor., in place of which I set a malpais stone 26 x 18 x 6 ins., 10 ins. in the ground, over a small stone marked with a cross and surrounded by a mound of stone 4 ft. base, 1 ft. high. I chisel a cross at the point and 5- H E S 369 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., whence:

An oak, 8 ins. dia., blazed and scribed

5 H E S 369 + B T, bears N. 39° 22' E.,
54 lks. dist.

An oak, 6 ins. dia., blazed and scribed

5 H E S 369 + B T, bears S. 52° 54' E.,
23 lks. dist.

Thence N. 69° 08' E.

Descend 10 ft. through scrub oak on SE. slope.

2.20 Fence, bears NE. and SW.

2.25 Ditch, 2 lks. wide, 6 ins. deep, course SW.

2.27 To cor. No. 6.

Identical with cor. H-2 of the list survey, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor., in place of which I set a malpais stone 24 x 14 x 10 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 6 - H E S 369 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., whence:

A juniper 18 ins. dia., blazed and scribed

Chains

I destroy all trace of the list cor., in place of which set a malpais stone 24 x 10 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 8 - H E S 369 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., whence:

A pine, 24 ins. dia., blazed and scribed
8 H E S 369 + B T, bears S. 18° 20' W.,
5 lks. dist.

A pine, 30 ins. dia., blazed and scribed
8 H E S 369 + B T, bears S. 84° 10' E.,
53 lks. dist.

Thence S. 8° 47' W.

Descend 10 ft. along foot of E. slope.

5.23 To cor. No. 9.

Identical with cor. H-10 of the list survey, marked and witnessed as described by the Forest Service.

I destroy all trace of the list cor., in place of which I set a malpais stone 24 x 10 x 4 ins., 14 ins. in the ground, over a small stone marked with a cross at the point and 9 - H E S 369 on the W. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high, W. of cor., whence:

An oak, 14 ins. dia., blazed and scribed
9 H E S 369 + B T, bears N. 72° 39' E.,
24 lks. dist.

A pine, 24 ins. dia., blazed and scribed
9 H E S 369 + B T, bears S. 4° 41' W.,
12 lks. dist.

Thence S. 28° 37' W.

At edge of cultivated land.

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6 H E S 369 + B T, bears N. 19° 32' W.,

83 lks. dist.

An oak, 12 ins. dia., blazed and scribed

6 H E S 369 + B T, bears N. 61° 10' W.,

36 lks. dist.

Thence N. 38° 44' E.

Ascend 10 ft. along foot of SE. slope and edge of cultivated land.

2.08 Fence cor., fences bear W. and SSE. and NE.

2.10 To cor. No. 7.

Identical with cor. H-1 and F. S. M. of the list survey, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and F. S. M., in place of which set a malpais stone 24 x 10 x 5 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 7 - H E S 369 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high S. of cor., whence:

A pine, 20 ins. dia., blazed and scribed

7 H E S 369 + B T, bears N. 1° 16' W.,

52 lks. dist.

A juniper, 18 ins. dia., blazed and scribed

7 H E S 369 + B T, bears S. 61° 21' W.,

178 lks. dist.

Note: No other claims were tied to this F. S. M.

Thence S. 41° 46' E.

0.10 Fence, bears NE. and SW. Desc. 50 ft. over E. slope.

1.75 To cor. No. 8, at foot of slope.

Identical with cor. H-11 of the list survey, marked and witnessed as described by the Forest Service.

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11 H E S 369 + B T, bears South, 70 lks. dist.

Thence S. 20° 24' W.

Along edge of cultivated land.

5.01 To cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 8.92 acres.

IMPROVEMENTS

The improvements made upon and for the benefit of this claim consist of the following:

A pole cabin, 12 x 10 ft., the long side extending N. and S., and the NE. cor of which bears from cor. No. 9 S. 40° 07' W., 1.48 chs. dist.

Value - - - - - \$ 50.00

Approximately 1/2 mile of irrigation ditch.

Value - - - - - \$150.00

Approximately 1/4 mile of picket fence.

Value - - - - - \$ 25.00

DESCRIPTION

This claim is situated on the West side of Oak Creek and is composed of agricultural land on two small benches, with a small amount of stony hillside land covered with a dense growth of scrub oak.

There is no timber of commercial value on the claim.

Water for all purposes is obtained from Oak Creek.

While this is a small area, the claimant has been producing sufficient crops of berries, garden truck and fruit to furnish him with a good income. There are approximately .7 acres in intensive cultivation.

This is not a mineralized section and I saw no indication of mineral on the claim.

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Chains

4.35

To cor. No. 10.

Identical with cor. H-9 of the list survey, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor., in place of which set a sandstone 24 x 14 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 10 - H E S 369 on the W. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A juniper, 36 ins. dia., blazed and scribed
10 H E S 369 + B T, bears N. 36° 16' E.,
19 lks. dist.

A juniper, 18 ins. dia., blazed and scribed
10 H E S 369 + B T, bears S. 37° 37' E.,
12 lks. dist.

Thence S. 41° 30' W.

Descend 15 ft. in brush to arroyo.

1.45 Arroyo, 10 lks. wide, 3 ft. deep, course SE.

Ascend 10 ft. to cor.

3.53 To cor. No. 11.

Identical with cor. H-8 of the list survey, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor., in place of which set a sandstone 24 x 14 x 10 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 11 - H E S 369 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., whence:

An oak, 6 ins. dia., blazed and scribed
11 H E S 369 + B T, bears N. 68° 46' E.,
51 lks. dist.

An oak, 8 ins. dia., blazed and scribed

12.

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Chains

Tie Cor. No. 1 to Cor. 8, 9, 16 and 17

| Course | Dist. | N | S | E | W |
|---------------------------|-------|-----|-------|-------|-----|
| N. 2° 47' W. | .97 | .97 | | | .05 |
| S. 44° 26' E. | 45.40 | | 32.42 | 31.78 | |
| S. 43° 01' E. | 1.16 | | .85 | .79 | |
| S. 89° 53' W. | .76 | | | | .76 |
| | | .97 | 33.27 | 32.57 | .81 |
| | | | .97 | .81 | |
| Resultant N 44° 31' 01" W | 45.30 | | 32.30 | 31.76 | |

Survey completed October 15, 1917.

Note: It was not the intent of the Forest Service that Oak Creek form a meander boundary of the claim.

R. L. Johnson

Surveyor - Draftsman

| Course | Dist. | N | S | E | W |
|--|-------|------|------|---|---|
| N. 82° 53' W. | 1.18 | 1.18 | | | |
| N. 87° 08' W. | 1.85 | 1.85 | | | |
| N. 10° 31' E. | 9.08 | | 9.08 | | |
| N. 81° 31' E. | 3.08 | | 3.08 | | |
| N. 82° 08' E. | 1.81 | | 1.81 | | |
| N. 88° 44' E. | 1.10 | | 1.10 | | |
| N. 41° 48' E. | 1.75 | | 1.75 | | |
| N. 8° 47' W. | 6.88 | | 6.88 | | |
| N. 37° 37' W. | 4.88 | | 4.88 | | |
| N. 41° 30' W. | 3.88 | | 3.88 | | |
| N. 30° 34' W. | 3.01 | | 3.01 | | |
| Error in lat. and dep. | | | | | |
| Closing error 1.1924 | | | | | |
| The Cor. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | | | | | |

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

The claim of Frank L. Pendley, H. E. S. No. 368, lies about 3/4 mile down the creek in a southeasterly

direction, and the claim of C. R. Allen for NW/4 NE/4 of Sec. 8, H. E. 019120, lies approximately 10 chs. to North.

Sedona, Arizona, the nearest post office, is approximately 4 miles in a southeasterly direction and is reached by poor wagon road. Flagstaff, Arizona, the nearest railroad and market point, is approximately 28 miles in a northeasterly direction and is reached by fair wagon road.

TRAVERSE

| Course | Dist. | N | S | E | W |
|---------------|-------|-------|-------|-------|-------|
| N. 62° 53' W. | 2.58 | 1.18 | | | 2.30 |
| N. 27° 03' W. | 2.08 | 1.85 | | | .95 |
| N. 10° 58' E. | 9.25 | 9.08 | | 1.76 | |
| N. 51° 31' E. | 4.96 | 3.09 | | 3.88 | |
| N. 69° 08' E. | 2.27 | .81 | | 2.12 | |
| N. 38° 44' E. | 2.10 | 1.64 | | 1.31 | |
| S. 41° 46' E. | 1.75 | | 1.31 | 1.17 | |
| S. 8° 47' W. | 5.23 | | 5.17 | | .80 |
| S. 28° 37' W. | 4.35 | | 3.82 | | 2.08 |
| S. 41° 30' W. | 3.53 | | 2.64 | | 2.34 |
| S. 20° 24' W. | 5.01 | | 4.70 | | 1.75 |
| | 43.11 | 17.65 | 17.64 | 10.24 | 10.22 |
| | | 17.64 | | 10.22 | |

Error in Lat. and Dep. .01 .02

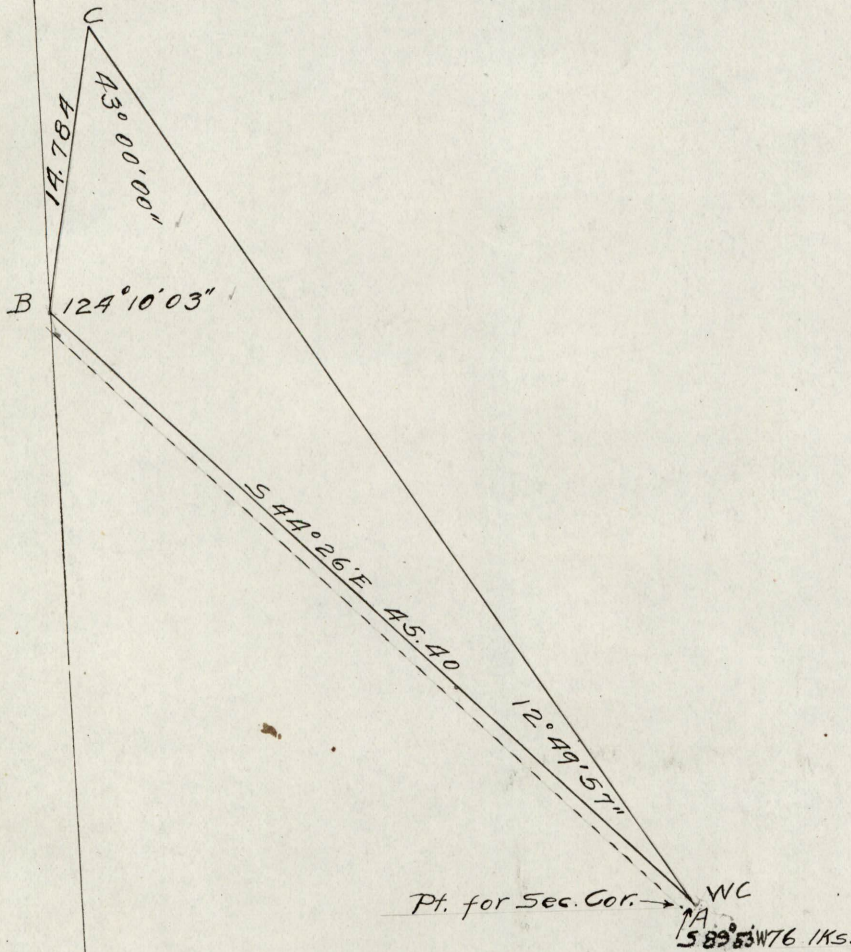
Closing error 1:1924.

Tie Cor. 1 H. E. S. 369 to Cor. 5 H.E.S.368

| Course | Dist. | N | S | E | W |
|-------------------|-------|---|-------|-------|-------|
| S. 44° 31' 01" E. | 45.30 | | 32.30 | 31.76 | |
| S. 35° 40' 04" W. | 39.29 | | 31.92 | | 22.91 |
| | | | 64.22 | 31.76 | 22.91 |
| | | | | 22.91 | |
| | | | 64.22 | 8.85 | |

Resultant N 7° 50' 47" W 64.83.

Chains



ANGLES

| C B A | | A C B | |
|--------------|-----------------------------|--------------|-----------------------------|
| Direct | Reversed | Direct | Reversed |
| 124° 10' 00" | 124° 10' 30" | 43° 00' 00" | 43° 00' 30" |
| 248° 20' 00" | 248° 20' 30" | 86° 01' 30" | 85° 59' 30" |
| 372° 30' 00" | 372° 29' 30" | 129° 01' 00" | 128° 59' 00" |
| | | 172° 00' 30" | 171° 58' 00" |
| 6 | 745° 00' 00" / 745° 00' 30" | 10 | 430° 03' 00" / 429° 57' 00" |
| | 124° 10' 00" / 124° 10' 05" | | 43° 00' 18" / 42° 59' 42" |

Mean 124° 10' 03" Mean 43° 00' 00"

C A B = 12° 49' 57"

C = $\frac{14.784}{\sin. 12^{\circ} 49' 57''} \times \sin 43^{\circ} 00' 00''$

$\log 14.784 = 1.1697920$
 $\text{co } \log \sin 12^{\circ} 49' 57'' = 0.6534483$
 $\log \sin 43^{\circ} 00' 00'' = 9.8337833$
 $\log A B = \frac{1.6570236}{1.6570236} = 45.397$

AB = 45.40

Very rough character of country made longer base impracticable.

4

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink. Put the corrected figure or figures above in red ink.

3. The corrections for balancing fallings should be proportional to the lengths of the lines. 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. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. 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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 369, STATE OF ARIZONA

| CORNERS. | BEARING. | DISTANCE. | LATITUDES. | | DEPARTURES. | | DOUBLE M. D. | N. AREAS. | S. AREAS. |
|----------|--------------|-----------|------------|--------|-------------|-------|--------------|-----------|------------|
| | | | NORTH. | SOUTH. | EAST. | WEST. | | | |
| 1-2 | N 62° 53' W. | 2.58 | 1 18 | | | 2 30 | 4 20 | 4 96 | |
| 2-3 | N 27° 03' W. | 2.08 | 1.85 | | 1 75 | 95 | 95 | 1 76 | |
| 3-4 | N 10° 58' E. | 2.25 | 9 08 | | 1 76 | | 1 75 | 15 87 | |
| 4-5 | N 51° 31' E. | 4.96 | 3 09 | | 3 88 | | 7 38 | 22 80 | |
| 5-6 | N 69° 08' E. | 2.27 | 81 | | 2 12 | | 13 38 | 10 84 | |
| 6-7 | N 38° 44' E. | 2.10 | 1 64 | | 1 31 | | 16 81 | 27 57 | |
| 7-8 | S 41° 46' E. | 1.75 | | 1 31 | 1 17 | | 19 29 | | 25 27 |
| 8-9 | S 8° 47' W. | 5.23 | | 5 17 | | 80 | 19 65 | | 101 59 |
| 9-10 | S 28° 37' W. | 4.35 | | 3 82 | | 2 08 | 16 76 | | 64 02 |
| 10-11 | S 41° 30' W. | 3.53 | | 2 64 | | 2 34 | 12 34 | | 32 58 |
| 11-12 | S 20° 24' W. | 5.01 | | 4 70 | | 1 75 | 8 25 | | 38 78 |
| | | 43.11 | 17 65 | 17 64 | 10 24 | 10 22 | | 83 80 | 262 24 |
| | | | 17 64 | 17 64 | 10 23 | 10 23 | | | 83 80 |
| | | | | | | | | | 20/ 178 44 |
| | | | | | | | | | 89 22 |

8.92 E

167

APPROVAL

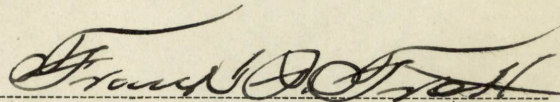
Office of the United States Surveyor General,

Phoenix, Arizona, May 26, 1920

The foregoing field notes of Homestead Entry Survey No.

369

executed by R. P. A. Johnson, Surveyor-Draftsman [Forest Service Title.]
under his special instructions, dated July 9, 1915, 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.