

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 349

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 35 , un surveyed, Township 17 N., Range 5 W.

*Prescott all
response 9*

MAR 14 1916

of the

Gila and Salt River Base and Meridian.

State of **ARIZONA**

Applicant for listing **Lester L. Johnson,**

Residence **Prescott, Arizona**

Application No. **213** , dated **March 13** , 19 **14**

List No. **3-3378** , dated **November 6** , 19 **14**

Applicant for survey **Lester L. Johnson,**

Residence **Prescott, Arizona**

H. E. No. **027179** , dated **April 7** , 19 **15**

Office
Land District **Phoenix, Arizona**

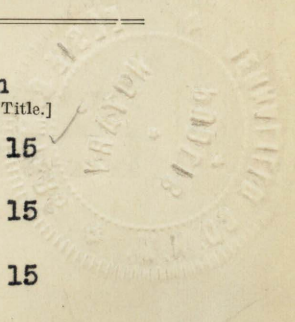
Survey executed by **Charles D. Hodson, Surveyor-Draftsman**
[Forest Service Title.]

Under special instructions dated **April 20** , 19 **15**

Survey commenced **July 18** , 19 **15**

Survey completed **July 20** , 19 **15**

Under Acts of **June 11, 1906 and March 4, 1915.**



120

OATH OF ASSISTANTS

We hereby certify that we assisted **Charles D. Hodson,**
Surveyor - Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **349**, 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 estab-
lished, according to the instructions furnished by the United States
Surveyor General for **ARIZONA**.

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

W. G. Baecher Chairman

D. E. Moister Chairman

Subscribed and sworn to before me this **20th** day of

July, 19 **15**.

Charles D. Hodson

Surveyor - Draftsman

OATH OF SURVEYOR

I, **Charles D. Hodson, Surveyor - Draftsman**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **ARIZONA**, dated
April 20, 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

List, No. **3-3378**, dated **Nov. 6**, 19 **14**, for
PATENT, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **349**,
situated within the **PRESCOTT** National Forest, in
un surveyed Section **35**, Township **17 N.**, Range **5 W.**, and
- surveyed Section **- - -**, Township **- - -**, Range **- - -**,

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.

Charles D. Hodson

Surveyor-Draftsman
[Forest Service Title.]

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

October, 19 **15**.

Esie C. Myers
Notary Public



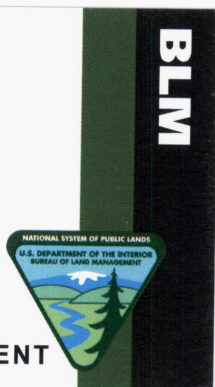
8-2349

My Commission expires April 20, 1918.

HES entry # 349

			120A	349
Tie H.E.S. 263 thru line 2-3, 349 & 5th.				
S 0° 01' W	4685		4685	01
S 89° 51' E	1260		03	1260
N 15° 10' W	4854	4685		1270
Limit .16	10799	4685	4688	1271
Ties 351 & 352 thru con. Cor. 5, 352 to Cor. 3, 351 and 4th Std. Par. N. as retraced in 349.				
S 0° 19' 43" W	13232		13232	76
N 89° 51' W	4012	11		4012
N 1° 15' 13" E	14303	14202		313
N 66° 11' E	1344	564		1220
S 68° 30' E	598		219	556
S 28° E	1274		1125	598
S 78° 42' E	1419		278	1391
	36184	14877	14854	4078
				4088
Limit of error .57				

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BUREAU OF LAND MANAGEMENT



(1206)

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Lester L. Johnson; Application No. 213, dated March 13, 1914; List No. 3-3378, dated November 6, 1914; H. E. 027179 made in the Phoenix Land Office on April 7, 1915 by Lester L. Johnson.

Surveyed under special instructions from the Surveyor General of Arizona, dated April 20, 1915 and designated as Homestead Entry Survey No. 349.

Situated in what will probably be, when surveyed, sec. 35, T. 17 N., R. 5 W., Gila and Salt River Base and Meridian within the Prescott National Forest, Arizona.

Surveyed under Acts of June 11, 1906 and March 4, 1915.

Survey commenced July 18, 1915 and executed with a Buff and Buff transit No. 9700-6, equipped with Smith solar attachment.

I test the adjustments of the transit and make 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.

July 18, 1915.

At the S. C. secs. 35 and 36, T. 17 N., R. 5 W., and what will be cor. No. 1 of this survey, at 11h. 49.2 m.

p. m., l.m.t., I observe Polaris at eastern elongation with telescope direct and reversed and mark the lines of sight with tacks driven in a stake set firmly in the ground 8.00 chs. N. of my station. These two points fall 1/4 inch apart. Lat. $34^{\circ} 49' 03''$ N., Long $112^{\circ} 44' 43''$ W. from special instructions from Surveyor General and later verified.

July 18, 1915.

Chains July 19, 1915.
At 8h. 00m. a.m., l.m.t., I lay off $1^{\circ} 24-1/4'$ to the West of the mean of the two points established by obsn. on Polaris at elongation and mark my line of sight with a tack driven in a stake set firmly in the ground 8.00 chs. N. of my station. From the meridian thus determined all courses of this survey are deflected.

RETRACEMENT

Beginning at the S. C. to secs. 35 and 36, T. 17 N., R. 5 W., a malpais stone 14 x 10 x 10 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence West.

On random S. bdy. of sec. 35.

40.12 Fall 10 lks. S. of the standard $1/4$ sec. cor. to sec. 35, a malpais stone 12 x 8 x 5 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence $S. 89^{\circ} 51' E.$

On true S. bdy. of sec. 35.

40.12 The S. C. to secs. 35 and 36, heretofore described. Heavy rain prevents further work on this day.

July 19, 1915.

July 20, 1915.

At 8h. 00m. a.m., l.m.t., I set off $34^{\circ} 49'$ N. on the lat. arc, $20^{\circ} 49'$ N. on decl. arc and determine a meridian with the solar at the S. C. secs. 35 and 36, previously described, and my line of sight falls $3/8$ in. west of the point determined by Polaris obsn. of July 18, 1915. I therefore conclude the instrument to be in satisfactory adjustment.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	Beginning at Cor. No. 1.
	Identical with S. C. Secs. 35 and 36, heretofore described, which is also Cor. H-1 of the list survey (not marked for list survey). I chisel same stone + on top for Cor. No. 1 of this survey and alongside set a malpais stone 26 x 12 x 12 ins., 16 ins. in the ground chiseled 1 - H E S 349 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of Cor. whence:
	A juniper 16 ins. dia. blazed and scribed 1 H E S 349 + B T bears N. 21° 35' W., 120 lks. dist.
	An oak 8 ins. dia., blazed and scribed 1 H E S 349 + B T bears N. 76° 55' W., 74 lks. dist.
	Lat. 34° 49' 03" N. Long. 112° 44' 43" W. from Special Instructions of Surveyor General and later verified.
	Mag. decl. at 8.00 a.m., 14° 55' E. Mean Mag. decl. corrected for diurnal change 14° 50.8' E.
	Thence N. 89° 51' W.
	Through Juniper on level malpais bench.
5.20	Road, bears N. and S.
7.60	Brush fence, bears NE. and SW.
8.60	Edge of bench, bears NE. and SW. Descend 15 ft.
11.35	Foot of hill bears WSW. and NE. Wire fence bears N. and S.
18.00	Spring branch, 2 lks. wide, 6 ins. deep, course N.
18.30	Rail fence bears N. and S.
21.00	Descend 5 ft. to bed of Humphrey Wash, course NE. Thence in bed of wash along south side.
25.00	East end of small timbered island in Humphrey Wash.
27.52	To Cor. No. 2 and closing cor. on S. bdy. Sec. 35, T. 17 N., R. 5 W.

Chains Set a malpais stone 24 x 14 x 4 ins., 14 ins. in the ground over a small stone marked with a cross. I chisel a cross at the point, 2 - H E S 349 on the NE. face, and CC on the NNW. face; and raise a mound of stone 3 ft. base, 2 ft. high, NNW. of cor., whence:

An ash 16 ins. dia. blazed and scribed
2 H E S 349 + B T bears N. 23° 07' W.,
78 lks. dist.

An ash 6 ins. dia., blazed and scribed
2 H E S 349 + B T bears S. 74° 35' E.,
19 lks. dist.

Cor. H-2 of the list survey, a willow tree
16 ins. dia., marked and witnessed as described
by the Forest Service bears S. 15° 01' E., 12
lks. dist. I destroy all trace of this list
cor.

The Standard 1/4 sec. Cor. to Sec. 35, previously
described, bears N. 89° 51' W., 12.60 chs.
dist.

Thence N. 15° 01' W.

- 0.95 Leave island, enter Humphrey Wash, bank 2 ft. high, course E.
- 4.60 N. Bank Humphrey wash, 4 ft. high, course E. Ascend 30 ft. through junipers on gentle SSE. slope.
- 18.90 Top of ascent, ridge slopes SSE. around to NNE. Descend 30 ft. over NNE. slope.
- 40.20 Foot of slope, bears WNW. and ESE., thence over level land.
- 48.54 To cor. No. 3. Also Cor. No. 1 H E S 363.

Set a malpais stone, 24 x 12 x 8 ins., 14 ins. in the ground over a small stone marked with a cross. I chisel a cross at the point and 3 - H E S 349 on the SE. face and 1 H E S 363 on NE. face; dig pits, 24 x

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains 24 x 12 ins. S. 15° 01' E., N. 86° 43' E. and N. 32° 16' W., 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high SE. of cor., whence:

A juniper 20 ins. dia. blazed and scribed
3 H E S 349 1 H E S 363 + B T bears N. 61° 51' E., 11 lks. dist.

An oak 6 ins. dia., blazed and scribed
3 H E S 349 1 H E S 363 + B T bears S. 75° 07' E., 26 lks dist.

Cor. H-3 of the list survey and Cor. H-2 of List 3-2518, a juniper tree 20 ins. dia., marked and witnessed as described by the Forest Service, bears N. 61° 51' E., 11 lks dist.
I destroy all trace of the list cor.

Thence N. 86° 43' E. along line 1-4 of H.E.S. 363
Descend 5 ft. over flat bottom along line 1-4 H E S 363.
9.93 To Cor. No. 4. Also Cor. No. 4 of H E S 363.
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 4 H E S 349 on S. face and 4 H E S 363 on NW. face; dig pits 24 x 24 x 12 ins. S. 86° 43' W., S. 70° 02' E. and N. 30° 59' W. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor. whence:

An ash 18 ins. dia., blazed and scribed
4 H E S 349 4 H E S 363 + B T bears N. 43° 45' E., 7 lks. dist.

An ash, 20 ins. dia., blazed and scribed
4 H E S 349 4 H E S 363 + B T bears S. 52° 54' E., 288 lks. dist.
Cor. H-4 of the list survey, also cor. H-1 of

Chains	<p>List 3-2518, and ash tree 18 ins. dia., marked and witnessed as described by the Forest Service bears N. 43° 45' E., 7 lks. dist. I destroy all trace of the list cor.</p> <hr/> <p>Clouds at noon. Lat. obsn. impracticable.</p> <hr/> <p>Thence S. 70° 02' E.</p> <p>Over level land.</p> <p>0.60 Right bank Pine Creek, bank 1 ft. high, course SW.</p> <p>6.50 Left bank Pine Creek, bank 2 ft. high, course SSW. and ascend 30 ft. through juniper and oak on SSW. slope.</p> <p>20.00 Top of ascent, thence along SSW. slope.</p> <p>32.07 To cor. No. 5</p> <p>Identical with cor. H-5 of the list survey, a malpais stone 8 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list. cor and at this point 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 5 - H E S 349 on the SW. face; dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, SW. of cor., whence:</p> <p>An oak, 6 ins. dia., blazed and scribed 5 H E S 349 + B T bears N. 76° 22' W., 48 lks. dist.</p> <p>An oak 6 ins. dia., blazed and scribed 5 H E S 349 + B T bears south 12 lks. dist.</p> <hr/> <p>Thence south.</p> <p>Descend 5 ft. over S. slope.</p> <p>0.80 Descend 20 ft. over steep bank.</p> <p>1.30 N. edge of flat.</p>
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PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	
4.90	Left bank Pine Creek, 2 ft. high, course E.
10.70	Right bank, Pine Creek, 2 ft. high, course E.
13.90	Left bank Humphrey Wash, 2 ft. high, course ENE.
19.50	Right bank Humphrey Wash, 2 ft. high, course ENE.
24.50	Pole fence, bears E. and W. Ascend 25 ft. over N. slope.
29.10	Enter flat bench.
31.50	Brush fence, bears ENE. and WSW.
34.40	Road, bears NE. and SW.
36.50	To cor. No. 1 and place of beginning.

AREA

Total Area 143.86 acres

IMPROVEMENTS

There is approximately 1/2 mile of fence on this claim that was built by an adjoining property holder. This fencing is in a very dilapidated condition.

At the time of survey, the claimant had material on the ground for a frame cabin and about two miles of wire fence.

DESCRIPTION

This claim is situated near the junction of Pine Creek with Humphrey Wash. Both are intermittent streams. Water is obtained at a depth of from 10 to 25 ft. There are about 2 acres under cultivation, being the work of the adjoining property owner who had built what fences there were on the claim. This is not a mineralized section and I saw no indication of mineral on the claim. There is some juniper and walnut on this claim but distance from market would make the cost of handling prohibitive.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H E S 363 of Walter A. Eddy joins this claim on the north.

Simmons, Arizona, the nearest postoffice, is 8 miles in an easterly direction and is reached by good wagon road.

Prescott, the nearest railroad point and market is approximately 32 miles in a southeasterly direction and is reached by good wagon road.

TRAVERSE

Course	Dist.	N.	S.	E.	W.
N. 89° 51' W.	27.52	.07			27.52
N. 15° 01' W.	48.54	46.88			12.58
N. 86° 43' E.	9.93	.57		9.91	
S. 70° 02' E.	32.07		10.95	30.14	
South	36.50		36.50		
	154.56	47.52	47.45	40.05	40.10
		47.45			40.05
Error in Lat. and Dep.		.07			.05

Closing error 1:1797

Survey completed July 20, 1915.

Charles D. Hodson

Surveyor-Draftsman.

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. 349, STATE OF Prescott, Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 89° 51' W.	27.52	⁰⁶ 46.88			⁵⁷ 27.52	52.63	3.16	
2-3	N. 15° 01' W.	48.54	46.88			⁸⁶ 12.58	12.56	588.56	
3-4	N. 86° 43' E.	9.93	.57	⁹⁷ 10.95		9.91	9.91	5.65	548.17
4-5	S. 70° 02' E.	32.07		⁵² 36.50		30.14	49.97		2926.35
5-1	South	36.50		47.45		01	80.13	597.37	3474.52
		154.56	47.52		40.05	40.10			592.37
			⁴⁷ 47.49	⁴⁷ 47.49	⁴⁰ 40.07	⁴⁰ 40.07			20/2877.15
	Closing error:	1797							143.86

129

EMH

APPROVAL

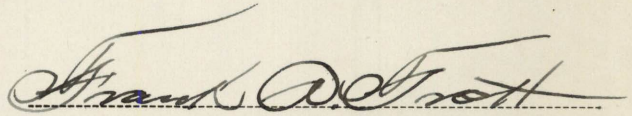
Office of the United States Surveyor General,

Phoenix, Arizona, June 10, 1918.

The foregoing field notes of Homestead Entry Survey No.

349

executed by Charles D. Hodson, Surveyor. Draftsman
[Forest Service Title.]
under his special instructions, dated April 20, 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.