

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

AK 3-1916

**FIELD NOTES**

Mar 17 1918

OF

HOMESTEAD ENTRY SURVEY NO. 356

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 4, <sup>Approximately</sup> un surveyed, Township 9 N., Range 1 W.  
In Section 9, un surveyed, Township 9 N., Range 1 W.

of the

**Gila and Salt River Base and** Meridian.

State of **ARIZONA**

Applicant for listing **Al Francis,**

Residence **Crown King, Arizona**

Application No. **128** ✓, dated **July 8**, 19 **12** ✓

List No. **3-2426** ✓, dated **April 14**, 19**13** ✓

Applicant for survey **Al Francis,**

Residence **Crown King, Arizona**

H. E. No. **022944** ✓, dated **October 14**, 19 **13** ✓

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 **June 1**, 19 **15**

Survey completed **June 2**, 19 **15**

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



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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. **356**, 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.**

-----  
*Ed Baecht* Chainman

-----  
*Douglas E. Maister* Chainman  
-----

Subscribed and sworn to before me this **1st** day of  
**October**, 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 3-2426 dated April 14, 1913 and a tract of land  
upon Application of Al Francis

Application **PATENT**, No. **128**, dated **July 8**, 19 **12**, for  
under the Act of **June 11**, 19 **06**,  
the same to be known as Homestead Entry Survey No. **356**,  
situated within the **PRESCOTT** National Forest, in  
**un** surveyed Sections **4 & 9**, Township **9 N.**, Range **1 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**.

-----  
*Elmer C. Myers*  
*Notary Public*  
-----



8-2349

*My Commission expires April 20, 1918.*



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PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Al Francis; Application No. 128, dated July 8, 1912; List No. 3-2426, dated April 14, 1913; H.E. 022944 made in the Phoenix Land Office on October 14, 1913 by Al Francis.

Also a tract of unlisted land adjoining claimant's entry was included in this survey; the land was desired by the entryman and will be listed as a basis for amendment of his entry No. 022944.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 20, 1915 and designated as Homestead Entry Survey, No. 356.

Situated in what will probably be when surveyed secs. 4 and 9. T. 9 N., R. 1 W., Gila and Salt River Base and Meridian within the Prescott National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, and June 30, 1914.

Survey commenced June 1, 1915 and executed with a Buff and Buff transit No. 9700-6.

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.

June 1, 1915.

At 7h. 25m. 30s. p.m. l.m.t. I observe Polaris near cor. No. 1. Lat.  $34^{\circ} 08' 31''$  N., Long.  $112^{\circ} 22' 02''$  W.

Greenwich m.t. U.C. Pol.	June 1, 1915	8h. 53.4m.
Corr. for long.		1.3m.

Astronl l.m.t. U.C. Pol.	June 1, 1915	8h. 52.1m.
12h. - 8h. 53m. 06s.		= 3h. 07m. 54s.

+7h. 25m. 30s.

Hour angle and time arg.  $10h. 33m. 24s. = 10h. 33.4m.$

Azimuth Pol. at obsn.  $0^{\circ} 29' 48''$  W.



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains I mark my line of sight with a tack in a stump 5.00 chs. N. of my station.

At 7h. 35m. 28s. p.m. l.m.t., I again observe Polaris.

Greenwidh m.t. U.C. Pol. June 1, 1915, 8h. 53.4m.

Corr. for long. 1.3m.

Astron. l.m.t. U.C. Pol June 1, 1915, 8h. 52.1m.

12h. - 8h. 52m. 06s. = 3h. 07m. 54s.

+7h. 35m. 28s.

Hour angle and time ang. 10h. 43m. 22s. = 10h. 43.4m.

Azimuth Pol. at obsn. 0° 26' 18" W.

I mark my line of sight with a tack in a stump 5.00 chs. N. of my station.

June 1, 1915.

June 2, 1915.

At 7h. 00m. a.m. l.m.t. I lay off 0° 30' to the east of the point established by my first obsn. of Pol. made last night and mark the line of sight with a tack driven in a stake set firmly in the ground 5.00 chs. North of my station.

I also lay off 0° 26' 30" to the east of the point established by my second obsn. of Pol. made last night and mark the line of sight which falls 3/16 of an in. E. of the point determined by the first obsn.

I adopt the mean of the two lines and from the meridian determined all courses of this survey were deflected.

June 2, 1915.

June 1, 1915.

Beginning at cor. No. 1.

I set a schist stone 24 x 16 x 6 ins. 14 ins. in the ground over a small stone marked with a cross, chiseled + at the point, and I - H E S 356 on the east face, and raise a mound of stone 3 ft. base, 2 ft. high, E. of corner from which:



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains. An oak 10 ins. dia. blazed and scribed 1 H E S  
356 + B T bears S. 81° 32' W., 71 lks. dist.

An oak 10 ins. dia. blazed and scribed 1 H E S  
356 + B T bears N. 3° 00' E., 107 lks. dist.

Cor. H-2 of the list survey, a granite stone, 18  
x 8 x 8 ins. marked and witnessed as described  
by the Forest Service bears N. 10° 39' E., 2.00  
chs. dist. I destroy all trace of the list cor.

Cor. H-3 of the list survey, an oak tree, 8 ins.  
dia. marked and witnessed as described by the  
Forest Service bears S. 49° 45' E., 2.78 chs.  
dist. I destroy all trace of the list cor.

Cor. H-4 of the list survey, a quartzite boulder  
3 x 3 x 4 ft. above ground, marked and witnessed  
as described by the Forest Service, bears  
S. 49° 12' E., 8.89 chs. dist. I destroy all  
trace of this list cor.

Cor. H-5 of the list survey, an oak tree, 30 ins.  
dia. marked and witnessed as described by the  
Forest Service bears S. 59° 02' E., 11.89 chs.  
dist. I destroy all trace of this list cor.

U. S. L. M. No. 2274, a quartzite stone 24 x 18 x  
14 ins. above ground, marked and witnessed as  
described by the Surveyor General bears S. 53°  
54' 11" W., 153.02 chs. dist. by traverse which  
appears at the end of these notes.

Cor. No. 3, Ashland Lode, Mineral Survey No. 2803  
a slate stone, marked 3 on the SW. face, wit-  
nessed by a post 4 x 4 x 48 ins. above ground  
painted white and painted P on N. face, bears  
S. 78° 17' W., 20.72 chs. dist. by direct  
measurement.  
Lat. 34° 08' 31" N., long. 112° 22' 04" W., taken from  
special instructions of the Surveyor General, and  
later verified.



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PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains Mag. decl. at 8h. 100m. a.m. 14° 31' E., Mean mag. decl.

14° 27' E. 32° 31' S. 356 + B T bears S. 10° 39' W., 30 lks. dist.

AN oak 10 ins. dia. blazed and described 2 H E S

Thence N. 8° 55' E. 356 + B T bears S. 10° 39' W., 30 lks. dist.

Desc. 20 ft. over N. slope of same ridge.

1.15 Dry wash, 10 lks. wide, 1 ft. deep, course E.

Asc. 10 ft. over brushy slope of sharp ridge.

2.00 Top of ridge, slopes E.

Desc. 15 ft. over N. slope of same ridge.

3.10 Foot of ridge, center creek bottom.

3.40 N.W. fork Humbug creek, banks 12 ft. high, 20 lks. wide,

course E. Over rocky flat.

6.00 N. fork Humbug creek, banks 10 ft. high, 20 lks. wide,

course SE.

7.00 Road bears NW. and SE.

7.25 4 in. pipeline, course E.

Foot of hill and asc. 5 ft. through scrub oak on S.

hillside.

8.35 To cor. No. 2.

At this point I set a granite stone 24 x 14 x 10 ins.

14 ins. in the ground over a small stone marked with a

cross, chiseled cross at the exact point, 2 - H E S

356 on the SSE. face; and raise a mound of stone 3 ft.

base, 2 ft. high, SSE. of cor. from which

An oak 6 ins. dia. blazed and described 2 H E S

356 + B T bears S. 10° 39' W., 30 lks. dist.

Cor. H-1 of the list survey, and Forest Service

Monument, a granite stone 12 x 6 x 6 ins. above

ground marked and witnessed as described by

the Forest Service bears S. 10° 39' W., 100 lks.

dist. I destroy all trace of this list cor.

monument.

Special instructions of the Surveyor General.

later verified



Prescott NATIONAL FOREST

STATE OF Arizona

Chains  
 Cor. H-9 of the list survey, a granite stone  
 12 x 12 x 12 ins. above ground, marked and wit-  
 nessed as described by the Forest Service bears  
 S. 38° 48' E., 16.43 chs. dist. I destroy all  
 trace of this list cor.

Thence S. 42° 14' E. Desc. 10 ft.  
 Along bushy SW slope. Desc. 10 ft.  
 31.95 To cor. No. 3.

Identical with cor. H-8 of the list survey and cor.  
 H-10 of list No. 3-2941, H. E. No. 026002, John H.  
 Simpson, a granite stone, .24 x 12 x 12 ins. marked and  
 witnessed as described by the Forest Service. I de-  
 stroy all trace of this list cor. pertaining to this  
 claim and at this point I set a granite stone, 30 x  
 12 x 8 ins. 8 ins. in the ground over a small stone  
 marked with a cross, and surrounded by a mound of stone  
 5 ft. base, 1 1/2 ft. high. I set a cross at the point  
 and 3 - H E S 356 on the W. face and raise a mound of  
 stone 3 ft. base, 2 ft. high, W. of cor. from which

An oak 10 ins. dia. blazed and scribed 3 H E S  
 356 + B. T. bears N. 31° 19' W., 118 lks. dist.  
 An oak 6 ins. dia. blazed and scribed 3 H E S.  
 356 + B T bears S. 10° 24' W., 55 lks. dist.

Thence S. 31° 20' W.  
 Desc. 5 ft.  
 .75 Foot of hill and enter flat.  
 2.50 Trail bears NW. and SE.  
 3.30 Middle of Humbug creek, 60 lks. wide, banks 1 ft. high,  
 course SE.

To cor. No. 4.  
 The improvements made upon and belonging to the claim consist of the  
 following:

H 25357  
 Not surveyed  
 until 1917



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains are identical with cor. H-7 of the list survey, a granite stone 12 x 12 x 12 ins. marked and witnessed as described by the Forest Service. I destroy all trace of this list cor., and at this point I set a granite stone 24 x 10 x 10 ins. 14 ins. in the ground over a small stone marked with a cross, chiseled cross at the point and 4 - H E S 356' on the N. face and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. from which

A cottonwood 24-ins. dia. blazed and described H E S 356 + B T bears S. 80° 00' E., 56

An ash 6 ins. dia. blazed and described 4 H E S 356 + B T bears N. 6° 13' W., 185 lks. dist.

Cor. H-6 of the list survey, a granite stone 24 x 12 x 12 ins. above ground marked and witnessed as described by the Forest Service bears N. 34° 26' W., 10.17 chs. dist. I destroy all

trace of this list cor. and 3 - H E S 356 + B T bears N. 34° 26' W., 10.17 chs. dist. I destroy all

Thence N. 47° 30' W. 10.17 chs. dist. Asc. 35 ft. along brushy NE slope

To cor. No. 1 the place of beginning.

June 1, 1915.

*10.7 in listing*

Thence S. 31° 20' E. 10.17 chs. dist.

Area of listed land 10.49 A.

Area of unlisted land 5.55 A.

Total area 16.04 A.

Improvements

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



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

A wooden tank 12 ft. dia. 8 ft. deep, the center of which bears from cor. No. 2, S. 15° 00' E., 2.00 chs. dist.

Value \$ 75.00

1/2 mile of 4-in. iron pipe line.

Value \$300.00

A well 4 ft. dia. 30 ft. deep, timbered its entire depth the center of which bears from cor. No. 2, S. 6° 12' E. 4.10 chs. dist.

Value \$ 75.00

A 4 H.P. gasoline engine and 4-in. centrifugal pump at well

Value \$150.00

A frame house 18 x 12 ft. the long side extending E. and W. and the NW. cor. of which bears from cor. No. 2, S. 34° 00' E., 3.65 chs. dist.

Value \$100.00

A frame granary 20 x 10 ft. the long side extending E. and W. and the NW. cor. of which bears from Cor. No. 2, S. 39° 35' E., 3.90 chs. dist.

Value \$100.00

A frame barn 30 x 12 ft. the long side extending E. and W. and the NW. cor. of which bears from cor. No. 2, S. 38° 50' E., 6.98 chs. dist.

Value \$150.00

A frame tool house 12 x 9 ft. the long side extending E. and W. and the NW. cor. of which bears from cor. No. 2, S. 35° 35' E., 7.06 chs. dist.

Value \$ 50.00

Approximately 1/2 mile of wire fencing.

Value \$ 75.00



Chains

Description

This claim is located on Humbug creek at the junction of its N. and W. forks, at an elevation of approximately 3500 ft. The bottom land which comprises approximately 8 acres is a sandy loam and is very fertile. The general slope is to the SE. The claimant is growing good crops of grain and alfalfa hay on this land.

The hillsides are rough, rocky, and covered with a dense growth of scrub oak and manzanita.

There is no timber of commercial value on the claim.

Water for irrigation purposes is obtained from Humbug creek, and is pumped by gasoline engine. For domestic and stock purposes water is piped from a spring on the N. fork of Humbug creek to the tank near cor. No. 2, thence to the house and troughs. This tank also furnishes an auxiliary supply to the irrigation system.

While this is a mineralized section, I saw no indication of mineral upon the claim.

Crown King, the nearest railroad point and postoffice is 12 miles by steep, but good wagon road in a northerly direction.

Conflicts and Adjoining Claims.

This claim is reported to be in conflict with the Butte and Butte Extension lodes. I saw no location corners for these lodes, and the locator, John Rovello, stated that there were no corners; he also agreed that he would amend his location of these two lodes to remove this conflict.

This claim is joined on the SE. by List 3-2941, H. E.

026002, John Simpson (unsurveyed H.E.S. 357).



PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Traverse.

Course	Dist	N.	S.	E.	W.
N. 8° 55' E.	8.35	8.25 ✓		1.29 ✓	
S. 42° 14' E.	31.95		23.66 ✓	21.48 ✓	
S. 31° 20' W.	4.11		3.51 ✓		2.14 ✓
N. 47° 30' W.	<u>27.99</u>	<u>18.91</u> ✓			<u>20.64</u> ✓
	72.40	27.16	27.17	22.77	22.78
Error in lat. and dep.			<u>27.16</u>	-	<u>22.77</u>
			0.01		0.01

Closing error 1:5122

Traverse for tie, Cor. No. 1 to U. S. L. M. No. 2274.

Course	Dist	N.	S.	E.	W.
N. 8° 55' E.	8.35	8.25 ✓		1.29 ✓	
S. 55° 33' W.	16.19		9.16 ✓		13.35 ✓
S. 74° 54' W.	1.92		.50 ✓		1.85 ✓
S. 66° 18' W.	6.97		2.80 ✓		6.38 ✓
N. 57° 20' W.	9.09	4.91 ✓			7.65 ✓
S. 24° 29' W.	22.73		20.69 ✓		9.42 ✓
S. 50° 53' W.	<u>111.20</u>		<u>70.16</u> ✓		<u>86.28</u> ✓
		<u>13.16</u>	<u>103.31</u>	<u>1.29</u>	<u>124.93</u>
			<u>13.16</u>		<u>1.29</u>
			<u>90.15</u>		<u>123.64</u>

Therefore U.S.L.M. No. 2274 bears S. 53° 54' 11" W.

153.02 chs. dist. from cor. No. 1.

Survey completed June 2, 1915.

*Charles D. Hodson*  
Surveyor Draftsman



Chains

Course	Dist.	N.	S.	E.	W.
N. 8° 55' E.	8.35			8.35	
S. 42° 14' E.	31.95		23.66		31.48
S. 31° 20' W.	4.11		3.51		3.14
N. 47° 30' W.	27.93	18.91			20.04
	25.40	27.16			23.77
		27.16			23.77
			0.01		0.01

Closing error 1:5122  
Error in lat. and dep.

Traverse for tie, Cor. No. 1 to U.S.L.M. No. 2374.

Course	Dist.	N.	S.	E.	W.
N. 8° 55' E.	8.35			8.35	
S. 55° 33' W.	16.13		9.16		13.35
S. 74° 54' W.	1.33		1.30		1.88
S. 66° 18' W.	6.37		2.80		6.38
N. 27° 20' W.	9.09	4.91			7.65
S. 24° 29' W.	22.73		20.68		9.43
S. 50° 53' W.	111.20		70.16		88.38
		12.16	108.31		124.93
		12.16			1.33
			20.16		123.64

Therefore U.S.L.M. No. 2374 bears S. 53° 54' 11" W.  
153.02 chs. dist. from cor. No. 1.  
Survey completed June 2, 1915.

Surveyor Disposition

Chains



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. 356, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 8° 55' E.	8.35	8.25		1.29		10.64		
2-3	S. 42° 14' E.	51.95	23.66		24.07			569.26	
3-4	S. 31° 20' W.	4.11	3.51		43.42			152.40	
4-1	N. 47° 30' W.	27.99	18.91		20.64		390.30		
		72.40	27.16	27.17	22.77	22.78	400.94	721.66	
			27.16	27.16	22.78	22.78		400.94	
	Closing Error	1:5122						20,320.72	
								16.04	Acres.

245  
29m H



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. 356, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Traverse of Listed Area.									
H-2 - H-1	N. 9° 47' E.	5.36	5 28 ✓		91 ✓		91	4 80 ✓	
H-1 - H-9	S. 41° 07' E.	15.67		11 81 ✓	10 30 ✓		12 12		143 02 ✓
H-9 - H-8	S. 45° 53' E.	15.58		10 85 ✓	11 19 ✓		33 62		364 78 ✓
H-8 - H-7	S. 31° 20' W.	4.11		3 51 ✓			42 68		149 81 ✓
H-7 - H-6	N. 34° 26' W.	10.17	8 39 ✓				34 79	291 89 ✓	
H-6 - H-5	N. 46° 50' W.	6.43	4 40 ✓				24 35	107 14 ✓	
H-5 - H-4	N. 85° 29' W.	3.43	27 ✓				16 24	4 38 ✓	
H-4 - H-3	N. 49° 00' W.	6.17	4 05 ✓				8 16	33 05 ✓	
H-3 - H-2	N. 24° 54' W.	4.16	3 77 ✓				1 75	6 60 ✓	
			26 16	26 17	22 40	22 41		447 86	657 61 ✓
			26 16	26 16	22 41	22 41			447 86 ✓
									20) 209 75 ✓
									10 49 Acres ✓
									F.P.T.

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APPROVAL

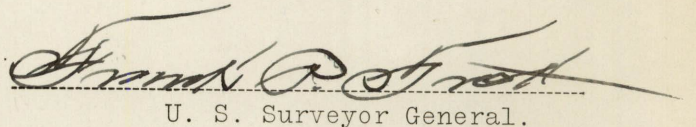
Office of the United States Surveyor General,

Phoenix, Arizona, June 10, 1918

The foregoing field notes of Homestead Entry Survey No.

356

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.